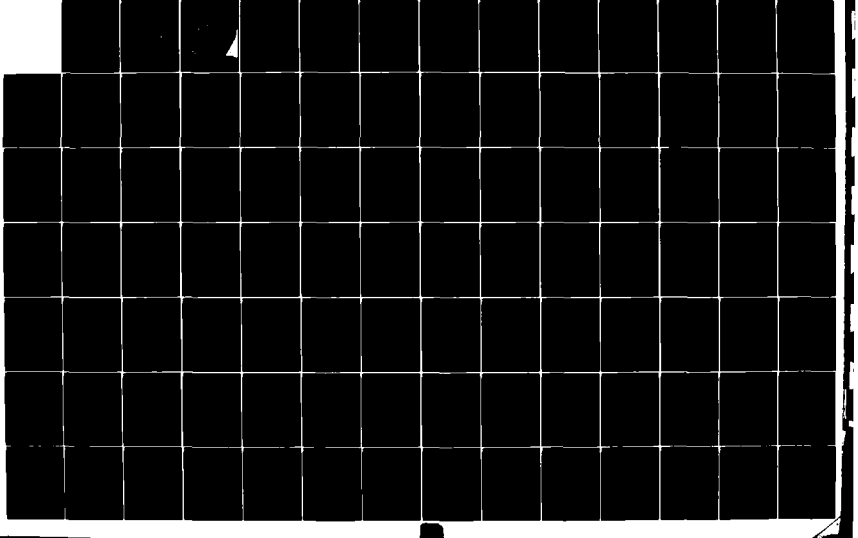
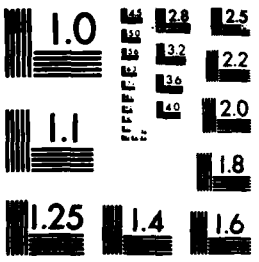
AD-A150 499 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
DALLAS TEXAS(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE NC AUG 84

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A150 599

STATION: #93901 Dallas, TX

PERIOD: HOURLY 1/73-12/82
DAILY 3/45-12/82

JOB NO. 72006 DATE August 1984

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

PREPARED FOR
COMMANDER,
NAVAL OCEANOGRAPHY
COMMAND
NSTL MS 39529

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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7. AUTHOR(s) NA		8. CONTRACT OR GRANT NUMBER(s)
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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

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
93901	Dallas, Texas	32°44'N	96°58'W	495	KNBE	

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.	Weather service office	USN	1949	1957	32°44'N	96°58'W	469	Tonnelot	Var
2.	" " "	"	1957	1967	"	"	"	"	24
3.	" " "	"	1967	1969	"	"	"	"	24
4.	Removed November 1969								
1a.	Weather service office	"	1961	1967	"	"	474	Aneroid	24
1b.	" " "	"	1967		"	"	"	"	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.	Installed	Atop building 20	Unknown	Unknown	75'	1. Barograph (ML-3) 2. Auto Met station (AN/GMQ-29) 3. Cloud height set (AN/GMQ-13) 4. Transmissometer (AN/GMQ-10C) 5. Ceiling light (ML-121)
2.	1961	1600 feet northwest of weather service office, adjacent to runway 17-35	AN/UMQ-5	RD-108	10'	
3.	1966	500 feet east of center line of runway 17-35 and 350 feet southwest of center line of taxiway #3	"	RD-108B	15'	
4.	1975	500 feet east of center line of runway 17 - 35	"	RD-447/GMQ 29	18'	

NWSD, Federal Building

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.

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

4

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-[illegible]	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.
JAN	1		8.1	.6	1.6		10.1	11.1	.3	.2		11.2	713
	07	1.0	9.2	1.5	1.6		12.2	14.5	.3			14.2	713
	13		7.1	2.3	1.3		10.6	15.6	.6			15.4	713
	19		7.7	1.9	.6		10.3	24.2	2.9			24.3	713
	12	.6	8.4	1.9	2.5		12.8	11.2	1.1		.3	14.1	713
	18		8.7	.6	1.6		10.6	13.6	1.3			15.2	713
	17	1.0	7.1	1.3	1.9		9.7	14.2	2.4		.3	16.5	713
	21	.3	9.4	1.6	1.3	.3	11.5	11.5	1.3		.3	11.6	713
TOTALS		.4	8.2	1.4	1.6	.0	11.0	14.3	1.3	.0	.1	15.7	2488

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-[illegible]	[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	20		6.4	.7	2.1		7.6	7.4			.7	8.9	2[illegible]
	23	.7	7.1	1.1	2.5		9.6	1[illegible].1	.7		.7	1[illegible].1	2[illegible]
	02		5.7	1.1	3.5		9.5	1[illegible].6	.7		1.4	1[illegible].7	[illegible]
	05	.4	7.1	.7	3.2		10.5	7[illegible].7	6.4		.7	5[illegible].1	[illegible]
	11		7.4	1.1	2.1		9.6	13.[illegible]	7.1	.4	.4	17.[illegible]	[illegible]
	14		6.4	.7	.7		7.[illegible]	11.[illegible]	2.1			1.[illegible]	[illegible]
	17		5.[illegible]	.4	.7		[illegible].[illegible]	[illegible].[illegible]	2.[illegible]		1.1	11.[illegible]	[illegible]
	21	.7	4.6	.7	.7		5.7	[illegible].4	.4		.7	7.1	[illegible]
TOTALS		.2	6.[illegible]	.2	1.9		9.3	12.9	2.[illegible]	.1	.7	1[illegible].[illegible]	[illegible]

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WEATHER CONDITIONS

STATION _____ STATION NAME DALLAS, TX YEARS 72-92 MONTH 4

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.
	03	1.3	5.5				5.6	2.5			.1	2.	2.
	09	.6	5.7				5.6	7.4			.1	2.	2.
	15	1.6	10.2		.2		10.3	10.9	.1			1.1	2.
	21	1.6	9.1	.2	.2		9.7	11.6	4.5			1.1	2.
	03	.3	5.2				5.7	3.6	2.2			2.1	2.
	09	1.0	6.4		.2		6.5	4.2	2.2		.3	2.1	2.
	15	1.3	4.2				4.2	5.1	1.2		1.1	2.2	2.
	21	2.3	5.5				5.2	7.2			1.2	2.2	2.
TOTALS		1.3	6.2	.2	.1		6.6	6.7	1.4		.2	2.7	24.

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WEATHER CONDITIONS

STATION _____ STATION NAME DALLAS, TX YEARS 77-88 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.
APR	01	1.3	6.7				8.7	2.7			.7	3.3	[illegible]
	07	1.3	5.3				9.3	4.7	.3			5.	[illegible]
	04	1.3	7.3				7.7	11.	4.7		.7	15.	[illegible]
	10	.3	7.				7.	.7	7.			16.	[illegible]
	13		9.3				9.3	.3	3.3			7.	[illegible]
	16	.7	9.				9.7	2.	7.		.3	8.7	[illegible]
	19	2.0	8.				9.	4.	7.3		1.3	7.7	[illegible]
	21	2.7	6.7				8.3	3.7	1.3		.3	5.7	[illegible]
TOTALS		1.3	6.2				8.2	3.9	2.9		.3	7.9	24 [illegible]

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	MAY

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	00	2.6	4.5				4.5	1.0	.2			1.5	310
	03	3.9	8.1				9.1	4.2	.7			4.2	310
	06	2.9	8.7				8.7	24.2	8.7			31.6	310
	09	1.6	7.1				7.1	7.4	7.4			13.3	308
	12	3.9	5.8				5.8	2.3	4.6			6.1	310
	15	1.6	5.8				5.8	1.3	3.2			4.5	310
	18	3.2	4.8				4.8	1.3	2.6			3.9	310
	21	5.5	6.8				6.8	.6	1.3			1.7	310
TOTALS		3.2	6.5				6.5	5.5	3.2			5.4	2879

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WEATHER CONDITIONS

[illegible] DALLAS, TX 73-82 JUN
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.
JUN	00	2.7	4.3				4.0						300
	03	4.0	5.0				5.7	1.3				1.3	300
	06	7.3	5.0				8.0	7.3	6.7			12.3	300
	09	2.3	3.7				7.7	1.3	3.7			5.0	300
	12	1.0	3.7				3.7	.7	1.7			2.3	300
	15	1.0	2.3				2.3	.3	.3			.7	300
	18	2.3	2.3				2.3		.3			.3	300
	21	2.3	3.3				7.3		.3			.3	300
TOTALS		2.4	3.9				5.6	1.4	1.6			2.8	2400

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WEATHER CONDITIONS

[illegible] DALLAS, TX 73-92 JUL
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.
JUL	[illegible]	1.6	2.5				2.9		1.3			1.3	309
	07	.6	2.3				2.3	.3	1.3			1.6	310
	06	1.0	1.6				1.6	2.6	6.1			7.7	311
	04	.3	2.6				2.6	1.6	4.2			5.2	310
	12	.3	2.3				2.3	.3	2.6			2.9	310
	13	2.3	2.6				2.6	.5	1.6			1.9	310
	15	4.2	5.2				5.2	.6	2.6			3.2	310
	11	2.6	3.5				3.5	.3	1.3			1.6	310
TOTALS		1.6	2.9				2.9	.7	2.6			3.2	2973

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WEATHER CONDITIONS

STATION _____ DALLAS, TX STATION NAME _____ YEARS _____ SEP 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.
SEP	00	.3	5.7				5.4	1.3	1.3			2.7	300
	03	.7	6.3				4.3	4.0	1.7			5.0	300
	06	.3	7.7				7.7	13.3	9.7			20.0	300
	09	1.0	8.7				8.7	11.4	12.4			19.7	305
	12	.3	5.3				5.7	7.3	7.7			13.7	300
	15	.7	4.7				4.7	1.7	3.3			7.7	300
	18	.7	5.7				6.7	1.7	3.7			5.0	300
	21	1.3	6.4				6.4	2.7	1.3			4.0	300
TOTALS		.7	6.3				6.3	4.8	5.0			9.4	2400

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4

WEATHER CONDITIONS

[illegible] | DALLAS, TX | 72-[illegible] | 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]	00	.6	1.3				1.9		.3			.3	310
	03	1.0	1.3				1.3	.3	.3			.6	310
	06	1.3	2.6				2.6	4.2	14.2			16.1	310
	09	.6	3.2				3.2	1.9	6.1			6.4	310
	12	.3	2.3				2.3	.3	3.9			4.2	310
	15	1.3	1.9				1.9		1.6			1.6	310
	18	1.6	2.6				2.6		1.9			1.9	310
	21		1.3				1.3	.3	.6			.6	310
TOTALS		.8	2.1				2.1	.9	3.9			4.3	2480

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	OCT

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	00	1.3	5.5				6.5	[illegible]				3.[illegible]	[illegible]
	03	.6	4.5				4.5	3.[illegible]				3.[illegible]	[illegible]
	06	1.0	6.5				6.5	[illegible].4	1.[illegible]			9.0	[illegible]
	09	1.0	6.5				6.5	[illegible].0	5.[illegible]			12.9	[illegible]
	12	.3	5.[illegible]				5.[illegible]	2.9	1.[illegible]		.[illegible]	6.2	[illegible]
	15	.3	4.5				4.5	[illegible].3	.6			2.9	[illegible]
	18	1.3	4.5				4.5	[illegible].0	1.[illegible]			[illegible].[illegible]	[illegible]
	21	.6	3.2				[illegible].2	2.3	.[illegible]			2.6	[illegible]
TOTALS		.8	[illegible].1				[illegible].1	[illegible].3	1.4		.0	[illegible].4	248[illegible]

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WEATHER CONDITIONS

DFW | DALLAS, TX | 73-82 | NOV
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.
NOV	01	.7	5.4		.3		5.7	6.0				6.0	300
	07	.3	6.7		.3		7.3	8.3				8.3	300
	13	.7	7.3				7.3	12.7	.3			13.0	300
	19		6.7				6.7	17.7	4.7			21.3	300
	01		5.7		.3		6.0	9.0	2.0			11.0	300
	07	.3	5.3		.7		6.3	1.3	2.0			6.0	300
	13	.7	5.7	.3			6.0	0.7	1.7			3.7	300
	19		4.7				4.7	2.7	.3			3.7	300
TOTALS		.2	5.2	.2	.2		6.2	7.7	1.4			9.8	2400

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WEATHER CONDITIONS

[illegible] | DALLAS, TX | 72-82 | DEC
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.
DEC	00		5.8	.3	.2		6.1	7.4	.6		.2	8.1	713
	03	.6	5.3	.6	.3		6.6	9.1	.6		.2	9.7	713
	06	.3	7.1		.2		7.4	9.4	.3		.3	9.4	713
	09		6.3				6.4	12.3	4.6			15.6	319
	12	.3	7.4		.2		7.4	7.7	2.6			10.5	713
	15		5.3	.2	.2		6.1	7.1	3.2		.3	10.3	713
	18		5.6				6.2	7.1	2.5		.6	10.4	708
	21		5.4	.3			6.1	6.6	.8		.3	7.4	709
TOTALS		.2	6.1	.2	.2		6.5	8.2	1.8		.3	11.8	2471

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WEATHER CONDITIONS

[illegible] | DALLAS, TX | 77-[illegible] | ALL
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.
JAN	ALL	.4	3.2	1.4	1.5	.2	11.2	14.3	1.2	.2	.1	1[illegible].2	24[illegible]
FEB		.2	6.2	.8	1.9		9.2	1[illegible].1	2.1	.1	.2	11.1	22[illegible]
MAR		1.3	6.5	.2	.1		8.3	4.2	1.4		.5	5.2	24[illegible]
APR		1.1	5.1				6.2	2.2	2.4		.3	[illegible].4	24[illegible]
MAY		2.2	6.3				8.3	1.2	2.2			[illegible].4	24[illegible]
JUN		[illegible].4	3.1				3.3	1.4	1.6			2.2	24[illegible]
JUL		1.0	2.2				2.2	.2	2.2			2.2	2479
AUG		.3	2.1				2.1	.2	3.2			[illegible].3	24[illegible]
SEP		.2	6.2				5.2	4.1	2.4			6.2	24[illegible]
OCT		.5	5.1				5.1	3.3	1.4		.2	5.4	24[illegible]
NOV		.3	5.2	.1	.2		6.2	5.2	1.4			6.3	24[illegible]
DEC		.2	6.2	.2	.2		6.5	5.4	1.5		.2	12.0	2473
TOTALS		1.1	5.5	.2	.3	.0	5.2	6.2	2.4	.2	.2	5.4	29212

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible] DALLAS, TX STATION NAME — JANUARY 1973-DECEMBER 1982 YEARS — JANUARY MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.3	.6	6.8	2.5	.3	1.6			12.4		.6			82.3
NNE	3.7	.9	6.4	4.6	.9	5.5		.9	21.1		.9			73.4
NE	11.3		13.2	1.3	1.3				23.7		1.3			71.1
ENE	10.5	2.1	14.9	10.6	4.3	4.3		2.1	36.2					51.1
E	11.5	1.3	12.8	2.6					17.9		3.8			65.4
ESE	5.3		4.3						27.5		5.8			66.7
SE	3.1	1.1	7.8	1.1					16.7	2.2				78.9
SSE	3.5	1.5	2.1		.5			.5	12.4	.5	1.5			82.9
S	1.3	.9	.9	.3		.3		.3	8.7	.6	1.8			87.5
SSW	2.1	.6							4.3		1.2			91.5
SW	3.2	1.9							3.3				1.9	90.4
WSW	2.4	2.4			2.4		2.4	2.4	9.5		2.4			83.3
W	3.5	1.8	1.8	1.8	1.8				14.5		3.6		1.8	74.5
WNW	2.7	2.7	5.3	1.3		2.7		1.3	16.0					81.3
NW	3.2	3.2	4.8	1.1	1.6	2.7		1.6	16.1	.5	.5			78.5
NNW	2.4	1.8	3.6	2.2	.4	2.2			11.3		.7	.4		85.7
VARIABLE														
CALM	1.3	.6	4.9	1.3	.3	.3			16.5	1.1	1.6			72.5
TOTAL	97	31	112	36	13	28	1	9	351	9	33	1	2	1998
% TOTAL	3.1	1.3	4.5	1.5	.5	1.1	.0	.4	14.2	.4	1.3	.0	.1	80.6

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION: [illegible] | STATION NAME: DALLAS, TX | YEARS: JANUARY 1973-DECEMBER 1982 | MONTH: FEBRUARY

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 SNOW AND/OR	[illegible] WEATHER
N	7.7	.4	4.5	1.8	.9	2.7			7.2		3.1			74.9
NNE	7.6		3.8	1.3	2.5	3.8			17.7		5.1			73.4
NE	14.7	2.1	4.3	4.3	6.4	6.4		2.1	23.4		4.3			59.6
ENE	7.7		11.5	11.5	3.8				23.8					69.2
E	12.7		8.8	7.5	2.5	5.0			23.8		1.3			69.8
ESE	5.1	2.6	6.4		1.3			1.3	14.1	1.3	3.8			76.9
SE	3.7	1.0	4.0					1.0	10.2	2.0	1.0			78.8
SSE	2.7		.6		.6				10.9	.0	3.3			84.4
S	1.2		1.4						7.3	.5	.9			90.2
SSW	.9	.6	1.2						4.3					91.3
SW	1.4								7.1	1.5	1.6			97.8
WSW	3.4		3.6						7.1					85.7
W	3.7	1.2	1.2			1.2		1.2	4.9	1.2			1.2	85.2
WNW	3.2	1.1	1.1		1.1	3.2			7.4					82.9
NW	7.0	3.0	1.2		.6	.6		.6	12.7		1.2			87.1
NNW	2.7	.4	1.3	.9	2.2	3.1			14.5		4.4	.4		78.1
VARIABLE														
CALM	2.6		2.6						1.1	1.0	2.6			85.7
TOTAL	93	14	56	18	19	28		5	381	10	46	1	1	1999
% TOTAL	3.7	.6	2.5	.8	.8	1.2		.2	12.5	.4	2.0	.0	.0	82.4

TOTAL NUMBER OF OBSERVATIONS 2,29[illegible]

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4431-84321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible] | STATION NAME DALLAS, TX | YEARS JANUARY 1973-DECEMBER 1982 | MONTH MARCH

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 [illegible]	BLOWING [illegible]	% OCCURRENCE
N	[illegible]	3.1	1.6	.5	.5	.5		2.6	7.1		2.1			[illegible]
NNE	[illegible]	5.0	2.5					2.5	5.[illegible]		3.9			[illegible]
NE	[illegible]	5.9	5.9					3.9	13.7					76.5
ENE	1.1	5.6	1.4						7.2	1.4	4.3			76.6
E	1.[illegible]	4.7	1.9					.9	14.0	.9	4.7			72.6
ESE	6.9	7.6	3.1					3.1	15.3		3.1			74.8
SE	1.[illegible]	5.8	1.5					1.5	15.3	.7	1.5			76.6
SSE	2.[illegible]	2.4	3.1					1.0	[illegible].4		1.4			85.4
S	1.[illegible]	1.6	.8					.[illegible]	4.7	.2	.4			92.[illegible]
SSW	1.2	1.2	.6					1.6	[illegible].5	.6	.6			90.[illegible]
SW		1.6						3.1	4.7		1.6			85.9
WSW		[illegible].[illegible]								[illegible].[illegible]				[illegible]
W		1.3						1.3	2.6				1.3	[illegible]
WNW	1.[illegible]	2.4						3.5	2.4					91.[illegible]
NW	[illegible].[illegible]	3.6			.[illegible]			7.2	2.7					[illegible].[illegible]
NNW	.[illegible]	.9	.5						[illegible].3		.9			[illegible].9
VARIABLE														
CALM	[illegible]	1.[illegible]						1.[illegible]	[illegible].1	1.[illegible]	1.[illegible]			[illegible]
TOTAL	[illegible]	[illegible].2	71	1	2	1		42	164	6	34		1	21[illegible]
% TOTAL	[illegible].3	2.[illegible]	1.3	.[illegible]	.1	.[illegible]		1.7	[illegible].6	.3	1.4		.0	86.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

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4431-54321

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DALLAS, TX JANUARY 1973-DECEMBER 1982 APRIL

STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	[illegible] WEATHER
N	[illegible].4	4.7	2.7					1.4	[illegible].1	1.4	1.4			[illegible]1.8
NNE	3.3	4.4	2.2						[illegible].7	2.2	2.2			[illegible]3.3
NE		5.6							13.9					[illegible]7.3
ENE	4.0	4.0						4.0	12.0					[illegible]4.0
E	2.[illegible]	8.4						.9	10.3		.9			[illegible]1.[illegible]
ESE		[illegible].4	.8					.8	6.2		6.2			[illegible]6.9
SE	2.[illegible]	5.8	1.9					4.3	7.2	.5	6.3			[illegible]7.9
SSE	[illegible].2	3.3	1.1					.5	5.2	.5	2.5			[illegible]8.5
S	.[illegible]	2.9	.8					1.4	2.9	.2	2.2			[illegible]1.2
SSW	[illegible].2	2.2	.7					1.4	[illegible].8		1.4			89.9
SW		6.1						2.0	10.2		2.0			[illegible]1.6
WSW		13.6						13.[illegible]	4.5		4.5		[illegible].1	6[illegible].2
W	1.[illegible]	1.8							3.6				1.[illegible]	89.1
WNW	1.3	3.9							1.[illegible]	1.3	1.3		1.[illegible]	[illegible]3.9
NW			.9						1.7					97.4
NNW	[illegible].1	3.5						.7	[illegible].0	.7	2.1		.7	89.4
VARIABLE														
CALM	[illegible].2	1.1						.[illegible]	[illegible].5	1.[illegible]	3.2			[illegible]9.[illegible]
TOTAL	4	89	[illegible]1					32	139	13	59		5	[illegible]2[illegible]7
% TOTAL	1.[illegible]	3.7	.9					1.3	5.4	.5	2.4		.2	[illegible]7.4

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]3

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4431-54321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DALLAS, TX — JANUARY 1973-DECEMBER 1982 — MAY

STATION — STATION NAME — YEARS — MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.0	6.8	1.5					5.3	6.1		1.5			84.1
NNE	2.3	8.1						9.3	3.5		4.7			82.6
NE	2.3	7.0						4.7	2.3		2.3			86.0
ENE	2.8	10.2						8.2	4.1		4.1			79.6
E	2.6	6.8						1.7	8.5		15.3			72.6
ESE	2.1	3.5	.7					2.8	6.4		9.2			79.4
SE	1.9	2.1	1.6					1.6	5.3		3.7			88.5
SSE	.5	3.2						3.2	3.2	.3	2.1			90.0
S	.2	2.0	.3					.7	3.4	.3	3.7			91.4
SSW	2.5	7.4						3.3	5.2					82.0
SW		9.4						9.4						90.6
WSW														100.0
W	2.3	2.3	2.3					7.0	4.7					90.7
WNW	2.0	4.1						8.2	4.1					85.7
NW	2.2	10.8	1.1					6.5	8.6	1.1				80.6
NNW	.8	9.0	1.6					4.1	7.4	.8	1.6			83.6
VARIABLE														
CALM	3.4	6.2	.5					3.6	9.5	.9	3.5			83.4
TOTAL	34	113	14					78	129	7	88			2137
% TOTAL	1.4	4.6	.6					3.1	5.2	.3	3.5			86.2

TOTAL NUMBER OF OBSERVATIONS 2,479

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION [illegible] | STATION NAME DALLAS, TX | YEARS JANUARY 1973-DECEMBER 1982 | MONTH JUNE | HOURS [illegible] 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	5.6	7.9						5.6	3.4					85.4
NNE	1.7	1.7						3.4	5.1		3.4			89.8
NE	3.7	1.9						5.6	1.9		7.4			85.2
ENE	1.7	3.4						1.7	1.7		6.9			87.9
E		3.3						3.3	1.7					92.5
ESE	.7	5.7	.7					1.4	.7		5.0			88.7
SE	3.2	3.3						3.3	1.6	.5	2.7			89.6
SSE	.7	1.2						1.4	.3		.9			97.1
S	.4	.7						1.1	.2	.1	.9			97.3
SSW	.7	1.7						1.7	1.1		1.7			94.9
SW		2.9						2.9						97.1
WSW	3.3	4.2						16.7		4.2				79.2
W									7.7		7.7			92.3
WNW		11.1						11.1						83.3
NW	1.7	10.0						16.7	6.7					76.7
NNW	2.9	4.4						2.9	4.4					89.7
VARIABLE														
CALM	1.4	4.3						2.1	2.1	1.4	1.4			90.8
TOTAL	23	58	1					57	28	5	39			2243
% TOTAL	1.2	2.4	.0					2.4	1.2	.2	1.6			93.8

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DALLAS, TX JANUARY 1973-DECEMBER 1982 JULY

STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible].1	14.6	5.3					10.4	10.4		4.2			70.8
NNE		2.4						2.4	4.8		7.1			83.3
NE		7.7						2.6		2.6	7.7			82.1
ENE	3.7	5.6						7.4			13.0			75.9
E		6.4						5.6	.8		8.0			85.6
ESE	.7	1.5						2.2	.7		7.4			88.1
SE	.[illegible]	1.5	.4					1.2	.4	.8	1.5			95.[illegible]
SSE	.7	.5	.2					.7			.5			97.8
S		1.3	.1					.6			1.0			97.1
SSW		.7						.7			1.0			97.6
SW		1.5									1.5			97.0
WSW	[illegible].4	3.4												93.1
W	4.[illegible]	4.8						4.8						90.[illegible]
WNW		20.0						10.0						80.0
NW								5.3						94.7
NNW		3.1						3.1						96.4
VARIABLE														
CALM	[illegible]	[illegible]						.5	.5	[illegible].5	[illegible].4			[illegible]
TOTAL	13	52	6					40	11	6	65			2322
% TOTAL	.5	2.1	.2					1.6	.4	.2	2.6			93.7

TOTAL NUMBER OF OBSERVATIONS 2,479

NAVWEASERVCOM

4431-84321

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DALLAS, TX — JANUARY 1973-DECEMBER 1982 — AUGUST

STATION — STATION NAME — YEARS — MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		5.6						1.4	4.2		5.6			88.7
NNE	3.[illegible]	5.7						3.8	3.8		7.5			81.1
NE	[illegible]	4.3						2.2	8.7		6.7			75.3
ENE	3.[illegible]	5.4						3.6	3.6		7.1			93.9
E		1.2						1.2	1.2		4.8			93.4
ESE									.5		3.9			95.6
SE		1.5						1.1			3.0			95.1
SSE	.[illegible]	.7						.7	.5		2.[illegible]			96.3
S	.[illegible]	.5						.2			1.6			97.7
SSW		1.4						.5			2.3			95.9
SW	2.[illegible]										2.[illegible]			95.[illegible]
WSW		9.1						4.5						90.9
W	7.1	7.1												85.7
WNW	2.2								11.1					77.8
NW		15.8						5.3			5.3			78.9
NNW								2.3	2.3		9.1			88.6
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	1[illegible]	97						21	22		95			2310
% TOTAL	.[illegible]	1.5						.8	.9		3.9			93.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] DALLAS, TX JANUARY 1973-DECEMBER 1982 SEPTEMBER
STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	2.1	2.5					.4	[illegible].2	.4	6.7			78.[illegible]
NNE	15.2	6.4	2.4					2.4	9.6		5.6			69.6
NE	14.[illegible]	2.0						2.0	9.9	3.[illegible]	5.9			74.3
ENE	5.[illegible]	1.1							[illegible].2		11.5			78.[illegible]
E	[illegible].4	2.0						1.[illegible]	4.0	.7	7.4			86.6
ESE	1.3	1.9	.6						3.8	1.3	2.5			91.7
SE	1.[illegible]	1.0						.[illegible]	.5	1.0	5.4			91.2
SSE	.[illegible]	2.1	.3					1.0	1.4	.7	2.4			93.[illegible]
S	.3	1.[illegible]						.[illegible]	.5		2.1			95.[illegible]
SSW	.[illegible]	1.7						.8		.[illegible]	4.1			92.6
SW		5.7						2.9	2.9		2.9			91.4
WSW									11.1		11.1			77.8
W	[illegible].7	20.0						6.7						73.3
WNW	14.3	4.8							4.8					81.[illegible]
NW	[illegible].3	2.1								6.3	10.4			77.1
NNW	4.1	.8	3.3						7.4	.8	8.2			80.3
VARIABLE														
CALM	[illegible]	[illegible].0	[illegible].3						[illegible].4	[illegible].7	[illegible].7			[illegible].5
TOTAL	[illegible]	50	16					16	93	21	119			2085
% TOTAL	3.[illegible]	2.1	.7					.7	3.9	.9	5.0			86.9

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

3??/. (STATION) DALLAS, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) (HOURS)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.[illegible]	2.6						1.0	4.1				.5	89.7
NNE	4.7	4.7	7.1						10.6					83.5
NE	10.3	1.7						1.7	8.6		1.7			79.3
ENE	7.7	3.8						1.9	7.7					84.6
E	.9	.9							3.7		1.8			93.6
ESE	2.4	3.1						1.6	3.9	.8	3.1			86.6
SE	1.1	2.6	.5					1.0	3.2		1.6			91.[illegible]
SSE	1.1	1.1						.4	2.8	.4	2.5			92.9
S	1.9	1.9	.2					.4	3.8	.6	1.7			92.3
SSW	1.7	.6						1.7	3.5		.6			93.6
SW		3.0							4.5		1.5			93.9
WSW		5.6												94.4
W	6.5	3.2						6.5		3.2	3.2			87.1
WNW	7.5	2.5							5.0	2.5	2.5			87.5
NW	1.[illegible]	2.6						2.6		1.3				93.4
NNW	3.[illegible]	1.5	1.5						1.5					93.2
VARIABLE														
CALM	1.7	1.9						.3	1.9	.5	1.7			91.1
TOTAL	66	50	10					20	97	10	35		1	2257
% TOTAL	2.7	2.0	.4					.8	3.9	.4	1.4		.0	91.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DALLAS, TX — JANUARY 1973-DECEMBER 19[illegible] — NOVEMBER

STATION — STATION NAME — YEARS — MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.4	2.1	3.0			.9			12.4		1.7			81.1
NNE	7.9		1.3	1.3				1.3	15.8		2.6			76.3
NE			5.7						14.3		5.7			85.7
ENE			15.8						21.1					78.9
E	6.3	3.3	6.7					3.3	20.0		6.7			66.7
ESE	3.7	1.2	1.2						11.1					86.4
SE	3.1		3.9						12.5		1.6			85.2
SSE	2.4	2.4	.8						7.3		.8			88.7
S	1.4	.7	.5					.2	7.5	.2	1.2			90.1
SSW	.9								2.4	.6	.6			96.4
SW		1.7							5.4					94.9
WSW	2.4							2.4						97.6
W	6.4	10.2	1.7					5.1	3.4					81.4
WNW	2.2	6.5	3.2						7.5					88.2
NW	3.4	.7	2.7			.7			7.5		1.4			89.1
NNW	2.6	.5	2.1		.5	1.5			6.2		2.6			88.7
VARIABLE														
CALM	1.4	.6	.6						6.5		.2			88.6
TOTAL	69	34	44	1	1	5		6	206	2	33			2098
% TOTAL	2.9	1.4	1.8	.0	.0	.2		.3	8.6	.1	1.4			87.4

TOTAL NUMBER OF OBSERVATIONS 2,400

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4431-54321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DALLAS, TX JANUARY 1973-DECEMBER 1982 DECEMBER

STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.3	2.1	3.8		.4			.4	[illegible].3		3.3			[illegible]4.2
NNE	6.0	4.5	3.0			1.5		1.5	11.9		6.0			73.1
NE	20.7		10.3						[illegible]1.0		10.3			58.6
ENE	16.1	3.2	16.1						35.5		9.7			53.1
E	6.0	8.0	6.0						18.0		4.0			70.0
ESE	3.0	3.0	3.0						19.4		3.0			77.6
SE	2.3		4.6						[illegible].2		2.8			[illegible]8.1
SSE	.9	.9	2.7					.5	7.8	.9	3.2			[illegible]8.1
S	.9	.9	.9						[illegible].1	.4	1.8			[illegible]1.5
SSW		.4	.4						[illegible].2		.4			[illegible]7.4
SW									[illegible].1				1.5	[illegible]3.8
WSW		2.0												[illegible]5.9
W	1.2		1.2						2.4		1.2		1.2	[illegible]1.9
WNW	1.1	2.2	4.4		1.1			1.1	[illegible].6	1.1				[illegible]8.9
NW	2.4		3.0	.6					[illegible].5		1.2			[illegible]1.7
NNW	[illegible]	.9	5.2	1.6	.4	.4			11.2	.4				[illegible]2.3
VARIABLE														
CALM	[illegible].7		[illegible].4						[illegible].4	[illegible].4	1.5			[illegible]9.2
TOTAL	45	27	68	5	7			4	196	7	48		2	2176
% TOTAL	2.[illegible]	1.1	2.7	.2	.1	.1		.2	7.9	.3	1.9		.1	[illegible]7.8

TOTAL NUMBER OF OBSERVATIONS 2,476

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION: [illegible] | STATION NAME: ALLA[illegible], TX | YEARS: JANUARY 1973-DECEMBER 1992 | MONTH: ALL

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	4.[illegible]	2.0	3.1	.6	.2	.7		1.4	9.4	.1	2.4		.0	82.[illegible]
NNE	5.7	3.8	2.7	.7	.3	1.1		2.2	1[illegible].3	.2	3.d			78.[illegible]
NE	[illegible].1	2.9	3.1	.5	.7	.5		2.1	12.4	.7	4.4			76.4
ENE	5.[illegible]	3.9	3.6	1.3	.5	.3		2.4	11.7	.2	5.3			77.[illegible]
E	3.[illegible]	3.7	2.0	.6	.2	.3		1.7	8.3	.2	5.1			81.6
ESE	[illegible].2	3.0	1.6		.1			1.2	7.1	.3	4.6			85.1
SE	1.[illegible]	2.3	1.6	.[illegible]				1.5	5.5	.5	2.9			97.8
SSE	1.[illegible]	1.7	.8		.1			.9	4.2	.3	1.9			91.3
S	.7	1.3	.4	.[illegible]		.[illegible]		.5	3.1	.2	1.6			93.5
SSW	.[illegible]	1.3	.2					.9	2.7	.1	1.1			93.6
SW	.[illegible]	2.4						1.[illegible]	3.2	.2	1.1		.3	91.9
WSW	1.[illegible]	3.5	.3		.3		.3	2.7	2.1	.5	.[illegible]		.5	89.9
W	[illegible].3	3.1	.9	.2	.2	.2		2.2	4.2	.4	.9		.9	86.[illegible]
WNW	2.[illegible]	3.9	1.8	.1	.3	.7		1.9	6.[illegible]	.4	.3		.1	87.6
NW	2.[illegible]	3.[illegible]	1.9	.3	.4	.6		2.3	7.5	.5	1.1			86.4
NNW	3.1	1.9	2.1	.7	.4	.9		.6	7.9	.2	2.1	.1	.1	86.2
VARIABLE														
CALM	[illegible].[illegible]	[illegible].[illegible]	.9	.1	.[illegible]	.0		.6	[illegible].4	.[illegible]	[illegible].[illegible]			[illegible].[illegible]
TOTAL	64[illegible]	627	379	61	38	64	1	332	1707	98	693	2	12	25746
% TOTAL	2.2	2.1	1.3	.2	.1	.2	.0	1.1	5.8	.3	2.4	.0	.0	88.1

TOTAL NUMBER OF OBSERVATIONS 29,212

NAVWEASERVCOM

NOCD. Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

4

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible], TX YEARS: 4[illegible]

	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					
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1116	1.75	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1016	2.07	[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1[illegible]	2.40	[illegible]	[illegible]
APR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1147	[illegible]	[illegible]	[illegible]
JUN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1110	[illegible]	[illegible]	[illegible]
JUL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1116	[illegible]	[illegible]	[illegible]
AUG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1147	[illegible]	[illegible]	[illegible]
SEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1117	[illegible]	[illegible]	[illegible]
OCT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1173	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1110	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1116	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	13331	32.78		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
[illegible]
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME [illegible] YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1116	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1[illegible]16	[illegible]	15.[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	1147	[illegible]	[illegible]	[illegible]
APR	[illegible]	[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]													111[illegible]	[illegible]	[illegible]	[illegible]
JUN	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]														111	[illegible]	[illegible]	[illegible]
AUG	[illegible]														114[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]														10[illegible]0	[illegible]	[illegible]	[illegible]
OCT	[illegible]														114[illegible]	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]	[illegible]					[illegible]				[illegible]		[illegible]	111	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	111[illegible]	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1[illegible]151	[illegible]		

NAVWEASERVCOM

4

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible] DAY

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME [illegible] _____ YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]								[illegible]	1 23			
FEB	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]								3.1	[illegible]			
MAR	[illegible]	[illegible]	[illegible]											[illegible]	10 9			
APR	[illegible]														[illegible]			
MAY	[illegible]														1 4			
JUN	[illegible]														[illegible]			
JUL	[illegible]														1[illegible]			
AUG	[illegible]														1[illegible]			
SEP	[illegible]														[illegible]			
OCT	[illegible]														1			
NOV	[illegible]	[illegible]		[illegible]	[illegible]									[illegible]	[illegible]			
DEC	[illegible]	1.[illegible]	[illegible]	[illegible]										[illegible]	[illegible]			
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

P RECIPITATION
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

[illegible] AMOUNT [illegible] INCH

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]				1.[illegible]	.[illegible]	1.[illegible]	1.82	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	
	.4[illegible]	1.3[illegible]		1.2	[illegible].[illegible]	.3[illegible]	.75	[illegible].0		1.12	[illegible].[illegible]	1.[illegible]	
[illegible]	.[illegible]	.[illegible]	.7[illegible]	.4[illegible]	.61		.01	[illegible].00	1.[illegible]	2.04	1.70	1.[illegible]	
	.[illegible]		.[illegible]		1.41	1.1[illegible]			.[illegible]4	.[illegible]1	.41	2.[illegible]	
		2.[illegible]			[illegible].[illegible]	1.23	.32	.[illegible]7	.10	2.43	.[illegible]	.2[illegible]	
	[illegible].1	2.31	1.4	1.11	2.[illegible]2	1.63	1.1	2.4[illegible]	2.66	.31	.[illegible]	.	[illegible]. 6
[illegible]	1.3[illegible]	.[illegible]6	1.40	.[illegible]6	.9[illegible]	[illegible].[illegible]9	.4[illegible]	.[illegible]1	.[illegible]	1.[illegible]4	.[illegible]	.[illegible]	[illegible].[illegible]
[illegible]	.65	.93	1.0[illegible]	2.[illegible]1	2.8[illegible]	.12	.4[illegible]	.[illegible]	.2[illegible]	.11	2.4[illegible]	1.1	2.[illegible]
[illegible]	.61	.3[illegible]	1.[illegible]	2.13	1.2	.[illegible]0	.77	.[illegible]2	1.3[illegible]	1.7	.96	.7[illegible]	[illegible].17
[illegible]	.[illegible]1	.[illegible]7	.4[illegible]	1.7[illegible]	[illegible].1[illegible]	1.44	.14	1.2	1.[illegible]3	1.52	1.2[illegible]	.[illegible]7	[illegible].1[illegible]
5	.68	.[illegible]7	.6	1.0[illegible]	2.0[illegible]	1.73	1.61	2.[illegible]5	.[illegible]5	.11	.[illegible]7		
	.[illegible]3	.[illegible]1	.[illegible]3	1.6[illegible]	[illegible].7[illegible]	.[illegible]1	.17	.[illegible]2	.[illegible]0	.[illegible]3	2.10	1.21	[illegible].[illegible]
[illegible]	.[illegible]1	.34	1.[illegible]	[illegible].[illegible]6	[illegible].13	.[illegible]3	.[illegible]1	.[illegible]0	1.11	1.4[illegible]	1.[illegible]6	.[illegible]7	4.[illegible]
	.[illegible]7	.[illegible]7	.7	3.44	1.[illegible]	.[illegible]1	[illegible].4[illegible]	.[illegible]4	.[illegible]7	.[illegible]3	1.34	.[illegible]5	[illegible].4[illegible]
	.[illegible]3	1.[illegible]3	1.31	.6[illegible]	2.41	1.3[illegible]	.[illegible]1	.[illegible]1	.[illegible]6	[illegible].[illegible]3	.[illegible]3	1.4[illegible]	[illegible].[illegible]2
	1.3	.[illegible]7	.4[illegible]	.[illegible]7	.6[illegible]	.[illegible]3	.[illegible]5[illegible]	2.1[illegible]	1.6[illegible]	1.[illegible]5	1.[illegible]	.[illegible]	.[illegible]
[illegible]	[illegible].[illegible]1	.[illegible]	2.[illegible]3	1.1[illegible]	.34	1.4[illegible]	.4[illegible]	.24	1.6	[illegible].[illegible]2	1.[illegible]8	.[illegible]3	[illegible].[illegible]
	.[illegible]2	.[illegible]7	.[illegible]3	1.[illegible]5	.71	1.19	1.67	2.27	1.[illegible]1	1.23	1.[illegible]5	.[illegible]7	.[illegible]
[illegible]	.[illegible]1	.[illegible]1	.1	3.[illegible]5	1.1[illegible]	1.1[illegible]	1.44	.10	.[illegible]1	.[illegible]3	.[illegible]7	1.1[illegible]	[illegible].[illegible]
	1.[illegible]7	.[illegible]4	1.2[illegible]	.[illegible]7	.99	.[illegible]8	.63	1.19	1.[illegible]7	.11	2.[illegible]7	.[illegible]1	.[illegible]1
[illegible]	.[illegible]3	1.[illegible]4	.71	.71	[illegible].[illegible]3	.[illegible]7[illegible]	.[illegible]7	.[illegible]7	[illegible].[illegible]7	.[illegible]4	1.[illegible]0	.[illegible]7	4.[illegible]3
5	.[illegible]1	2.[illegible]2	1.[illegible]2	2.1[illegible]	.[illegible]1	1.4[illegible]	.[illegible]4	1.[illegible]1	.[illegible]7	1.[illegible]3	.[illegible]4	.[illegible]2	[illegible].[illegible]7
[illegible]	.[illegible]1[illegible]	.[illegible]2	.[illegible]1	1.1[illegible]	1.14	1.[illegible]	1.3[illegible]	.[illegible]2	1.4[illegible]	1.2[illegible]	.[illegible]4[illegible]	.[illegible]5[illegible]	1.4
	.71	.[illegible]3	1.53	.41	1.21	.[illegible]1	1.[illegible]4	3.12	1.3[illegible]	.44	1.74	.[illegible]0	[illegible].1
[illegible]	1.2[illegible]	.[illegible]6	.77	1.[illegible]4	4.11	.[illegible]2[illegible]	.[illegible]4	.[illegible]73	.[illegible]8	3.19	.[illegible]2[illegible]	.[illegible]7[illegible]	[illegible].[illegible]1
	.44	1.4[illegible]	.[illegible]6	1.71	.[illegible]0	.01	.3[illegible]	1.[illegible]7	2.[illegible]2	.[illegible]3	.[illegible]1	.[illegible]7	.[illegible]1
[illegible]	.[illegible]2[illegible]	.[illegible]5	.[illegible]2[illegible]	1.[illegible]1	1.60	.[illegible]5[illegible]	1.53	1.14	.41	2.[illegible]2	.[illegible]5	3.[illegible]2	[illegible].[illegible]
	.[illegible]7	.[illegible]2	.11	2.[illegible]1	.[illegible]8	.[illegible]5	1.[illegible]3	.[illegible]4	1.[illegible]1	1.[illegible]9	.[illegible]3	.1	[illegible].[illegible]
	1.[illegible]7	1.[illegible]4	1.23	.[illegible]7	.61	4.[illegible]9	1.[illegible]4	.[illegible]5	3.1[illegible]	2.22	.6[illegible]	.[illegible]1	4.[illegible]7
	.[illegible]3	.[illegible]5	.[illegible]2	1.[illegible]7	4.[illegible]7	[illegible].33	.[illegible]7[illegible]	1.12	1.[illegible]2	2.[illegible]7		.7	
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION | DALLAS, TX STATION NAME | YEARS

(MAXIMUM 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
						2.1							
					1.6								
												1.7 1.	
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

GREATEST AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	1.43	2.17	.95	2.41		.40	5.68	.13	.57	.01	.2[illegible]	1.44	
[illegible]6	.1[illegible]	.55	.79	3.2[illegible]	1.82	.76		.6[illegible]	3.05	1.39	.55	.7[illegible]	
7	.[illegible]4	1.29	5.16	1.7[illegible]	.3[illegible]	.27	1.20	[illegible].80	1.37	2.09	.61	.1[illegible]	[illegible].[illegible]0
7	.[illegible]3	1.48	1.[illegible]3	.[illegible]5	1.17	.66	.37	1.[illegible]	.97	.47	.26	1.27	1.[illegible]0
[illegible]	.[illegible]5	.62	2.61	1.4[illegible]	4.21	.66	.81	1.2[illegible]	1.14	.93	.14	1.4[illegible]	4.[illegible]1
	1.33	.[illegible]0	.87	.97	.99	.41	.43	.26	4.57	1.2[illegible]	.[illegible]		
1	.2[illegible]	.42	.[illegible]3	.79	2.01	1.[illegible]	1.56	.74	1.4[illegible]	2.26	.72	.1[illegible]	2.[illegible]6
[illegible]	1.62	1.17	.4[illegible]	.75	1.71	.91	2.25	.21	.93	.94	1.73	.9[illegible]	2.[illegible]5
MEAN	.7[illegible]	.[illegible]1	1.1[illegible]	1.55	1.[illegible]	1.12	1.0[illegible]	1.[illegible]0	1.[illegible]3	1.40	1.[illegible]4	.[illegible]5	[illegible].[illegible]2
S D.	.[illegible]1[illegible]	.[illegible]45	.91[illegible]	.955	1.49[illegible]	.91[illegible]	1.052	1.614	.999	.976	.759	.65[illegible]	1.[illegible]06
TOTAL OBS.	111[illegible]	1[illegible]15	1[illegible]8[illegible]	1[illegible]3	114[illegible]	111[illegible]	1116	1147	1110	1176	1110	1116	1[illegible]331

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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
MEAN													
S.D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SN FALL
(FROM DAILY OBSERVATIONS)

STATION | DALLAS, TX (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]	•	5.[illegible]	•	•		•	•	•	•	•	•	•	
6	•	•	•	•	•	•		•	•	•	5.5	•	
7	4.8	•	•	•	•	•	•	•	•	•	•	•	4.8
7[illegible]	5.[illegible]	3.7	•	•	•	•	•	•	•	•	•	1.	.7
[illegible]	1.5	2.1	•	•	•	•	•	•	•	•	•	•	.1
[illegible]	•	[illegible]	•	•	•	•	•	•	•	•	•	•	
1	•	•	•	•	•	•	•	•	•	•	•	•	•
2	•	•	.1	•	•	•	•	.0	•	•	•	•	.0
MEAN	1.2[illegible]	.9[illegible]	.1[illegible]	.00	.00	.00	.00	.0	.0[illegible]	.00	.1[illegible]	.1	[illegible]
S.D.	2.14[illegible]	1.7[illegible]	.44[illegible]	.000	.000	.000	.000	.000	.000	.00	.[illegible]04	.55	2.4[illegible]2
TOTAL OBS.	111	1016	1147	1120	1116	1080	1116	1147	1 92	1147	111[illegible]	1116	1[illegible]1

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] FALL
(FROM DAILY OBSERVATIONS)

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

24 HOUR AMOUNTS IN INCHES
(RATED ON LESS THAN FULL MONTHS)

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION | DALLAS, TX STATION NAME | YEARS

DAILY SNOW DEPTH IN INCHES

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION | DALLAS, TX | YEARS

STATION NAME

DAILY SNOW DEPTH IN INCHES
(BASED ON LESS THAN FULL MONTHS)

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

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] | DALLAS, TX | 1948-1982
STATION | STATION NAME | YEARS

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	1972	[illegible]	[illegible]	[illegible]
2	[illegible]	13	1965	[illegible]	[illegible]	[illegible]
3	[illegible]	17	1955	[illegible]	[illegible]	[illegible]
4	[illegible]	9	1957	0.4	10	1972
5	[illegible]	[illegible]	1969	[illegible]	[illegible]	[illegible]
6	[illegible]	8	1961	[illegible]	[illegible]	[illegible]
7	[illegible]	49	1961	[illegible]	[illegible]	[illegible]
8	[illegible]	12	1965	1.3	33	1969
9	[illegible]	22	1965	2.7	69	1962
10	[illegible]	25	1974	1.5	38	1979
11	[illegible]	13	1973	3.0	76	1977
12	[illegible]	27	1958	0.2	5	1982
13	[illegible]	35	1951	[illegible]	[illegible]	[illegible]
14	[illegible]	9	1946			
15	[illegible]	13	1954	0.4	10	1964
16	[illegible]	25	1964	10.0	254	1964
17	[illegible]	4	1956	0.4	10	1966
18	[illegible]	23	1956	5.0	127	1956
19	[illegible]	20	1970	3.0	76	1948
20	[illegible]	15	1948	[illegible]	[illegible]	[illegible]
21	[illegible]	34	1982	5.3	127	1978
22	[illegible]	21	1978	0.2	5	1966
23	[illegible]	10	1953	[illegible]	[illegible]	[illegible]
24	[illegible]	113	1949	1.9	45	1948
25	[illegible]	30	1973	0.1	3	1978
26	[illegible]	8	1948	T	T	1963
27	[illegible]	10	1949	0.2	5	1961
28	[illegible]	18	1968	2.0	51	1948
29	[illegible]	31	1969	1.3	33	1951
30	[illegible]	41	1982	4.4	112	1977
31	[illegible]	55	1954	1.6	41	1951
Monthly	[illegible]	113	1949	10.3	254	1964

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	59	1954			
2	[illegible]	6	1977	[illegible]	23	1956
3	[illegible]	20	1960	[illegible]	10	1956
4	[illegible]	35	1946	T	T	1981
5	[illegible]	21	1961	[illegible]	15	1961
6	[illegible]	16	1961	3.2	81	1961
7	[illegible]	27	1977	3.5	89	1978
8	[illegible]	41	1965	0.4	10	1978
9	[illegible]	69	1966	3.0	76	1980
10	[illegible]	8	1958	[illegible]	[illegible]	[illegible]
11	[illegible]	33	1977	1.0	25	1958
12	[illegible]	38	1978	[illegible]	[illegible]	[illegible]
13	[illegible]	18	1946	[illegible]	[illegible]	[illegible]
14	[illegible]	38	1959	3.2	1	1951
15	[illegible]	18	1952	[illegible]	69	1978
16	[illegible]	17	1965	1.2	30	1980
17	[illegible]	[illegible]	1973	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	1959			
19	[illegible]	15	1955	2.1	53	1959
20	[illegible]	10	1951	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	1974	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	1977	1.0	25	[illegible]
23	[illegible]	[illegible]	1949	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	1970	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	1982	[illegible]	[illegible]	[illegible]
26	[illegible]	13	1966	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	1977			
28	[illegible]	[illegible]	1968	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	1960			
30						
31						
Monthly	[illegible]	69	1966	[illegible]	[illegible]	[illegible]

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

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

MONTH: [illegible]

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	1.0	25	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MONTH: [illegible]

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

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
[illegible]	[illegible]	1 46-1[illegible]2

MONTH: [illegible]

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	86	1954			
2	[illegible]	31	1978			
3	.21	107	1979			
4	[illegible]	3	1969			
5	[illegible]	121	1974			
6	.11	104	1969			
7	[illegible]	21	1972			
8	.01	51	1981			
9	[illegible]	25	1951	-	T	1981
10	[illegible]	102	1965			
11	[illegible]	36	1948			
12	.34	53	1957			
13	[illegible]	33	1968			
14	[illegible]	39	1974			
15	[illegible]	47	1965			
16	[illegible]	37	1955			
17	[illegible]	151	1949			
18	[illegible]	24	1982			
19	[illegible]	52	1985			
20	[illegible]	32	1955			
21	[illegible]	22	1978			
22	[illegible]	17	1946			
23	.13	105	1957			
24	[illegible]	43	1982			
25	[illegible]	32	1982			
26	[illegible]	32	1982	-	T	1982
27	[illegible]	40	1981			
28	[illegible]	25	1978			
29	[illegible]	127	1946			
30	[illegible]	46	1976			
31	[illegible]	30	1946			
Monthly	[illegible]	151	1949	-	T	1982*

MONTH: J[illegible]

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.67	42	1981			
2	[illegible]	76	1951			
3	4.38	111	1977			
4	1.28	33	1955			
5	1.72	44	1981			
6	[illegible]	23	1959			
7	[illegible]	85	1974			
8	1.[illegible]3	44	1955			
9	1.[illegible]1	36	1974			
10	[illegible]	[illegible]	1977			
11	1.[illegible]	[illegible]	1945			
12	1.[illegible]	47	1945			
13	1.[illegible]	27	1945			
14	[illegible]	25	1981			
15	1.[illegible]	37	1954			
16	[illegible]	68	1951			
17	1.[illegible]	[illegible]	1961			
18	1.[illegible]	29	1955			
19	1.[illegible]	[illegible]	1947			
20	2.[illegible]	55	1947			
21	1.[illegible]	41	1951			
22	1.[illegible]	35	1959			
23	[illegible]	[illegible]	1965			
24	[illegible]	23	1968			
25	1.[illegible]	39	1949			
26	1.[illegible]	[illegible]	1948			
27	[illegible]	1	1947			
28	[illegible]	22	1948			
29	1.[illegible]	[illegible]	1951			
30	1.[illegible]	[illegible]	1967			
31						
Monthly	4.38	111	1977			

* ALSO ON EARLIER YEARS
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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] STATION | [illegible]ALLAS, TX STATION NAME | 1 [illegible]-1[illegible]2 YEARS

JULY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.[illegible]2	34	1967			
2	[illegible]	14	1949			
3	[illegible]	15	1981			
4	[illegible]	41	1945			
5	[illegible]	89	1958			
6	[illegible]	14	1956			
7	[illegible]	57	1982			
8	[illegible]	12	1968			
9	T	T	1977*			
10	[illegible]	23	1945			
11	[illegible]	47	1973			
12	[illegible]	26	1972			
13	1.3	34	1967			
14	1.[illegible]	37	1963			
15	[illegible]	11	1955			
16	[illegible]	41	1955			
17	[illegible]	24	1966			
18	[illegible]	30	1953			
19	[illegible]	14	1960			
20	[illegible]	12	1954			
21	[illegible]	11	1980			
22	[illegible]	11	1961			
23	[illegible]	14	1971			
24	1.47	37	1975			
25	[illegible]	144	1975			
26	1.[illegible]	39	1962			
27	1.67	42	1962			
28	1.[illegible]	44	1973			
29	[illegible]	21	1975			
30	[illegible]	14	1982			
31	[illegible]	14	1947			
Monthly	[illegible]	144	1975			

AUGUST MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	1977			
2	[illegible]	53	1962			
3	[illegible]	18	1979			
4	[illegible]	19	1969			
5	1.[illegible]	38	1975			
6	[illegible]	19	1974			
7	[illegible]	7	1965			
8	[illegible]	3	1974			
9	[illegible]	10	1972			
10	1.12	28	1974			
11	[illegible]	53	1955			
12	[illegible]	21	1953			
13	[illegible]	7[illegible]	1968			
14	1.14	2[illegible]	1971			
15	1.[illegible]	[illegible]	1964			
16	[illegible]	1	1981			
17	[illegible]	25	1964			
18	[illegible]	21	1951			
19	1.27	32	197[illegible]			
20	[illegible]	150	1977			
21	2.[illegible]	56	196[illegible]			
22	1.[illegible]	4[illegible]	195[illegible]			
23	[illegible]	24	197[illegible]			
24	1.[illegible]	29	1966			
25	[illegible]	24	1971			
26	1.67	43	1968			
27	[illegible]	203	1947			
28	[illegible]	76	194[illegible]			
29	2.48	63	195[illegible]			
30	[illegible]	17	1974			
31	[illegible]	23	197[illegible]			
Monthly	[illegible]	203	1947			

* ALSO ON EARLIER YEARS
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4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

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

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	79	1976			
2	[illegible]	25	1[illegible]			
3	1.[illegible]	35	1959			
4	1.[illegible]	39	1[illegible]			
5	[illegible]	21	1973			
6	[illegible]	4[illegible]	1[illegible]			
7	[illegible].2	46	1967			
8	1.1	[illegible]	1949			
9	.6	1[illegible]	1[illegible]			
10	.1	5	1974			
11	1.4	3[illegible]	1947			
12	[illegible]	41	1961			
13	.3[illegible]	[illegible]	197[illegible]			
14	1.4	3[illegible]	1967			
15	[illegible]	23	1967			
16	.[illegible]2	41	1[illegible]			
17	1.[illegible]	[illegible]	1974			
18	.[illegible]	[illegible]	1[illegible]			
19	.7	71	1958			
20	1.[illegible]2	4[illegible]	1974			
21	[illegible].7[illegible]	96	1966			
22	.[illegible]	[illegible]	1[illegible]			
23	.[illegible]	51	1[illegible]			
24	[illegible].2	41	1[illegible]			
25	.[illegible]	15	1[illegible]			
26	[illegible].1[illegible]	[illegible]7	1[illegible]			
27	.[illegible]2[illegible]	23	1[illegible]			
28	.[illegible]8	72	1[illegible]			
29	4.5[illegible]	116	19[illegible]			
30	1.[illegible]	46	1[illegible]			
31						
Monthly	4.5[illegible]	116	1[illegible]			

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible].22	1[illegible]	1[illegible]			
2	[illegible].[illegible]2	7[illegible]	1961			
3	[illegible].[illegible]2	72	1971			
4	[illegible].[illegible]5	65	1[illegible]			
5	0.4[illegible]	12	197[illegible]			
6	0.[illegible]2	13	1961			
7	[illegible].2[illegible]	57	1981			
8	[illegible].04	52	1947			
9	1.1[illegible]	2[illegible]	1961			
10	[illegible].0[illegible]	53	1977			
11	[illegible].23	57	197[illegible]			
12	[illegible].1[illegible]	81	1960			
13	1.[illegible]	5[illegible]	1[illegible]			
14	1.7[illegible]	45	1[illegible]			
15	1.2	33	1967			
16	0.3[illegible]	9	1949			
17	1.20	30	1[illegible]			
18	1.[illegible]7	5[illegible]	1971			
19	[illegible].[illegible]3	62	1971			
20	[illegible].01		1[illegible]			
21	1.[illegible]3	46	1[illegible]			
22	1.14	2[illegible]	197[illegible]			
23	1.1[illegible]	3[illegible]	1[illegible]			
24	[illegible].[illegible]2	61	1[illegible]			
25	1.[illegible]0	43	1[illegible]			
26	1.[illegible]9	51	1972			
27	[illegible].[illegible]5	22	1[illegible]			
28	1.2[illegible]	33	1[illegible]			
29	1.[illegible]0	35	1[illegible]			
30	1.[illegible]2	44	1[illegible]			
31	[illegible].2[illegible]	55	1974			
Monthly	4.22	1[illegible]	1950			

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

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

[illegible] / MONTH

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

[illegible] / MONTH

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

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

NOCD, Federal Building
Asheville, N. C.

PART C SURFACE WINDS

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

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

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

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

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

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

ONE DEPT-
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
											3		
MEAN	1.1												1.2
S.D.	1.4	1.33	.23			.00	.00	.00	.00	.00	.16	.58	1.45
TOTAL OBS.	1 23	95	1	90	1 54	1 20	1 23	1 54	1020	10 5	1 2	1023	1335

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

TATL PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	34 [illegible]	[illegible]	14 33	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
			2 [illegible]			01 [illegible]			19 [illegible]	34 [illegible]	[illegible]	34 [illegible]	
7			3	31	33		[illegible]			24 [illegible]	[illegible]	[illegible]	
7	[illegible]	[illegible]	17 34	[illegible]		19 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
7	[illegible]	3 35	[illegible]	[illegible]	[illegible]	33 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
MEAN	[illegible]	35.4	44.9	42.0	42.5	41.2	[illegible]	37.1	34.2	36.8	[illegible]	[illegible]	[illegible]
S.D	[illegible]	4.5	[illegible]	7.441	[illegible]	7.860	7.134	9.893	7.252	7.040	6.460	7.434	9.617
TOTAL OBS.	1013	[illegible]	1176	1075	1139	1043	1070	1019	[illegible]	1017	1014	1014	12232

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION | ATLAS, TX | STATION NAME | YEARS

DAILY PEAK GUSTS IN KNOTS
(BASED ON LESS THAN FULL OBSERVATIONS FOR MONTH)

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

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.2	3.2	3.5	.3	.2						11.9	6.9
NNE	1.6	1.6		.7								3.5	4.9
NE	.4	1.0	.3									2.6	4.1
ENE	.2											.3	3.0
E	1.0	1.0	1.0									3.0	4.8
ESE	.2	1.3	.6									2.3	6.0
SE	1.0	1.0	.6									2.6	5.0
SSE	.3	1.6	2.9	1.0								5.9	7.8
S	2.2	1.9	4.3	2.9	1.0							13.5	6.4
SSW	2.2	1.9	2.6	1.0								8.4	5.8
SW	1.2	.3										2.3	2.6
WSW	1.0											1.0	1.3
W	1.2	.6	1.0									2.4	5.4
WNW	.3	1.3	.6	.3								2.9	6.1
NW	.4	2.3	1.0	1.3	.6	.3						6.1	9.4
NNW	2.6	3.2	4.5	2.9								13.2	7.3
VARBL													
CALM												17.4	
	19.7	23.9	23.5	13.2	1.9	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

S [illegible]
(FROM DAILY OBSERVATIONS)

[illegible] STATION | A. LAS, TX STATION NAME | [illegible] YEARS

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
												[illegible] 4 1	[illegible]
								2 24					[illegible]
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

?? | DALLAS, TX | 73-82 | JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

06
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	3.9	4.7	2.9	.3							12.7	7.6
NNE	1.0	2.6										3.5	4.2
NE	1.3	.3										1.7	3.3
ENE	1.6	.3	1.0									2.9	4.2
E		.3	.6									1.0	5.7
ESE	1.3	.6	.3	.3								2.5	4.6
SE	.3	1.3	1.0	.3								2.9	6.2
SSE	.6	1.6	2.6	.6								5.5	6.8
S	1.6	3.2	3.9	2.6								11.3	7.6
SSW	3.6	1.6	2.6	1.3								9.1	5.9
SW	1.0	.6										2.6	2.9
WSW	1.0											1.6	2.2
W	.6	.3		.3								1.3	5.8
WNW	1.0	.6	.6	.6								2.9	6.6
NW	1.3	2.3	1.9	2.3	.3							8.2	5.9
NNW	3.2	3.9	3.2	2.9		.3						12.6	7.6
VARBL													
CALM												17.1	
	23.2	32.6	21.9	14.2	.6	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348/201

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	JAN

CLASS: ALL WEATHER

HOURS (LST): 03

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	4.5	2.3	.3							11.9	7.9
NNE	1.2	1.9	1.2	.3								5.5	5.3
NE	1.3	.6										1.9	4.2
ENE	1.2	.2										1.5	3.4
E	1.6	.5	1.2									3.2	4.3
ESE	.3	.6	1.3									2.3	6.6
SE	1.6	1.2	.6									3.2	4.5
SSE	.8	1.3	1.5	.3								3.9	6.3
S	1.6	3.9	4.2	3.9	1.0							14.5	9.5
SSW	2.3	1.2	2.6	1.0								7.7	6.5
SW	3.2	.3										3.5	2.6
WSW	.7	.6										1.2	3.0
W		.8	.2									1.0	5.7
WNW	.3	.3	1.2	.7		.3						2.7	9.1
NW	1.0	2.3	1.0	1.3								6.5	7.2
NNW	1.7	2.9	1.9	4.2	1.3							12.3	9.3
VARBL													
CALM												17.7	
	21.2	22.4	22.3	13.5	2.6	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

*US GPO 1984-741-348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] [illegible] 72-82 JAN.
STATION STATION NAME YEARS MONTH

ALL WEATHER 09
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.5	5.8	3.2	.6							14.8	8.4
NNE	1.8	1.3	.6		.3							3.8	5.3
NE		2.2	1.[illegible]									3.2	6.3
ENE		.[illegible]	.5									1.3	6.0
E	1.[illegible]	2.3										3.2	4.1
ESE		1.[illegible]	1.[illegible]									2.3	5.4
SE	.[illegible]	.6	.[illegible]	.6								1.9	8.2
SSE	1.[illegible]	1.[illegible]	2.6	.6								6.1	6.9
S	2.[illegible]	4.5	4.2	2.6	.3							13.3	7.0
SSW	2.[illegible]	2.3	1.[illegible]	2.9								9.7	7.[illegible]
SW	.3	.6		.[illegible]	.3							1.[illegible]	6.4
WSW	.[illegible]	.3										1.0	2.7
W	1.[illegible]	.[illegible]	.6	.3								3.2	5.4
WNW			1.[illegible]	.6		.3						2.3	12.3
NW	.[illegible]	1.[illegible]	1.[illegible]	1.9	1.[illegible]							6.1	10.1
NNW	.[illegible]	3.3	4.2	3.2	1.3	.3						11.[illegible]	10.1
VARBL													
CALM												13.[illegible]	
	1.[illegible]	24.8	25.2	16.5	3.9	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 317

4U.S. GPO 1984 / 421 348 201

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION — DALLAS, TX / STATION NAME — 73-82 / YEARS — JAN / MONTH

ALL WEATHER / CLASS — 12 / HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.7	2.[illegible]	4.2	1.9	.7						12.9	10.8
NNE	.7	1.4	2.3									4.5	6.5
NE	.6	1.6	.7	.3								2.9	5.8
ENE		2.1	1.0									3.6	6.1
E	.5	.6	.6									1.7	4.4
ESE	1.0	.5	.7	.3								2.3	5.6
SE	1.3	1.5	1.0	.6								5.1	5.2
SSE	1.7	2.3	3.0	1.3								9.4	6.6
S	1.7	2.5	5.2	5.2	1.0	.3						15.9	9.9
SSW		.7	1.5	1.6	.6	.3						4.9	13.2
SW	.7	.6	1.3	1.3								3.9	8.5
WSW	1.0	1.0	.5	.6		.3						3.6	6.1
W	1.2	1.0	.5	1.0								3.5	7.3
WNW	1.0	.3	1.2	.6		.3						3.6	8.7
NW	1.2	.3	2.5	1.6	1.0	.3						7.4	10.0
NNW	.7	1.3	4.2	2.9	1.3	.7						10.9	10.4
VARBL													
CALM												4.5	
	12.3	23.0	29.4	21.7	5.8	2.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 73-82 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 13

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.2	4.2	2.9	.7							12.2	8.5
NNE	1.2	1.6	1.7	.3								4.2	6.1
NE	.6	1.3	.6	.3								2.2	5.6
ENE		.7	1.6									1.9	8.2
E	1.2	1.6	.9	.3								3.1	5.6
ESE	.6	1.3	1.0									2.9	5.3
SE	1.2	1.0	1.4									3.7	5.4
SSE	2.2	2.9	2.2	2.3	.6							11.0	7.7
S	1.0	2.6	5.1	3.5	1.3	.5						15.2	10.0
SSW	.3	1.0	1.2	1.3		.2						4.2	10.3
SW		.6	.3	1.2								1.9	9.2
WSW	.2		1.0	.5	.6							2.6	11.1
W	.6	1.2		1.2								2.5	7.5
WNW		1.0	.6	1.2	.6	.2						3.9	11.4
NW		1.0	2.5	1.6	1.9							8.4	10.9
NNW	.2	1.2	4.2	5.9	1.0							12.3	11.1
VARBL													
CALM												6.1	
	10.3	22.3	30.3	27.2	6.5	1.3						100.7	5.4

TOTAL NUMBER OF OBSERVATIONS 310

#U.S. GPO 1984 /41 348 /01

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	JAN

CLASS: ALL WEATHER

HOURS (L S T): 1°

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.[illegible]	9.[illegible]	4.2	3.5								15.[illegible]	7.5
NNE	.4	1.2	1.3	.6								4.5	6.3
NE	2.4	1.9	.5									5.2	3.8
ENE	.5	1.[illegible]	.7									1.[illegible]	4.4
E	1.4	2.3	.3									4.[illegible]	4.2
ESE	1.[illegible]	2.4	1.[illegible]									4.5	4.8
SE	1.[illegible]	1.9	.[illegible]	.3								4.5	5.2
SSE	3.2	3.7	3.[illegible]	1.[illegible]								11.4	5.0
S	3.3	3.2	3.[illegible]	.6								10.[illegible]	6.3
SSW	1.4	1.3	1.[illegible]	.3								5.[illegible]	4.9
SW		.2		.[illegible]								.6	3.[illegible]
WSW	.[illegible]	.5										1.[illegible]	3.7
W	.[illegible]	.6	.2	.3								1.[illegible]	7.4
WNW	.2	1.[illegible]	.6	.6								2.[illegible]	7.[illegible]
NW	1.[illegible]	.4	1.[illegible]	3.[illegible]	.7							[illegible].1	9.8
NNW	1.0	1.0	[illegible].2	2.3	.3							9.[illegible]	6.4
VARBL													
CALM												9.	
	2[illegible].[illegible]	[illegible]0.2	[illegible]3.2	1[illegible].5	.6							1[illegible].[illegible]	6.0

TOTAL NUMBER OF OBSERVATIONS: 3[illegible]

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH JAN

CLASS ALL WEATHER HOURS (LST) 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	1.7	2.2	3.5	2.6	.7							10.7	9.1
NNE	1.3	2.7	.7	.6								5.3	4.9
NE	1.0	1.7	.3	.7								4.5	4.6
ENE	.6	.5	.7									1.9	4.6
E	1.3	1.5	1.0									4.5	5.7
ESE	.4	2.3	.7									3.3	4.7
SE	1.7	1.5	1.7									4.5	4.9
SSE	1.1	2.5	3.0	2.0								8.4	8.5
S	2.3	6.2	4.2	2.3								12.5	7.6
SSW	.4	1.3	.7	.6								3.1	6.3
SW	.4											.6	2.3
WSW	1.3	.7	.3									1.9	3.7
W	.7	1.1	.6									1.5	6.1
WNW	1.5	1.5	.6	.7								3.1	5.7
NW	1.1	3.5	2.3	1.0	.6							7.4	8.3
NNW	1.5	.5	2.3	2.0								7.4	4.4
VARBL													
CALM												17.1	
	19.4	33.7	21.5	14.5	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 311

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 2879

USCS GPO 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME DALLAS, TX YEARS 73-82 MONTH FEB

CLASS ALL WEATHER HOURS (LST) 00

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	2.5	2.1								8.9	7.4
NNE	1.4	.7	1.4									3.5	5.2
NE	.7	1.0	.4									2.5	4.3
ENE		.4										.4	5.0
E	.4	1.4	1.4	.4								3.7	5.1
ESE	.4	1.4	.4	.7								2.9	7.9
SE	1.1	2.1	.7	.4								4.3	5.1
SSE	1.1	1.1	.7	1.1								3.9	6.9
S	2.2	7.5	6.4	3.5	1.4							22.7	9.2
SSW	1.0	1.4	1.1	1.4								5.2	5.6
SW	.4	.7										1.1	2.5
WSW	.7	.4	.4									1.4	5.0
W		.7		.7								1.4	7.5
WNW		.7	.7	1.1								2.5	9.9
NW	1.0	1.0	1.0	1.1								4.4	6.8
NNW	1.4	3.5	2.1	2.5	.7							10.3	7.1
VARBL													
CALM												12.1	
	14.4	24.1	19.5	20.2	2.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 03 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.3	2.5	1.8								9.9	6.9
NNE	.4	1.1	1.1									2.5	6.0
NE	1.4	.4	.4		.4							2.5	5.6
ENE		.4	.4									.7	7.0
E	1.4	.7										2.1	3.2
ESE	.7	1.1	1.1	.7								3.5	6.8
SE		.4	.7									1.1	7.3
SSE	.4	2.5	3.2	.4								6.4	7.6
S	3.5	3.2	3.5	7.1	1.4							19.1	9.7
SSW	1.2	3.5	3.5	1.1								11.3	6.3
SW	2.5	1.1	1.1									4.6	4.2
WSW	1.1	.7			.4							2.1	5.3
W	1.4	.7	1.4	1.1								4.6	7.2
WNW	.4	.7	.7	.7								2.5	9.7
NW	1.4	1.4	.4	1.1								4.3	6.1
NNW	3.5	3.2	2.5	2.5	.4	.4						11.3	7.9
VARBL													
CALM												11.3	
	22.3	25.2	22.3	16.3	2.5	.4						110.0	6.4

TOTAL NUMBER OF OBSERVATIONS 282

4

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 73-82 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 06

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.4	4.5	1.8	.7							8.1	10.1
NNE	1.4	2.8		.4								4.5	5.2
NE		1.4	.4	.4								2.1	7.0
ENE													
E	2.1	.4	1.4									3.9	4.7
ESE	.7	2.1	1.4	.4								4.6	6.3
SE	.4	1.8	2.1									4.3	6.4
SSE	1.8	1.8	3.1	1.8								7.4	7.4
S	2.1	2.8	4.6	5.2	1.8							17.4	9.4
SSW	1.4	3.2	3.2	2.1								9.9	7.3
SW		.4	1.1	.4								1.9	9.4
WSW	.4			.4								.7	8.5
W	.4	.7	1.4	1.4								3.9	9.7
WNW	.4	.4	1.1	1.8	.4							3.9	10.5
NW	1.4	1.4	3.2	2.1	.7							9.5	8.9
NNW	1.8	1.4	2.8	2.8	.4							10.3	8.7
VARBL													
CALM												7.4	
	18.8	22.0	31.2	20.6	3.9							110.4	7.6

TOTAL NUMBER OF OBSERVATIONS 282

*U.S. GPO 1984 741 348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 72-77 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 06

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.2	1.2	2.1	.4							8.9	7.4
NNE	1.1	1.1	1.1									3.3	5.3
NE	1.1	1.4										2.5	3.9
ENE	.7											.7	1.0
E	.4	.4	1.1									1.8	6.2
ESE	.7	.7	.4	.7								2.5	6.7
SE	1.1	1.1	.7									2.9	5.3
SSE	1.1	1.8	3.9	.4								7.1	6.5
S	2.1	3.5	5.1	4.3	.7							16.2	8.4
SSW	5.7	3.2	3.2	1.1								12.6	5.5
SW	2.5	1.4										3.9	3.3
WSW	.4											.4	2.0
W	.4		1.5	.4								2.5	9.0
WNW	.4	1.8	2.4	1.1	.4							6.4	8.8
NW	1.4	3.2	1.8	.7								7.4	6.3
NNW	1.4	1.8	2.5	2.8	.4							8.5	8.5
VARBL													
CALM												12.4	
	27.0	24.5	25.2	13.5	1.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 282

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) [illegible] (STATION NAME) 77-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	3.8	2.1	.4	.4						8.9	7.6
NNE	1.4	1.1	.7	.7								3.9	6.2
NE		.7	.7									1.4	6.5
ENE	.4		.4									.7	5.5
E	1.1	1.4	1.1		.4							3.9	6.2
ESE	1.1	1.4	.4	.4								3.2	5.3
SE	.4	2.1	1.8	.7								5.0	6.8
SSE	1.8	2.5	1.8	1.8	.4							8.2	7.6
S	2.5	2.1	4.7	8.5	1.8	1.1						20.6	10.7
SSW		.7	2.5	2.9								6.4	10.1
SW			1.4	.7								2.1	10.7
WSW		1.1	.4	.4								1.8	6.6
W	.4	.7	1.8	.7	.7							4.3	9.7
WNW	.4	.4	2.1	2.5	.7	.7						6.7	12.2
NW		2.1	2.5	2.1	1.4							8.0	10.4
NNW		1.1	4.3	4.6								9.7	9.8
VARBL													
CALM												4.6	
	10.6	18.4	30.5	24.0	5.7	2.1						100.3	8.9

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	3.0	1.4	1.1	.4						7.8	10.7
NNE	1.1	1.1	.7	.7								3.5	7.2
NE	.4	.7	1.4									2.5	6.6
ENE	.7	.7	.7									1.8	6.0
E	.4	1.1	.4									1.8	5.0
ESE	.4	.7	.7	.4								2.1	7.0
SE	1.8	1.4	.7	.7								5.0	5.6
SSE	.7	1.8	3.2	1.4	.4							7.4	8.8
S	3.5	1.8	7.1	6.0	1.1	1.4						22.7	11.0
SSW	.7		.4	1.4								2.5	9.9
SW	.7	1.1	.7	1.8			.4					4.6	10.5
WSW	.4		1.4	.4								2.1	9.0
W		2.1	2.5	1.1	.7							6.4	9.5
WNW		1.1	2.5	2.1								5.7	9.6
NW	.4	.4	2.5	2.8	.7	.4						7.1	12.1
NNW	.7	2.1	3.5	3.5	1.1	.4						11.3	10.5
VARBL													
CALM												5.7	
	13.6	17.0	32.3	25.6	5.0	2.5	.4					100.3	9.1

TOTAL NUMBER OF OBSERVATIONS 282

#U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / [illegible] / 73-77 / FEB
STATION / STATION NAME / YEARS / MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.0	5.3	2.3	.4							14.5	7.7
NNE	1.1	2.1	1.4									4.6	5.2
NE	.4			.4								.7	6.5
ENE	.4	2.1										2.5	4.4
E		1.2	.4									2.1	5.0
ESE	1.4	2.3	1.4									5.3	4.9
SE	2.6	2.1	1.8	.4								7.1	5.3
SSE	1.5	3.2	5.7	1.9								11.7	7.4
S	1.1	3.3	4.6	5.3	1.4	.4						16.1	9.6
SSW	1.1	2.1	.7									3.9	4.6
SW	.4	.7		.4								1.4	6.0
WSW		.7										.7	4.5
W	1.1	1.1	.4	.7	.4							3.7	7.3
WNW	.4		.4	2.1								2.9	11.3
NW	.4	1.8	3.2	1.8	1.1	.4						8.5	10.2
NNW	.4	2.3	4.4	1.4	1.1							10.3	8.9
VARBL													
CALM												3.7	
	12.3	31.8	22.1	16.7	4.3	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 282

4

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — STATION NAME
73-82 — YEARS
FEB — MONTH

ALL WEATHER — CLASS
21 — 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	3.1	5.7	3.5	1.4								12.1	6.7
NNE	.4	.7	.7	.4								2.1	6.5
NE	.4	1.1	.7									2.2	4.7
ENE	1.4	.7										2.5	2.6
E	2.8	3.5	1.1									7.1	4.6
ESE	1.1	1.8	.7									3.5	5.0
SE	1.4	1.4	.7	1.4	.4							5.7	7.1
SSE	2.5	4.3	3.5	2.1								11.7	7.3
S	1.8	4.3	5.3	3.9	.4							15.6	8.3
SSW	1.4	1.1	.4	.4								3.2	4.8
SW	.4	1.1										1.4	4.3
WSW	.4	.4										.7	3.5
W	.4	.7	.7		.4							2.1	8.2
WNW	.4	1.1	1.1	.7								3.2	4.3
NW	1.4	2.5	1.4	1.1	.4							7.1	7.3
NNW	.7	1.8	1.4	2.1	1.1	.4						8.9	9.4
VARBL													
CALM												11.0	
	18.1	37.3	21.3	13.5	2.5	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 282

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX 73-82 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.8	3.5	2.0	.4	.1						9.9	8.1
NNE	1.0	1.3	.9	.3								3.5	5.7
NE	.5	.9	.4	.1	.0							2.1	5.8
ENE	.4	.5	.3									1.2	4.2
E	1.0	1.3	.7	.2	.0							3.5	5.0
ESE	.9	1.5	.8	.4								3.6	6.0
SE	1.2	1.4	1.2	.4	.0							4.4	6.0
SSE	1.7	2.3	2.7	1.3	.1							8.2	7.5
S	2.5	3.3	5.1	6.4	1.2	.4						18.6	9.6
SSW	2.1	1.7	1.7	1.3								7.3	6.5
SW	1.1	.9	.5	.4			.0					2.9	6.7
WSW	.4	.4	.7	.1	.0							1.7	6.0
W	.5	.8	1.2	.8	.3							3.6	8.6
WNW	.7	.9	1.4	1.5	.2	.1						4.8	10.1
NW	1.1	1.7	2.2	1.6	.5	.1						7.4	8.7
NNW	1.1	2.3	3.1	2.3	.6	.1						10.1	8.0
VARBL													
CALM												8.4	
	16.7	24.5	26.6	19.4	3.5	.4	.2					100.3	7.2

TOTAL NUMBER OF OBSERVATIONS 2256

4

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

00
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.6	2.3	.3							7.1	8.3
NNE	1.7	1.3	1.3									3.9	5.3
NE	1.[illegible]	1.[illegible]	.7									2.3	4.3
ENE	1.7		.2									2.9	3.7
E	.6	2.3	1.6									4.5	5.6
ESE	.7	1.6	1.7	.5								3.9	7.5
SE	.6	1.[illegible]	2.3	2.3								6.1	8.6
SSE	1.3	2.3	2.6	5.2	.3							11.3	9.5
S	1.[illegible]	1.[illegible]	5.5	11.3	1.6							20.0	11.1
SSW	3.2	1.3	1.7	.6								7.1	5.2
SW	1.[illegible]											1.4	2.2
WSW	.3		.3		.7							1.7	8.0
W	.8		.5	1.6		.1						3.2	11.3
WNW		.4	1.7	1.2	.3							3.2	10.2
NW	.3	1.7	1.1	.4								4.[illegible]	7.5
NNW	.3	2.3	1.4	1.0	.3							5.[illegible]	8.1
VARBL													
CALM												9.7	
	16.[illegible]	19.0	24.3	26.1	3.2	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME DALLAS, TX YEARS 77-82 MONTH MAR

CLASS ALL WEATHER HOURS (L.S.T.) 03

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	1.8	1.0	.3							7.1	6.7
NNE	1.0	.7	1.0									3.2	6.1
NE	1.0	.3										1.3	3.3
ENE		1.0										1.9	5.2
E	.0	.6	1.0									2.3	5.6
ESE	.3	2.3	.6	1.6								4.6	7.8
SE	.6	1.0	2.3	1.9								6.5	8.7
SSE	.0	1.3	2.2	3.2	.3							8.7	9.1
S	3.6	2.8	5.2	8.4	1.6							21.3	10.0
SSW	2.2	2.6	2.3	1.6								9.4	6.3
SW	1.0	1.6	.3									2.9	4.0
WSW	.0											.3	2.0
W	1.3	.3	.6	.6	.3							3.2	7.8
WNW	.3	.3	1.0	1.3	1.0							4.9	11.3
NW	.3	1.0	.3	1.6	.3							3.9	8.7
NNW	1.0	2.3	1.3	2.3	.6							7.7	9.0
VARBL													
CALM												10.0	
	15.2	21.3	22.4	23.2	4.5							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — [illegible]-62 — MAR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 06

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	3.2	.6	.3							6.[illegible]	8.0
NNE	.[illegible]	.[illegible]	.[illegible]									1.6	6.2
NE	.[illegible]	2.3	.3									2.9	5.2
ENE	1.[illegible]	.[illegible]	.3									1.9	4.[illegible]
E	.[illegible]	1.9	1.[illegible]	.3								3.9	6.[illegible]
ESE	.[illegible]	1.[illegible]	1.3									3.[illegible]	5.7
SE	.3	1.3	1.[illegible]	1.3	.3							4.[illegible]	9.3
SSE		2.[illegible]	2.[illegible]	3.3	.3							7.4	9.0
S	1.[illegible]	3.[illegible]	3.[illegible]	9.4								20.3	[illegible].5
SSW	1.[illegible]	2.6	3.7	1.6								10.[illegible]	6.0
SW	[illegible].[illegible]	1.[illegible]										[illegible].[illegible]	2.6
WSW	1.[illegible]		.[illegible]									2.[illegible]	3.[illegible]
W	.[illegible]	.[illegible]		1.[illegible]								2.[illegible]	[illegible].3
WNW		.[illegible]	1.[illegible]	.6								2.3	9.6
NW		.[illegible]	1.[illegible]	1.0	.3	.3						3.[illegible]	11.[illegible]
NNW	.3	4.3	1.[illegible]	2.[illegible]	.3	.3						11.[illegible]	7.[illegible]
VARBL													
CALM												11.[illegible]	
	17.4	25.3	27.2	20.3	1.6	.6						100.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 310

4

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	2.3	1.6	.7	.7						6.1	5.8
NNE	1.1	.3	1.0	.7								3.1	6.3
NE		1.0	.3	.9								1.6	6.6
ENE	.4	1.0	1.1	.3								2.8	6.3
E		1.7	1.3	1.3	.3							4.3	7.1
ESE	1.0	1.4	1.7	1.0								4.1	7.7
SE	.4	1.0	1.3	1.0	.3							4.5	9.2
SSE	2.0	1.3	2.0	1.7	.9							5.7	7.5
S	1.7	3.7	4.3	3.4	2.0							15.1	11.0
SSW	.4	1.7	1.7	1.1	.3							5.4	6.3
SW	.4	.4	1.4	.7								2.9	7.1
WSW			.1	.3								.4	9.5
W	.1	.3	1.1	.6		.7						3.7	9.9
WNW		.1	.1	1.0	.6	.3						2.2	12.6
NW	.7	.3	.3	2.2	.9							4.5	11.9
NNW	.7	2.3	3.5	3.1		.7						10.3	6.6
VARBL													
CALM												3.1	
	11.1	21.3	30.1	27.7	5.5	1.1						100.1	6.9

TOTAL NUMBER OF OBSERVATIONS 311

NAVSO UPO 1984 741 448 201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

*U.S. GPO 1984 741 348 201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	.[illegible]	2.[illegible]	1.[illegible]	.[illegible]	.[illegible]						5.[illegible]	11.1
NNE	.[illegible]	1.[illegible]	1.6									2.[illegible]	7.1
NE		.[illegible]										.[illegible]	5.[illegible]
ENE	.[illegible]	1.[illegible]	1.[illegible]									2.[illegible]	5.[illegible]
E	1.[illegible]	1.3	1.[illegible]	1.[illegible]	.3							4.[illegible]	7.7
ESE	1.[illegible]	1.[illegible]	.[illegible]	2.[illegible]								6.[illegible]	8.4
SE	1.[illegible]	.[illegible]	1.[illegible]	1.3								3.[illegible]	8.1
SSE	.[illegible]	1.[illegible]	2.[illegible]	4.[illegible]	.6							13.[illegible]	10.5
S	.[illegible]	1.3	2.[illegible]	11.[illegible]	5.2	.[illegible]						22.[illegible]	13.3
SSW		.[illegible]	.[illegible]	1.3	.6							2.[illegible]	12.7
SW			1.[illegible]	1.[illegible]	.3	.[illegible]						2.[illegible]	13.3
WSW	.[illegible]	1.[illegible]	.[illegible]	2.3	.6							4.[illegible]	11.1
W	.[illegible]		1.[illegible]	2.3		.3						4.[illegible]	11.8
WNW		.[illegible]	.6	1.[illegible]	1.3							3.[illegible]	12.7
NW			1.[illegible]	2.[illegible]								4.[illegible]	11.6
NNW	.[illegible]	2.3	1.[illegible]	4.[illegible]	1.3	.[illegible]						11.[illegible]	11.5
VARBL													
CALM												7.3	
	[illegible]	10.[illegible]	22.[illegible]	41.[illegible]	11.[illegible]	1.[illegible]						100.[illegible]	10.[illegible]

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): 18

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.5	2.7								9.0	9.0
NNE		.7	1.7	.3		.7						2.3	10.6
NE	.4		1.5									2.3	6.3
ENE	1.0	1.6	.6									3.5	4.5
E	1.0	2.4	1.7	.6								5.9	6.2
ESE	.6	1.5	1.8	2.3								5.6	8.4
SE	1.0	1.7	3.5	1.6								8.1	7.5
SSE	.7	3.2	5.2	5.5	.6							14.8	9.7
S		1.6	2.5	7.7	1.9	.6						16.8	12.6
SSW	.4	1.5	.4	.6	.7							3.5	7.6
SW	.7	.6	.6	.3								1.5	6.8
WSW			1.7	1.6								2.9	11.3
W		.2	1.3	1.0	1.0							3.5	12.1
WNW	.2	1.0	1.7	1.0	1.0							4.5	10.6
NW		1.0	1.0	1.3		.3						3.7	10.0
NNW	.7	1.7	2.5	4.2	.6							9.7	10.5
VARBL													
CALM												2.5	
	7.1	21.6	25.7	31.9	5.5	1.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 310

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*U.S. GPO 1984 /41 348/ 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 21 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.4	2.2	2.6	.3							9.4	9.0
NNE	2.2	1.6	.3									4.2	3.8
NE	1.3	1.2	.6									2.9	4.4
ENE	1.6	1.0	1.2									3.9	5.3
E		1.9	1.3	.3								3.5	6.4
ESE	1.2	1.6	2.6	1.0	.3							6.8	7.1
SE		2.3	1.2	1.2								5.2	7.9
SSE	1.0	1.2	5.2	5.8	.6	.3						14.9	10.1
S	2.2	1.2	5.2	5.5	1.3	.6						17.4	10.2
SSW	1.3	1.2	.2									3.2	4.2
SW	.2	.6		.6								1.4	7.0
WSW		.2	.2		.6							1.3	13.3
W	.6	.3		.6	.3							1.9	8.8
WNW		1.0		.6	.3							2.6	8.9
NW	.2	1.2	1.2	1.2	.3							4.2	8.5
NNW	1.2	2.3	1.2	1.0								5.8	6.7
VARBL													
CALM												11.3	
	15.2	23.2	25.2	20.3	4.2	1.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348 201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX (STATION / STATION NAME) — 73-82 (YEARS) — MAR (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	1.0	1.[illegible]	2.[illegible]	1.9	.4	.1						7.8	8.7
NNE	.3	1.[illegible]	1.2	.1		.[illegible]						3.2	6.2
NE	.[illegible]	.[illegible]	.[illegible]	.1								2.1	5.8
ENE	.9	1.[illegible]	.[illegible]	.[illegible]								2.[illegible]	5.3
E	.[illegible]	1.[illegible]	1.[illegible]	.6	.1							4.3	6.9
ESE	.[illegible]	1.[illegible]	1.[illegible]	1.3	.[illegible]							[illegible].3	7.7
SE	.[illegible]	1.[illegible]	2.[illegible]	1.5	.1							[illegible].5	8.3
SSE	1.[illegible]	2.3	3.[illegible]	4.2	.5	.[illegible]						11.6	9.4
S	1.[illegible]	2.3	4.[illegible]	[illegible].[illegible]	2.3	.3						19.9	11.3
SSW	1.[illegible]	1.[illegible]	1.[illegible]	1.2	.2	.[illegible]						6.7	7.4
SW	.[illegible]	.[illegible]	.[illegible]	.4	.1	.[illegible]						[illegible].[illegible]	[illegible].7
WSW	.[illegible]	.[illegible]	.[illegible]	.7	.3							[illegible].[illegible]	10.1
W	.[illegible]	.4	.7	1.1	.2	.[illegible]						[illegible].1	10.4
WNW	.1	.7	.[illegible]	1.[illegible]	.6	.1						[illegible].4	11.2
NW	.2	.[illegible]	1.2	2.[illegible]	.2	.1						4.5	10.6
NNW	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	.5	.1						4.[illegible]	9.4
VARBL													
CALM												6.7	
	12.[illegible]	[illegible]0.5	23.6	28.1	5.6	1.0						[illegible]00.[illegible]	9.5

TOTAL NUMBER OF OBSERVATIONS 2480

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	[illegible]	1.0	.3								5.3	5.6
NNE	1.3	.3	2.0	.3								4.0	6.6
NE	.7	1.0										1.7	4.0
ENE		1.0	1.0									2.0	6.5
E	.7	.7	1.7	.3								3.0	7.0
ESE	1.7	2.7	2.0	.3								6.3	6.1
SE	1.7	1.3	2.3	1.0	.7							6.3	8.6
SSE	.3	1.7	4.7	5.7	.7							13.0	10.9
S	7.0	3.3	6.7	7.0	1.3							21.3	9.0
SSW	4.7	2.3	1.0	.3								8.0	4.8
SW	1.7	.3										1.7	2.8
WSW		.3										.3	5.0
W	.3	.7										1.0	5.0
WNW	.7	1.7	.7	.3								3.3	5.7
NW	1.3	1.0	1.3	1.0								4.7	6.5
NNW	1.7	2.7	.7	.7	.3							6.0	6.4
VARBL													
CALM												12.0	
	13.0	24.0	24.7	17.3	3.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 300

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

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]	DALLAS, TX	73-82	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 03

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.[illegible]	1.[illegible]	1.[illegible]	.7							7.[illegible]	6.7
NNE	1.[illegible]	1.[illegible]	1.[illegible]									3.[illegible]	4.9
NE	.7	.7		.3								1.7	5.0
ENE	.7	1.3	.3									2.3	4.7
E	.7	1.[illegible]	.7	.7								2.3	6.7
ESE	1.7	1.[illegible]	.3									3.7	3.4
SE	1.[illegible]	1.3	2.3	1.7								6.3	7.9
SSE	.3	2.7	3.7	3.7	.3	.7						11.0	9.7
S	7.3	3.3	8.3	3.7	.7							23.3	9.5
SSW	[illegible]	3.3	2.[illegible]	1.3								9.7	5.8
SW	2.3											2.3	2.3
WSW	1.3		.7									2.[illegible]	3.5
W	.3	1.[illegible]	.7									2.0	6.0
WNW		1.3	.3									1.7	3.8
NW	1.[illegible]	1.0	1.3	1.3	.3							5.[illegible]	8.1
NNW	1.7	1.7	1.3									4.7	5.1
VARBL													
CALM												13.7	
	19.3	22.7	24.[illegible]	18.3	2.0	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 06

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.3	2.0	1.3								5.8	7.0
NNE	1.0	.3	.3	.7	.3							2.7	7.9
NE			.7									.7	7.0
ENE	.7	1.0	1.0									2.7	6.0
E	1.0	1.0	1.7									3.7	5.5
ESE	1.7	1.3	2.0	.7								5.0	7.0
SE	1.3	2.0	1.7	1.3								6.3	6.7
SSE	1.0	3.0	5.0	1.7		.3						11.0	8.2
S	1.7	5.3	8.7	4.7								20.3	8.3
SSW	2.3	3.3	2.7	.3								8.3	5.6
SW	4.0	.7	.3									5.0	3.1
WSW	.3	.7	.3									1.3	4.5
W	1.0	.3	.7	.3								2.3	5.9
WNW		2.0	1.0	1.3								4.3	6.5
NW	.7	1.3	1.3	1.0								4.3	7.3
NNW	2.3	.7	.3	1.3								4.7	5.3
VARBL													
CALM												12.3	
	17.7	24.3	27.3	14.0	.3	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 300

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	APR

CLASS: ALL WEATHER

HOURS (L S T): 09

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.3	2.0	1.7	.7							6.3	9.2
NNE	1.3	.7	1.7	.7								4.3	7.0
NE	.3	.3										.7	4.5
ENE	.7	.3	1.0	.3								2.3	6.4
E	1.7	.7	2.0	1.3								5.7	7.5
ESE	.3	1.7	1.7	1.7								5.3	8.5
SE	.7	1.7	3.0	1.7		.7						7.3	8.6
SSE	2.3	2.0	5.3	3.7	.7							14.0	8.9
S	1.3	3.3	8.0	6.3	1.0							19.7	9.5
SSW	.7	2.7	4.0	2.7								10.0	8.1
SW	.7	.7	1.0									2.3	6.3
WSW	.3			.7								1.0	9.7
W	.7	.7	1.0			.3						2.3	9.0
WNW			1.0	1.3								2.3	11.7
NW	.7	.7	1.0	3.3	.3							5.7	11.2
NNW	1.7	1.3	1.3	1.0	.3							5.7	7.8
VARBL													
CALM												5.0	
	13.0	18.0	34.0	26.3	3.0	.7						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

220 1	DALLAS, TX	73-82	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	1.7	2.7	1.3							7.7	10.8
NNE	1.0	.7	1.0	1.3								4.0	7.7
NE		1.0	.7									1.7	5.4
ENE	.3	.3	.3									1.0	5.7
E	.7	1.3	1.7	.3								3.7	5.3
ESE	.7	1.0	2.0	1.0								4.3	6.1
SE		1.7	3.0	1.0								5.7	8.2
SSE	1.7	1.7	6.7	5.7	.7	.3						16.7	9.9
S	1.7	2.7	9.3	13.0	2.3	.7						26.7	11.2
SSW	.3	.3	1.0	2.3		.3						4.3	11.0
SW		.7	1.0	.7	.3							2.3	10.7
WSW		.7										.7	5.0
W		.3	1.7	1.7	.3	.7						4.3	12.1
WNW		1.7	.3	1.3								3.7	8.9
NW			1.7	2.0	.7							4.3	12.7
NNW	1.7	1.0	2.3	2.3								7.0	8.6
VARBL													
CALM												3.7	
	7.3	15.7	30.0	32.0	5.7	1.7						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

9734	DALLAS, TX	73-82	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

15
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.7	2.3								4.0	11.2
NNE		1.0	1.0	.3								2.3	7.7
NE		.3	1.0	.7								2.0	9.2
ENE	.7	.7	.7									2.0	6.0
E	.7	1.3	1.7	1.0								4.7	7.8
ESE	1.0	1.0	1.7	.7	.3							4.7	7.6
SE	1.3	2.7	3.3	1.7	.3							9.3	7.8
SSE	2.7	4.7	7.7	7.7	.3	.3						22.7	9.3
S	.7	1.7	8.0	8.7	1.3		.3					20.7	11.0
SSW	.3	.7	1.7	1.0								3.0	8.6
SW		.3		.7								1.0	9.7
WSW	.7				.3	.3						1.0	14.7
W	.3	1.0	1.0	1.0								3.3	6.4
WNW	.7	.3	1.7	1.7	.3							4.7	9.4
NW		1.7	1.0	2.7								5.3	9.3
NNW	.3	.3	3.7	3.7								8.0	10.5
VARBL													
CALM												2.3	
	8.0	17.7	34.7	33.3	3.0	.7	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 300

4

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION — [illegible] STATION NAME — 72-82 YEARS — APR MONTH

ALL WEATHER CLASS — 18 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.7	3.0	1.7								6.7	8.3
NNE	1.0	2.3	2.0	.3								5.3	6.6
NE				.7								.7	12.0
ENE		.7	.3	.3								1.3	7.5
E	1.7	2.0	2.0	.3								6.0	5.3
ESE	1.0	2.0	3.7	.7	.7							8.1	8.3
SE	.3	1.0	7.0	4.3	.3							12.7	9.8
SSE	.7	3.3	5.3	6.3	1.0							16.3	10.1
S	1.0	4.7	7.7	4.3	.3							18.0	9.8
SSW		.7	.7		.3							1.7	8.2
SW		.3	.3	.3								1.3	8.5
WSW		.3		.3								.7	8.5
W	.3	.3		.7								1.0	6.3
WNW		1.3	1.3	1.3	.7							4.3	10.1
NW	.7	.7	1.3	.7	.7							4.7	8.7
NNW	.3	2.7	2.3	1.7								7.0	8.1
VARBL													
CALM												3.3	
	7.3	23.3	39.0	23.3	3.7							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 770

4

SMOS

*U.S. GPO 1984 741 348/ 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13960	DALLAS, TX	77-80	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 21

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.7	1.7	1.7								6.2	7.5
NNE	1.7	1.7	1.7									4.3	5.2
NE	.7	.7	.7									2.0	3.3
ENE	1.7	1.3	.3									3.3	4.2
E	2.0	2.7	2.0	.7	.3							7.7	5.9
ESE	1.7	2.7	2.7		.7							7.7	6.2
SE	1.3	5.7	6.1	3.7	.3							16.1	8.1
SSE	2.7	4.3	7.7	2.3	.7							17.7	7.9
S	2.7	3.7	4.7	2.7	1.3							14.7	8.6
SSW	.7		.7	.3								1.7	5.4
SW		.3										.3	4.0
WSW	.3											.3	2.0
W	.3	1.7	.3									2.3	5.3
WNW	.7	.7	1.3	.7								3.7	5.1
NW	.3	1.7	1.3	.3								3.3	6.6
NNW	1.3	1.7	1.7		.3							4.3	6.5
VARBL													
CALM												7.7	
	19.0	29.0	29.3	12.0	3.3							100.7	6.6

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.7	1.2	1.6	.3							6.2	8.3
NNE	1.0	.8	1.2	.5	.2							3.7	6.6
NE	.5	.5	.2	.2								1.5	5.7
ENE	.5	.8	.4	.1								2.1	5.7
E	1.0	1.3	1.5	.5	.2							4.5	6.4
ESE	1.2	1.7	2.2	.6	.2							5.4	7.1
SE	.5	2.2	3.0	1.6	.2	.2						9.7	8.3
SSE	1.5	2.5	5.2	4.6	.5	.2						15.2	9.4
S	1.2	3.5	7.6	6.5	1.2	.1	.0					20.4	9.6
SSW	1.2	1.7	1.5	1.2	.2	.2						5.5	6.8
SW	1.2	.4	.2	.2	.2							2.2	5.3
WSW	.1	.2	.1	.1	.2	.2						.9	6.6
W	.4	.7	.2	.4	.2	.1						2.3	5.1
WNW	.2	1.2	.2	1.2	.1							3.2	6.7
NW	.2	1.2	1.2	1.5	.2							4.6	6.9
NNW	1.2	1.5	1.2	1.2	.1							5.2	7.6
VARBL													
CALM												7.4	
	12.1	21.2	31.1	22.1	3.2	.8	.2					100.2	7.6

TOTAL NUMBER OF OBSERVATIONS 2420

*U.S. GPO 1984 741 348 201

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]	MAY

CLASS: ALL WEATHER

HOURS (LST): [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]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]										[illegible]	[illegible]
WSW	[illegible]											[illegible]	[illegible]
W		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

*U.S. GPO 1984 /41 348 /201

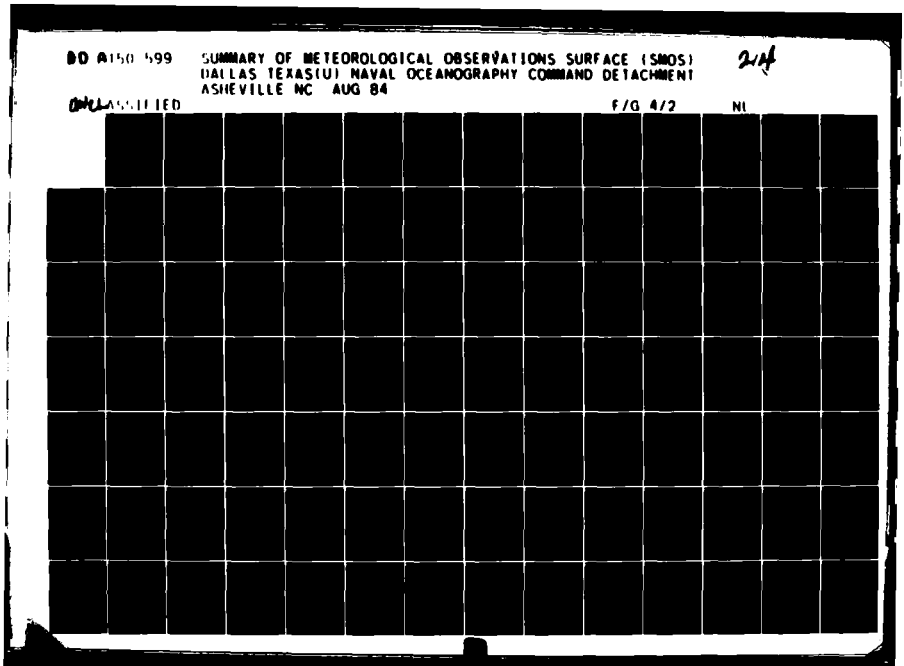
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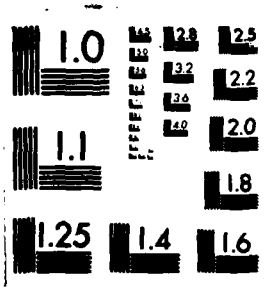
SMOS

AD A150 599 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) DALLAS TEXAS(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84

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MICROCOPY RESOLUTION TEST CHART
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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 73-82 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 03

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	1.9	1.0								6.5	6.6
NNE	.6	1.0	.6									2.3	5.0
NE	.6	.3	.3		.3							1.6	7.6
ENE		1.9	.6	.3								2.9	6.8
E	.6	.3	1.0	.3								2.3	7.0
ESE	.6	1.6	.6	1.3		.3						4.5	9.4
SE	1.3	1.6	3.2	.3								6.5	6.2
SSE	1.6	2.6	3.9	1.3								9.4	7.1
S	2.9	7.4	12.3	4.8								27.4	7.8
SSW	3.2	2.9	2.3	.3								9.0	6.6
SW	1.6	.3	.3									2.3	3.1
WSW	.6											.6	2.0
W	.3	.3		.6								1.3	7.3
WNW	.6	.6		.6								1.9	6.7
NW	.3	1.9	2.6		.3							5.2	7.4
NNW	2.6	1.0	.6									4.2	3.8
VARBL													
CALM												12.3	
	19.0	26.5	30.3	11.0	.6	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 06 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	1.7	.7	.3								4.8	4.1
NNE	[illegible]	.6	1.[illegible]	.6								4.8	5.1
NE				.3								.3	14.0
ENE	.3		.6									1.3	5.8
E	.7	1.6	.6	.3								2.9	5.9
ESE	1.4	2.3	.3									4.2	4.8
SE	.3	2.9	2.[illegible]	1.3								6.5	7.4
SSE	1.3	4.5	4.5	1.9								11.9	7.3
S	1.3	9.1	9.7	3.5								22.4	7.4
SSW	[illegible]	1.6	1.6	.6								6.6	5.1
SW	.6	.6										1.3	3.3
WSW	.3											.6	1.5
W	.6	.6	.6	.3								2.3	6.3
WNW	1.6		.3									1.9	3.2
NW	1.[illegible]	1.0	1.[illegible]	.6								3.3	7.0
NNW	2.3	1.6	1.[illegible]	.6								5.5	5.3
VARBL													
CALM												18.7	
	20.3	26.8	23.9	10.3								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 310

4

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

239 1	DALLAS, TX	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

09 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.6	1.3								4.5	7.9
NNE	.6	2.9	.6	.3								4.5	5.5
NE		1.3	.3									1.6	5.8
ENE		1.3	.6	.3								2.3	7.1
E	1.6	1.3	2.6	.6								6.1	6.3
ESE	1.3	2.6	1.6	.6	.3							6.5	6.6
SE	.6	1.3	2.3	.3								4.2	7.1
SSE	2.3	2.9	5.5	1.9								13.3	7.1
S	1.3	3.9	13.9	10.4	.6							29.8	9.5
SSW	.3	1.0	2.3	1.0	.6							5.2	9.5
SW	1.3	.3										1.6	3.4
WSW	.3	.3										.6	3.0
W		.6	1.3									1.6	7.0
WNW	.3	.3	1.3	.3								1.3	8.2
NW	.3	1.0	.6	1.9								3.9	9.3
NNW	.6	1.6	1.0	1.9								5.2	7.4
VARBL													
CALM												7.1	
	12.9	23.3	35.3	20.1	1.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 309

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

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	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	.6	1.5	1.3	1.6								5.0	7.9
NNE	.6	2.3	.3	.3								3.5	5.6
NE	.3	1.6		.3								2.3	6.3
ENE	.3	.3	1.3	.3								1.9	7.0
E	1.6	1.3	1.3									3.9	5.1
ESE	1.3	1.0	1.9									4.2	6.2
SE	1.3	2.3	2.6	.6								6.8	6.9
SSE	1.3	5.2	8.4	4.2								19.0	8.2
S	2.3	5.5	9.4	11.0	.3							28.7	9.2
SSW			2.4	1.3								3.7	9.4
SW	.3		.6	.3								1.3	8.5
WSW	.3	1.0	.3	.6								2.3	6.7
W	.3	.6	1.0									1.9	6.7
WNW		.3	.6	.6								1.6	9.6
NW	.3	1.3	1.0	.6								3.2	7.5
NNW	.6	1.9	2.6	1.3	.3							6.8	7.8
VARBL													
CALM												2.9	
	11.6	26.3	38.3	23.2	.6							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
723-1	DALLAS, TX	73-82	MAY

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.7	1.9	1.3								3.9	8.8
NNE	.3	1.9	1.0									3.2	5.7
NE	.7	1.3	.3	.3								2.3	6.0
ENE	.7	.3	1.0	.3								1.9	8.3
E	1.3	1.9	1.3	.6								5.2	6.4
ESE	.3	2.3	1.9	.3		.3						5.2	7.9
SE	.6	4.2	5.5	2.6								12.9	7.8
SSE	1.6	3.2	8.7	3.5	.3							17.4	8.5
S		4.2	8.1	11.3								23.5	9.6
SSW	1.3	.6	1.9	1.0								4.8	6.9
SW		.3	.3		.3							1.0	9.7
WSW			.7	.6								1.3	11.7
W		.6	1.3	1.0								2.9	9.0
WNW	.6	1.3	1.0	.3								3.2	6.6
NW		.6	.6	.6	.3							2.3	10.3
NNW	.3	.6	2.6	2.3	.3							6.1	10.3
VARBL													
CALM												3.2	
	7.4	23.9	37.7	26.1	1.3	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 310

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

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

9739	DALLAS, TX	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.9	1.6	.3							6.7	7.7
NNE	1.0	1.0	1.3	.3								3.5	5.5
NE	.3	.3	1.0									1.6	6.0
ENE		.6	1.0									1.6	7.2
E	.4	2.6	3.5	.6								7.4	6.9
ESE	.7	1.6	3.9	.6								6.5	8.0
SE		2.9	7.7	1.9								12.6	8.2
SSE	.6	2.9	9.4	5.5	.3							18.7	8.9
S	2.3	4.3	8.1	5.2								20.3	8.2
SSW	.3	1.6	.3									2.3	4.7
SW	.7		.1									.4	5.0
WSW		.3										.3	5.0
W	.3		1.0	.3								1.6	8.2
WNW	1.0	.3	1.0									2.3	5.4
NW	.7	1.3	1.3	.6								3.9	7.6
NNW	.7	1.3	2.9	1.3								5.8	8.6
VARBL													
CALM												4.5	
	8.7	23.5	44.5	18.1	.6							104.2	7.5

TOTAL NUMBER OF OBSERVATIONS 310

4

EMOS

NUS. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3721	DALLAS, TX	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.6	2.3	.6								6.1	6.1
NNE	.6	1.6	.3	1.0								3.5	7.1
NE	1.6	1.0										2.6	2.9
ENE	1.0	.6	.3									1.9	3.7
E	1.9	2.9	1.6									6.5	5.1
ESE	1.3	3.2	3.2	.3								8.1	6.4
SE	1.9	8.4	6.5	1.9								18.7	6.6
SSE	3.2	3.9	7.1	4.2	.3							18.7	7.8
S	2.6	4.5	3.2	2.9								13.2	6.9
SSW	1.3	.6										1.9	3.0
SW													
WSW	.3	.3										.6	4.0
W	1.0	.3										1.3	3.5
WNW		.3	.3	.3								1.0	8.3
NW	1.3	.6	1.6	1.0								4.5	7.0
NNW		1.9		.3	.3							2.6	7.9
VARBL													
CALM												8.7	
	20.3	31.3	24.5	12.6	.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3991 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	1.6	1.2	.0							5.3	6.8
NNE	1.0	1.5	.6	.4								3.5	5.7
NE	.5	.8	.2	.1	.0							1.7	5.6
ENE	.4	.9	.7	.2								2.2	6.3
E	1.1	1.7	1.5	.4								4.9	6.1
ESE	1.0	2.1	2.1	.5	.0	.1						5.7	6.9
SE	.9	3.3	4.2	1.3	.1							9.8	7.3
SSE	1.7	3.7	6.5	3.2	.2							15.3	8.0
S	2.1	5.7	9.2	6.9	.1							23.9	8.4
SSW	1.5	1.3	1.5	.6	.1							4.9	6.0
SW	.7	.3	.2	.0	.0							1.3	4.5
WSW	.4	.2	.1	.2								.9	5.1
W	.3	.4	.6	.3								1.7	7.3
WNW	.5	.5	.5	.3								2.2	6.4
NW	.5	1.1	1.2	.8	.1							3.8	7.7
NNW	.9	1.5	1.6	.9	.1							4.9	7.4
VARBL													
CALM												8.5	
	14.0	26.3	32.3	17.1	.8	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2479

4

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

KDFW | DALLAS, TX | 72-82 | JUN

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 00

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	.7									3.3	4.9
NNE	1.3	.7	.3									2.3	3.3
NE	.7	1.0		.3								1.7	5.8
ENE	1.7	1.3	.3									3.3	4.1
E	1.7	3.0	.7									5.3	4.1
ESE	.7	1.3	1.0	.3								7.3	6.5
SE	1.0	4.0	3.7	.3								9.0	6.4
SSE	2.7	2.7	5.7	3.0	.3							14.3	8.2
S	3.7	9.3	15.3	6.7								35.3	7.8
SSW	1.3	1.7	.7	.7	.3							7.3	5.0
SW	1.0											1.0	1.3
WSW	.3	.3			.3							1.0	8.3
W		.3										.3	6.0
WNW	.7		.7									.7	5.0
NW	.7	.3	.3									1.3	4.5
NNW	.7	.7		.3	.3							2.0	7.3
VARBL													
CALM												5.7	
	21.0	29.7	30.7	11.7	1.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

03901	DALLAS, TX	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.7									4.0	4.3
NNE	.7	.3	.4									1.3	5.0
NE	1.3	.7										2.0	3.2
ENE	.7	.7										1.3	4.0
E	1.7	2.3		.3								4.3	4.9
ESE	.7	2.3	2.0									5.0	5.6
SE	1.3	2.3	.3	.7								4.7	5.9
SSE	.7	2.7	3.3	2.3	.3							9.3	7.6
S	2.7	8.3	15.3	12.3	.3							37.3	8.7
SSW	5.3	4.3	2.0	1.0								12.7	4.6
SW	.7	.7										1.0	3.7
WSW	.3											.3	2.0
W	.7											.3	2.0
WNW	.3	.7			.3							1.3	8.0
NW	.3	.3			.3							1.0	9.0
NNW	1.3	.7	.7	.7								3.3	6.0
VARBL													
CALM												11.7	
	17.3	28.0	24.7	15.3	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX 73-82 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER 06
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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										1.7	4.8
NNE	.7	1.0										2.3	4.1
NE	.7	.3	.3									1.3	4.3
ENE	1.7	1.0										2.7	3.0
E	1.0	2.0	.7									3.7	4.5
ESE	2.0	1.3	1.3	.3								5.0	5.2
SE	1.7	1.3	1.7	.3								5.0	5.7
SSE	1.7	3.3	2.7	1.3								9.0	6.8
S	1.7	6.3	17.0	5.3		.7						32.3	6.1
SSW	3.7	5.0	2.3	.7								11.7	5.1
SW	1.7											1.7	2.0
WSW	2.0	1.0										3.0	3.0
W	.7											.7	2.0
WNW			.3	.3								.7	11.5
NW		1.7		.3	.3							2.3	7.7
NNW	3.0	.7		.3								4.0	3.6
VARBL													
CALM												13.7	
	21.3	29.0	26.3	9.0	.3	.7						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 300

4

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, T.	73-82	JUN

CLASS: ALL WEATHER — HOURS (L S T): 00

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.4	.7								4.[illegible]	6.6
NNE	.7	1.[illegible]	1.7									3.[illegible]	5.2
NE	.7	2.[illegible]		.7								3.7	5.6
ENE	.7	2.0										2.7	4.3
E	1.0	.7	1.7									3.0	5.6
ESE	1.[illegible]	1.7	.7									3.[illegible]	4.9
SE	1.[illegible]	1.3	1.[illegible]	.7								4.[illegible]	6.3
SSE	1.[illegible]	2.7	2.[illegible]	1.[illegible]	1.0							7.[illegible]	8.2
S	3.7	5.[illegible]	13.7	15.[illegible]	.7	.7						42.[illegible]	9.7
SSW	.7	3.0	5.7	2.7								11.7	8.4
SW	.7	1.7	2.7		.7							4.7	7.6
WSW	.7	.7										.7	3.5
W	.7	.7										1.[illegible]	4.0
WNW	.7	.7										1.[illegible]	3.3
NW	.7	.7										1.[illegible]	3.5
NNW	.7	.3	.7	.7								2.[illegible]	5.5
VARBL													
CALM												5.[illegible]	
	1.3	24.3	35.[illegible]	21.[illegible]	1.7	.3						100.[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS 300

GPO 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

72251 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	2.4	.7								5.7	6.2
NNE	.7	2.0										2.7	4.1
NE	.7	1.7	1.3									3.0	6.3
ENE	.7	.7										1.7	4.7
E	3.0	1.7	.3									5.0	3.6
ESE	1.7	.3	1.0	.3								3.3	4.9
SE	1.7	1.0	1.0			.3						4.0	6.0
SSE	3.0	4.7	5.7	2.0	.3							15.7	7.1
S	1.7	5.7	17.7	15.7	1.0	.7						42.0	6.9
SSW	1.7	2.3	2.7	1.0								7.3	7.0
SW		1.4		.3								1.3	6.5
WSW	1.0	.7										1.7	3.0
W	.7	.3	.7									1.7	4.3
WNW	.7	.3		.3								1.0	6.0
NW	1.0	.3	.3									1.7	3.8
NNW	.3	.7	1.7									2.7	7.1
VARBL													
CALM												1.0	
	19.0	25.3	33.7	20.0	1.3	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.0									4.0	4.9
NNE		2.7	.7									3.3	5.3
NE	.7	.7	1.0									2.0	5.8
ENE	.7	1.7										2.3	4.9
E	1.0	2.3	.7									4.0	4.8
ESE	1.0	1.3	2.0	.3								4.7	6.4
SE	1.7	2.3	1.0	.3								5.0	5.6
SSE	1.7	4.7	7.3	4.0								17.7	8.0
S	1.7	9.4	16.0	12.0	2.3							41.0	9.4
SSW	.7	.7	1.7	1.3	.3							4.3	9.2
SW	.3		.3									.7	5.3
WSW	.3	.7										1.0	4.3
W	.7											.7	2.5
WNW	.3	.3	.7									1.7	6.8
NW	.3	.3	.7									1.3	5.5
NNW		1.7	1.3	.3								3.3	7.0
VARBL													
CALM												3.3	
	11.7	29.7	34.3	18.3	2.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3901 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 19 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.0	.7	1.0								4.0	7.5
NNE	1.2	1.3	.7	.3								3.3	5.7
NE	.3	1.7		.2								2.3	6.0
ENE	.7	1.3	.7									2.7	5.0
E	1.7	4.7	2.0	.3								8.7	5.6
ESE	1.0	1.3	2.7	1.3								6.3	7.5
SE	1.3	4.0	4.7	.3								10.3	6.9
SSE	.7	2.7	9.3	6.7	.3							19.7	9.8
S	2.0	9.0	13.0	9.0	.3							33.3	8.4
SSW	.3	1.0	.7	.3								2.0	6.8
SW	.7	.3										.7	3.0
WSW		.2										.3	4.0
W													
WNW													
NW		.3										.2	5.0
NNW	1.7	1.7		.3								3.7	8.3
VARBL													
CALM												2.3	
	11.7	31.7	34.0	23.0	.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	JUN

CLASS: ALL WEATHER

HOURS (L.S.T.): 21

CONDITION:

SPEED (KNTS) DIR.	1 - 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	.7									3.3	4.3
NNE	.3	1.0	.3									1.7	4.8
NE		1.7	1.0									2.3	5.6
ENE	1.3	1.3	.3									3.0	3.8
E	1.7	3.0	.7	.3								5.7	5.2
ESE	1.7	5.7	4.0	1.0								12.3	6.2
SE	1.3	6.3	9.3	2.0								18.7	7.2
SSE	2.0	5.7	10.0	4.7	.3							22.7	8.2
S	3.7	7.0	9.7	2.0								19.3	6.2
SSW	1.3	.3										1.7	2.4
SW	.3											.3	1.0
WSW													
W	.3											.3	3.0
WNW													
NW	.3	.3										.7	3.0
NNW	1.3	.3										1.7	3.2
VARBL													
CALM												4.3	
	18.0	34.3	33.0	10.0	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 300

NUS GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3991 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUN (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	1.0	1.7	.7	.2								3.7	5.6
NNE	.4	1.7	.9	.3								2.3	6.8
NE	.3	1.1	.5	.3								2.2	5.4
ENE	1.0	1.2	.2									2.4	4.2
E	1.5	2.6	.7	.1								5.0	4.8
ESE	1.2	2.1	2.1	.5								5.9	6.1
SE	1.3	2.2	2.9	.6		.0						7.6	6.5
SSE	1.7	3.6	5.7	3.1	.3							14.4	8.2
S	2.5	7.7	15.0	9.5	.5	.1						35.3	8.8
SSW	2.2	2.2	1.9	1.0	.1							7.3	6.2
SW	.5	.5	.3	.0	.0							1.4	5.7
WSW	.2	.4			.0							1.0	3.8
W	.1	.2	.0									.3	3.6
WNW	.2	.2	.2	.1	.0							.7	6.7
NW	.4	.5	.2	.0	.1							1.2	5.7
NNW	1.1	.5	.5	.3	.0							2.5	5.7
VARBL													
CALM												5.7	
	16.6	29.0	31.9	15.7	1.2	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2400

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

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION | DALLAS, TX / STATION NAME | 73-82 / YEARS | JUL / MONTH

ALL WEATHER / CLASS | 00 / HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3		.3								1.3	4.5
NNE	1.3											1.0	2.7
NE	1.3											1.3	2.5
ENE	.3	1.3	.3									1.9	4.8
E	1.1	1.4	1.8									4.3	5.2
ESE	1.8	2.3	1.9									5.8	5.6
SE	2.3	3.6	3.2	.6								9.7	5.6
SSE	1.9	6.2	8.1	1.9								18.9	7.1
S	3.6	18.1	13.2	1.6								36.9	6.3
SSW	2.8	2.6	1.9									7.2	4.7
SW	.3	.3										.6	2.5
WSW													
W													
WNW													
NW	.3		.3									.6	6.5
NNW		.3										.3	6.0
VARBL													
CALM												9.7	
	17.2	37.9	30.7	4.5								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 309

4

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

DALLAS, TX (STATION / STATION NAME) — 73-82 (YEARS) — JUL (MONTH)

ALL WEATHER (CLASS) — 03 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7		.7									.6	6.5
NNE		.5	.7									1.0	5.3
NE	.7	.7			.3							1.0	7.7
ENE	1.3	.6										1.9	2.8
E	.5	1.0										1.5	3.6
ESE	1.0	.6	1.3									2.9	5.2
SE	1.0	2.6	1.0	.3								4.8	5.1
SSE	1.0	3.2	2.3									6.5	6.0
S	4.2	13.2	17.4	3.2								38.1	6.7
SSW	3.7	5.8	6.1	.6								21.3	5.0
SW	1.9	1.3										3.2	2.7
WSW	.2											.3	2.0
W		.3										.3	4.0
WNW		.6										.6	5.0
NW	.5	.2										1.0	3.3
NNW	.3	.3	.3									1.0	4.3
VARBL													
CALM												13.9	
	21.5	31.0	29.2	4.2	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*US GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

WSO | DALLAS, TX | 73-82 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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		.3									1.3	4.3
NNE	.6	1.5										2.3	3.6
NE	1.3											1.3	2.3
ENE	.3	.6										1.0	3.5
E	.3	1.3										1.9	3.5
ESE	1.9	2.9										4.8	3.7
SE	1.6	2.3	.3									4.2	3.8
SSE	1.3	2.6	1.9	.3								6.1	5.7
S	5.5	14.2	8.7	1.9								30.3	5.6
SSW	9.7	12.6	4.5	.3								27.1	4.6
SW	4.2	.3										4.5	2.3
WSW	.3											.3	2.0
W	.6											.6	3.0
WNW													
NW	.3	.3										.6	4.0
NNW	.3											.3	2.0
VARBL													
CALM												13.2	
	30.6	38.7	15.8	1.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

6390 1 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 05 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.6	.6									2.4	4.0
NNE		.3	.6									1.0	7.2
NE	.2											.2	3.0
ENE	.6	.3	.2									1.3	4.3
E	1.0	1.3	.3									3.5	3.8
ESE	.6	1.0	.3									1.9	5.3
SE	1.0	2.6	.3									4.4	4.0
SSE	3.0	4.3	1.9	.3								10.2	4.8
S	7.2	7.1	11.0	1.1								27.4	7.8
SSW	1.5	8.1	9.4	1.6								19.7	6.9
SW	1.0	2.6	3.0									6.4	5.7
WSW	1.2	1.9	1.2									4.5	5.2
W	1.6	1.0	.6									3.2	4.0
WNW			.2									.6	7.5
NW	.6			.3								1.0	5.7
NNW		1.0										1.0	4.7
VARBL													
CALM												8.1	
	21.0	32.3	29.4	9.4								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] DALLAS, TX 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 17
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.3	.2	.3								2.6	5.0
NNE	.1	1.5		.3								2.3	5.6
NE	.2	.6										1.0	4.3
ENE	.2	.4	.2	.3								1.6	7.0
E	1.3	1.4	.6									4.2	4.1
ESE	1.0	2.6	1.2									5.8	4.4
SE	2.2	2.9	1.6									7.1	4.5
SSE	3.3	9.4	5.1	1.0								20.3	5.7
S	4.2	9.7	13.5	5.2								32.6	7.4
SSW	1.2	2.6	2.6	.6	.3							7.9	7.3
SW		.2	1.2	.3								1.6	8.4
WSW	.2	2.3	1.2									3.5	5.9
W	.2	.3	.6									1.1	5.0
WNW	1.2	1.0	.2									2.3	4.0
NW	.2		.1									.6	5.0
NNW		.6										.6	4.0
VARBL													
CALM												5.2	
	20.3	35.9	29.2	8.1	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 315

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

723 1 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.3	.3								2.4	5.3
NNE	.2	.3	.3	.2								1.3	7.3
NE	.5	1.3	1.9	1.2								4.9	7.3
ENE	1.2	.3	.2									1.8	3.7
E	1.3	2.0	.3	.6	.3							5.5	6.3
ESE	.6	1.2	1.2									3.0	6.4
SE	2.6	4.2	4.6	1.2								12.6	6.1
SSE	3.2	8.1	11.2	1.9								24.2	6.8
S	1.8	8.4	12.3	3.2	.3							26.1	7.4
SSW	.8	1.6	1.6	1.2								4.8	7.2
SW	.6	1.2										1.8	4.2
WSW	.2											.3	3.0
W	.2	.2		.2								1.0	6.3
WNW	.2	1.0	.2									1.4	4.8
NW	1.0	.2	.6									1.2	4.2
NNW	.8	.6										1.3	4.3
VARBL													
CALM												4.2	
	1.5	32.9	36.1	9.7	.6							100.	6.3

TOTAL NUMBER OF OBSERVATIONS 510

NAVAIR 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME DALLAS, TX YEARS 73-82 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	1.2	1.7	1.2		.3							3.4	6.1
NNE	1.7	1.2	.8	.3								3.2	5.9
NE	1.1	.3	.3	.3								1.6	5.6
ENE	.7	1.1	1.2	.3								2.4	6.6
E	1.7	2.7	2.8									6.4	5.6
ESE	.3	2.3	3.2	1.2								7.7	7.7
SE	1.2	1.7	7.1	1.8	.3							13.2	6.1
SSE	1.7	11.2	11.8	2.6								27.4	7.4
S	1.7	7.4	9.7	1.9								20.2	7.2
SSW		1.2	.6									1.8	6.6
SW	.7	.3										1.0	2.3
WSW		.7										.7	5.0
W			.3									.3	8.0
WNW	.3											.4	2.0
NW													
NNW	.3	1.7										1.8	5.1
VARBL													
CALM												4.7	
	13.1	36.1	39.2	8.1	.6							100.1	6.7

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] DALLAS, TX (STATION NAME) — YEARS: 73-[illegible] — MONTH: JUL

CLASS: ALL WEATHER — HOURS (L S T): 21

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.7									1.9	5.7
NNE	1.4											1.4	2.2
NE	1.9	.9										1.6	3.2
ENE	1.3	1.6	.7									3.6	3.5
E	1.6	5.2	2.7	.5								9.7	5.8
ESE	.5	6.1	3.9									10.5	5.9
SE	1.6	12.3	11.6	1.0								26.5	6.5
SSE	1.2	5.2	9.8	1.2								17.1	7.3
S	4.3	5.8	3.7	.7								14.5	5.3
SSW	1.7	1.4	.6									3.7	3.2
SW	.3	.2										.5	3.0
WSW													
W													
WNW	.1		.7									.5	5.5
NW	.3											.3	2.0
NNW	.7	.6										1.3	4.7
VARBL													
CALM												6.7	
	17.7	30.7	32.5	2.9								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 718

SMOS

*U.S. GPO: 1984 / 421-348 /201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
	DALLAS, TX	73-80	JUL

CLASS: ALL WEATHER — HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.6	.4	.2							1.6	5.1
NNE	.3	.7	.2	.1								1.7	5.0
NE	.7	.4	.2	.2	.0							1.6	5.3
ENE	1.0	.4	.3	.1	.0							2.2	4.5
E	1.4	2.0	1.2	.2	.0							4.8	5.2
ESE	1.2	2.2	1.2	.3								5.4	5.7
SE	1.4	4.3	3.4	.6	.0							10.1	6.1
SSE	2.3	6.8	5.4	1.1								16.4	6.6
S	2.4	12.4	11.1	2.6	.2							28.8	6.3
SSW	1.2	4.3	3.3	.2	.0							11.2	5.6
SW	1.2	.8	.4	.2								2.7	4.2
WSW	.7	.2	.2									1.2	5.2
W	.5	.2	.2	.0								.9	4.6
WNW	.3	.3	.2									.8	4.6
NW	.4	.4	.2	.0								.9	4.6
NNW	.3	.5	.1									.9	4.4
VARBL													
CALM												5.0	
	19.4	35.7	30.7	5.1	.2							100.1	5.5

TOTAL NUMBER OF OBSERVATIONS 2479

*U.S. GPO 1984 /41 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

DFW 1 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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		.7								2.3	4.9
NNE	.5	.6	.7	.3								1.9	6.3
NE	1.3	1.0		.3								2.3	4.7
ENE	.5	.3										1.3	3.9
E	1.2	3.5	1.6									6.1	5.0
ESE	2.3	3.5	4.5									10.3	6.0
SE	1.3	3.5	4.3	.6								9.7	7.0
SSE	.7	5.2	6.8	1.6								13.9	7.5
S	1.4	12.9	14.2	3.9								32.6	7.3
SSW	3.2	1.6	.3									6.1	3.1
SW	.6											.6	1.5
WSW	.3											.3	3.0
W	.2											.2	1.0
WNW	.3											.3	1.0
NW		.2				.2						.4	1.5
NNW	.4	.3										1.0	3.3
VARBL													
CALM												10.3	
	13.1	33.9	32.3	7.1		.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348 701

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 1 (STATION) DALLAS, TX (STATION NAME) 75-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.?	1.3		.3								1.6	6.2
NNE	1.2	.6	.6	.3								2.4	5.5
NE	.6											.6	1.0
ENE	1.0	.3	.6	.3								2.3	5.3
E	1.0	.3	.6	.6								2.6	7.0
ESE	.3	2.3										2.6	5.0
SE	1.6	4.2	1.0			.?						7.4	5.6
SSE	1.6	4.6	5.6	.3								12.6	6.4
S	3.6	10.6	15.2	2.9	.3							32.9	6.9
SSW	5.8	4.8	2.6									13.2	4.1
SW	1.6	.?										1.6	3.0
WSW	.?											.?	3.0
W	.3											.?	3.0
WNW													
NW	1.3	1.6										1.9	3.5
NNW	.6	1.3	.6									2.6	5.5
VARBL													
CALM												14.?	
	21.0	31.6	27.1	4.9	.3	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3721 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 06 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.0	.2									2.3	4.1
NNE	1.5		.2									1.9	3.2
NE	.5	.3										1.0	3.7
ENE	1.6	1.2	.3	.3								3.2	4.2
E	1.2	1.5	.5	.3								3.2	4.9
ESE	1.2	2.3										3.7	4.1
SE	2.4	2.0	1.3	.3								6.1	5.2
SSE	2.5	2.2	1.2									9.0	4.2
S	4.2	3.7	8.7	1.2								26.5	6.6
SSW	6.4	7.1	2.6									18.1	4.1
SW	1.3	.2										1.5	2.9
WSW	1.2											1.2	1.5
W													
WNW													
NW			.2									.3	5.0
NNW	1.0	1.0										1.9	4.0
VARBL													
CALM												19.2	
	28.4	31.0	16.5	4.2								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 318

☆U.S. GPO 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

DFW | DALLAS, TX | 73-82 | AUG

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 06

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	.6									3.2	5.1
NNE	.4	.5										1.3	3.8
NE	.4	1.7	.6									2.7	5.3
ENE	1.0	.3	.7	.3								1.9	5.7
E	1.0	1.3	1.0									3.2	4.9
ESE	1.0	2.3	.7	.7								4.8	4.6
SE	1.2	3.2	1.1	.3								5.8	4.9
SSE	3.2	3.9	2.7									10.3	4.6
S	7.2	11.1	10.3	1.9	.3							28.7	7.2
SSW	3.3	5.2	5.2	5.2								18.9	7.9
SW	1.3	2.6	1.6	.3								5.8	5.6
WSW	1.3	1.0	.6									2.6	4.9
W	.3											.3	2.0
WNW	.7	.3	.7									1.9	4.7
NW		.7										.7	4.0
NNW	.7	.3	.6									1.3	5.5
VARBL													
CALM												9..	
	20.0	34.3	25.6	10.3	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX 73-07 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 12
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	.7	2.3	1.5	1.3								4.9	6.9
NNE	.3	1.0	.3									2.6	5.5
NE		1.9		.3								2.3	4.0
ENE	.3		.3									.6	4.5
E	1.3	2.3	.6	.3								5.6	4.5
ESE	2.3	2.6										4.8	5.3
SE	3.3	5.5	.4									10.0	5.7
SSE	4.1	9.0	9.7	.3								22.9	5.6
S	2.3	1.9	12.3	9.5								25.5	7.9
SSW	1.3	1.4	2.9	1.3								6.8	7.8
SW	.8	1.0										1.8	3.9
WSW	1.3		.6	.3								1.9	5.3
W	1.3	.3										1.3	2.8
WNW													
NW	.3		.5									1.7	5.7
NNW		1.0	.6									1.6	5.6
VARBL													
CALM												6.3	
	20.3	37.7	26.8	8.4								100.2	5.6

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 73-82 — AUG

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 15

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.2	.7	1.2								3.8	6.9
NNE	1.1	1.2	1.2									2.9	5.4
NE	1.2	.3	.3	.6								2.3	6.3
ENE	.4	1.2	.6									2.3	5.3
E	2.2	2.3	1.3	.6								7.1	5.3
ESE	.4	3.2	1.6									7.4	5.6
SE	3.5	4.5	3.2	.3								11.6	5.3
SSE	3.5	11.2	7.4	1.6								24.5	5.9
S	7.4	6.3	9.2	2.2								23.1	7.6
SSW	.7	1.6	1.9	1.2								4.8	7.3
SW			1.2									1.2	10.0
WSW		.7										.7	4.0
W	.3											.3	3.0
WNW		.4										.6	5.0
NW	.8	.3	.3									1.2	5.3
NNW		.3	1.2									1.6	7.2
VARBL													
CALM												5.2	
	17.4	37.4	29.4	10.3								100.2	6.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 72-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.0	.6	.3								3.2	5.3
NNE	1.0	.3	1.0									2.9	6.0
NE	.5	.6	1.2									2.3	6.0
ENE	.6	2.3	1.3									4.2	5.5
E	1.9	5.2	4.2	1.2	.3							13.2	6.7
ESE	1.0	4.5	5.0	.6	.3							12.6	7.2
SE	1.2	5.2	4.2	1.9								13.2	6.7
SSE	2.3	4.2	9.7	2.9								19.0	7.3
S	1.3	5.0	8.4	3.2								18.7	7.6
SSW	.2	.5	.3									1.3	4.5
SW	.6											.6	2.5
WSW		.3										.3	6.0
W	.6	.3	.3									1.3	4.3
WNW	.3	.6										1.0	5.7
NW	.3	.3										.6	4.5
NNW	.2	1.3	1.2									2.9	5.6
VARBL													
CALM												2.6	
	14.5	33.2	37.2	10.3	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 21 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.4	.7									2.3	4.3
NNE	.3		.3									1.0	4.3
NE	.6	.6	.6									1.9	4.8
ENE	.3	1.6										2.3	3.7
E	2.3	6.1	3.2	.3								11.9	5.8
ESE	3.2	7.4	7.4	.6	.3							19.7	6.1
SE	4.2	8.4	7.4	1.3	.3							21.6	6.2
SSE	.9	6.8	9.4	1.3								17.7	7.0
S	3.2	4.5	2.3	1.3								10.3	5.5
SSW	1.3	1.3	.3	.3								2.9	4.8
SW													
WSW													
W	.3	.3										.6	4.0
WNW													
NW		.3										.3	4.0
NNW	.3	1.0										1.3	4.0
VARBL													
CALM												6.1	
	17.7	39.7	31.3	4.5	.6							100.3	5.6

TOTAL NUMBER OF OBSERVATIONS 310

4

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
932 1	DALLAS, TX	73-82	AUG

CLASS: ALL WEATHER — HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	.4	.0								2.9	5.6
NNE	.5	.6	.5	.1								1.1	5.2
NE	.6	.7	.3	.2								1.9	5.3
ENE	.8	.9	.4	.1								2.3	4.9
E	1.3	2.3	1.7	.4	.0							6.7	5.7
ESE	1.7	3.8	2.5	.2	.1							8.2	5.8
SE	2.4	4.7	2.9	.6	.0	.0						10.7	5.7
SSE	2.7	5.4	6.4	1.3								16.2	6.3
S	2.7	5.7	9.9	3.5	.1							24.9	7.1
SSW	2.0	2.3	3.1	1.3								9.0	5.6
SW	.7	.3	.7	.0								1.6	4.6
WSW	.5	.2	.2	.0								.9	4.5
W	.4	.1	.1									.6	3.2
WNW	.1	.2	.1									.4	4.0
NW	.2	.3	.2			.0						.8	5.8
NNW	.4	.2	.1									1.0	5.3
VARBL													
CALM												9.3	
	17.4	33.0	28.5	7.5	.2	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2490

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	SEP

CLASS: ALL WEATHER

HOURS (L S T): 00

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.3	3.7									9.0	4.7
NNE	1.7	2.0	.7									4.3	4.3
NE	1.0	.7	.3	.3								2.3	4.9
ENE	1.7		.7									2.3	4.1
E	2.0	2.0	1.0									5.0	4.5
ESE	1.7	2.7	3.7	1.0								8.7	6.5
SE		4.7	3.0	2.0								9.7	7.4
SSE	1.7	4.0	3.7	1.0								10.3	6.4
S	4.7	4.0	9.3	2.3								20.3	6.7
SSW	2.3	2.0	.7	.3								5.0	4.6
SW	1.3	.3										1.7	3.0
WSW													
W			.7									.7	8.0
WNW	.7											.7	2.0
NW		.7										.7	4.0
NNW	2.0	1.3	.7	.3								4.3	4.5
VARBL													
CALM												15.3	
	23.3	27.7	26.3	7.3								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 75-82 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — GMT

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	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[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]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]											[illegible]	[illegible]
WSW	[illegible]	[illegible]										[illegible]	[illegible]
W	[illegible]		[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]										[illegible]	[illegible]
NW	[illegible]	[illegible]										[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 73-82 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 06

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	3.0	3.3	2.7	.7								9.7	5.6
NNE	4.3	1.3	.3	.3								6.3	3.3
NE	2.0	.3	1.0									3.3	3.9
ENE	1.7	1.0										2.3	3.3
E	2.0	.7	.7									3.3	3.9
ESE	1.7	1.7										3.3	3.8
SE	1.7	2.0	1.7									5.3	4.9
SSE		3.7	4.0	.3								8.0	6.3
S	4.7	6.3	4.7	2.7								18.5	5.9
SSW	1.3	3.3	1.0									5.7	4.8
SW	1.0											1.0	1.7
WSW	.3		.3									.7	4.0
W	.3	.3										.7	3.5
WNW	.3	.3	.3									1.0	4.7
NW	1.3	1.3	.3									3.0	3.8
NNW	3.0	2.3	.3	.3								5.3	4.1
VARBL													
CALM												20.7	
	27.7	27.3	17.3	4.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 300

4

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T) 00

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.6	6.7	2.0								12.7	7.2
NNE	.7	2.0	1.0	.7								3.7	6.6
NE	1.0	1.7	1.0									3.7	5.8
ENE	.7	1.3	1.0									3.0	5.8
E	1.7	1.7	1.0	.7								4.7	5.4
ESE	1.7	1.3	.7									3.7	4.2
SE	1.7	2.3	1.7	1.7								7.3	6.0
SSE	3.7	1.7	3.7	1.3								11.7	5.7
S	1.3	3.3	5.7	6.3								16.7	8.9
SSW	2.0	2.0	1.7	2.0								8.7	8.2
SW	.7	1.3	1.3	.7								3.7	6.9
WSW	.7											.7	2.0
W			.7									.7	7.0
WNW			.7									.7	9.0
NW	.7	.7	1.0									2.3	5.9
NNW	1.7	2.0	.7									4.3	4.8
VARBL													
CALM												15.7	
	19.7	24.0	23.0	17.0								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 300

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 350

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION — [illegible], TX / STATION NAME — 73-82 / YEARS — SEP / MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	.7	2.7								11.3	8.7
NNE	1.3	2.3	2.3	.7								7.3	6.4
NE	.7	2.7	1.3	.7								5.0	6.9
ENE		2.3	1.3									3.3	5.8
E	1.3	2.3	1.7	.7								5.7	6.4
ESE	2.7	3.3	2.3	.3								8.7	4.9
SE	1.3	2.0	1.3	1.3								7.7	5.4
SSE	4.0	5.3	5.3	1.7								16.3	5.9
S	1.3	2.3	7.3	4.3								15.7	8.6
SSW	1.3	1.7	1.3	1.0								5.3	7.4
SW		.3	.7		.3							1.0	11.3
WSW													
W		.3		.3								.7	8.0
WNW	.3	.7	.7									1.7	5.4
NW	.7	.3	.3	.3								1.7	7.4
NNW	1.7	1.7	.7	1.3								5.3	8.6
VARBL													
CALM												5.7	
	17.7	31.7	29.7	15.3	.3							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 300

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

5702 SURFACE WINDS JAN 78

USCG GPO 1984 741 448 401

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 77-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 21 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	2.7	1.7									7.3	4.8
NNE	3.3	2.0	1.0	.7								7.0	4.8
NE	2.3	1.3										3.7	3.5
ENE	1.0	2.7										5.7	3.4
E	1.7	4.7	2.3	.7		.7						9.7	6.6
ESE	1.3	3.3	1.3	.7								6.7	5.9
SE	2.0	4.7	5.3	1.3								13.3	6.8
SSE	1.7	3.0	5.7	3.3	.3							13.7	8.2
S	1.7	2.7	3.3	1.7								9.3	7.1
SSW	1.3											1.7	2.0
SW	.3											.3	2.0
WSW													
W	.7	.3										.7	3.5
WNW	.3											.3	3.0
NW	.3	.7										1.0	4.3
NNW	1.7	2.3	1.7	.3								6.7	5.2
VARBL													
CALM												17.0	
	24.7	32.3	21.7	8.7	.3	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 300

4

SMO8

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH SEP

CLASS ALL TIME

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

5702 SURFACE WINDS JAN 78

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

KTTY 1 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.0	.6	.5								6.0	5.0
NNE	1.0	1.3	.3									2.6	4.6
NE	1.0	.3										1.3	2.0
ENE	1.0	.6	.3									1.9	4.5
E	1.3	.6	.3	.3								2.4	5.0
ESE	.5	1.9	1.6	.3								4.3	6.1
SE	1.0	1.6	1.6	1.6	.3							6.1	8.0
SSE	1.3	2.0	5.2	1.9								11.3	7.4
S	3.2	4.3	7.4	4.3	.3							20.6	7.6
SSW	1.3	2.0	1.3	.6								5.2	4.7
SW	1.3	.3										2.4	2.4
WSW	1.0					.3						1.3	7.3
W	.5		.5									1.3	5.3
WNW	.5	.3		.6								1.4	6.0
NW	.3	1.0	.4									1.8	5.5
NNW	1.4	1.3	1.6	.6								5.2	6.3
VARBL													
CALM												19.0	
	24.3	22.3	21.6	11.3	.6	.3						130.0	5.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] DALLAS, TX (STATION NAME) — YEARS: 73-82 — MONTH: OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (LST): 03

SPEED (KNTS) DIR.	1 - 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]	1.6	1.3								7.4	6.0
NNE	1.[illegible]	.6	1.[illegible]									3.9	4.6
NE			[illegible]									1.0	8.3
ENE	.[illegible]	.6		.6								1.[illegible]	7.2
E	1.[illegible]	1.3	1.[illegible]									3.5	4.6
ESE	1.[illegible]	.3	.3									1.9	3.8
SE	1.[illegible]	1.[illegible]	1.[illegible]	1.3								5.8	7.3
SSE	.[illegible]	2.3	4.2	1.[illegible]								8.7	8.0
S	[illegible]	4.[illegible]	8.4	4.2								21.3	7.4
SSW	[illegible]	4.8	2.3	.3								12.9	4.4
SW	[illegible]		.6									3.5	3.2
WSW	1.[illegible]											1.5	1.7
W	.[illegible]	.3	.[illegible]									1.[illegible]	5.0
WNW	.[illegible]	1.[illegible]		.3								1.[illegible]	5.0
NW	.[illegible]	1.[illegible]	.3									1.9	4.9
NNW	1.[illegible]	1.6	1.3	.6								5.2	5.9
VARBL													
CALM												18.7	
	24.2	21.[illegible]	22.9	10.6								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 310

4

SMOS

*U.S. GPO 1984 /41 348 /01

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 77-82 MONTH OCT

CLASS ALL WEATHER HOURS (LST) 06

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.4	1.7	.3	.3	.3						3.2	7.2
NNE	1.2	.4	.3	.3								2.3	5.3
NE	1.2	.3	1.2									2.2	4.7
ENE	1.7	.3	1.0									2.4	4.8
E	.4	.4	.6									1.4	5.0
ESE	1.3	2.6	.8									4.6	4.4
SE	1.4	1.9	.6	1.2		.3						5.5	7.1
SSE	.4	2.4	4.5	.6								8.9	7.4
S	1.7	4.5	6.2	2.8								15.2	7.3
SSW	1.2	2.6	2.8									6.7	6.7
SW	1.2	.6	.7									2.5	2.9
WSW	1.4	.6	.7									2.5	2.4
W			.2									.3	7.0
WNW	.4	.6	.8									1.7	5.7
NW	.6	1.9	1.4	.3								4.5	7.1
NNW	1.2	1.7	1.2	.6								5.2	5.6
VARBL													
CALM												21.1	
	25.1	22.6	27.2	5.8	.3	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 717

SMOS

*U.S. GPO 1984 / 41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) [illegible] (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 00 (HOURS (L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	3.[illegible]	1.6	.3							7.7	8.5
NNE	1.[illegible]	1.[illegible]	.3	.3								2.[illegible]	5.4
NE	.[illegible]	1.[illegible]	.[illegible]									1.7	5.3
ENE	.[illegible]	.3	.8	.5								2.3	7.9
E	1.[illegible]	1.[illegible]	1.[illegible]									4.[illegible]	4.9
ESE	.3	1.3	1.3									3.[illegible]	6.8
SE	1.[illegible]	2.3	1.3	1.3								6.5	6.4
SSE	1.3	2.[illegible]	3.[illegible]	1.3	.3							10.6	6.5
S	2.[illegible]	4.[illegible]	9.7	4.2	.6							21.[illegible]	8.2
SSW	1.[illegible]	2.3	1.[illegible]	1.[illegible]	.3							8.4	6.9
SW	1.[illegible]	1.3	.[illegible]									4.5	4.2
WSW	.[illegible]		.3									1.[illegible]	3.3
W		1.[illegible]		.3								1.3	6.3
WNW		1.[illegible]	.6	.3								1.3	4.7
NW	1.[illegible]	.[illegible]		.6	.3							2.6	7.6
NNW	.6	1.3	1.3	1.3								4.[illegible]	5.2
VARBL													
CALM												13.[illegible]	
	15.7	24.5	28.1	13.2	1.9							100.[illegible]	6.1

TOTAL NUMBER OF OBSERVATIONS 310

&U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER (CLASS) 12 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	1.9	3.2	.6							9.4	9.2
NNE	.5	1.6	.7	1.5								3.5	6.6
NE	.3	1.6	.7	.7								2.8	6.6
ENE	.7	1.0	1.1									2.5	6.6
E	1.6	1.7	1.6									4.2	4.8
ESE	1.4	1.6	1.1									4.6	4.5
SE	1.7	1.9	1.7									4.2	5.3
SSE	3.7	4.5	4.2	1.0								13.5	5.9
S	3.2	3.9	8.1	10.8	1.0							26.1	9.8
SSW		1.9	1.7	2.3	.3							5.6	9.6
SW		1.6	1.3									2.9	6.3
WSW	.7	.3	.5									1.3	5.3
W	1.3	.8	1.0		.3							3.2	6.2
WNW	.3	.3	.6	.3								1.6	7.6
NW	.3	.3	1.3	.7								2.5	7.7
NNW	.6	1.0	2.3	1.6								5.5	8.5
VARBL													
CALM												5.*	
	17.2	25.5	28.7	20.0	2.3							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

USCG GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME DALLAS, T[illegible] YEARS [illegible] MONTH

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	.8	2.7	5.2	1.[illegible]	.3							[illegible].[illegible]	[illegible].8
NNE	.[illegible]	2.3	1.[illegible]		.3							4.2	6.5
NE	1.3	1.[illegible]	1.3	.3								3.[illegible]	6.2
ENE	.[illegible]			.6								1.3	6.5
E	2.3	1.[illegible]	.3									4.5	4.[illegible]
ESE	2.3	2.[illegible]	1.[illegible]									6.1	4.9
SE	2.9	2.[illegible]	1.3	.3								7.[illegible]	4.7
SSE	4.[illegible]	1.3	5.[illegible]	4.2	.3							14.4	6.1
S	1.[illegible]	4.5	8.7	6.5	.6	.3						[illegible].[illegible]	9.3
SSW	.[illegible]	.6	.6	1.6	.3							3.[illegible]	10.5
SW		.[illegible]	.6	.3								1.[illegible]	7.8
WSW	.[illegible]	1.3	.3									1.9	4.8
W	.6	.3			.3							1.3	6.8
WNW	.3	.3	.6									1.3	3.0
NW	1.[illegible]	1.3	1.6	1.3								5.[illegible]	7.2
NNW	.6	1.[illegible]	1.3	1.9								4.[illegible]	6.5
VARBL													
CALM												5.4	
	19.4	24.5	29.4	19.3	2.3	.3						100.[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS 310

4

SMOS

*U.S. GPO 1984 741 348: 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ OCT MONTH

_____ CLASS _____ 19 HOURS (L S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.6	1.6	2.7								8.7	7.0
NNE	.7	1.6	1.2	.7								3.2	4.8
NE	1.7	1.2	.3									3.2	4.6
ENE	1.0	1.0	.2									2.2	3.6
E	.6	4.2	.7									5.7	3.6
ESE	.3	2.3	1.2									3.6	4.6
SE	2.3	4.0	3.2	1.2								11.3	6.3
SSE	1.2	3.2	4.2	1.9								13.5	7.7
S	.6	2.2	2.5	1.3								12.2	5.3
SSW	.6	1.2	.7	.7								3.2	5.2
SW	.2											.2	1.0
WSW	.6	.3										1.7	3.3
W	.2	.1										.3	4.0
WNW	.6	.2	.2									1.0	4.4
NW	.2	1.4	.4	.3	.3							3.2	7.4
NNW	1.2	1.2	1.0	1.0	.3							5.3	6.4
VARBL													
CALM												6.4	
	12.7	33.2	18.7	8.4	.9							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 510

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	[illegible]	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (LST): 21

SPEED (KNTS) DIR.	1 - 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	2.7	3.2	.3								7.7	6.1
NNE	1.3	.6	1.7									4.4	4.4
NE	1.0	.3										1.3	2.8
ENE	.6	1.0										1.6	4.0
E	1.0	2.3	1.7									4.5	4.9
ESE	1.6	2.3	2.6									6.5	5.8
SE	.7	3.0	8.2	2.3								14.2	7.2
SSE	.6	2.6	5.2	1.3	.3							10.6	8.1
S	.3	3.2	7.2	1.6	.3	.3						13.5	8.9
SSW	.6	1.6		.7								3.9	3.5
SW	1.3	.3										1.6	2.6
WSW	.3											.3	2.0
W	.6		.6									1.3	4.0
WNW	.3	.6	.3									1.3	5.3
NW	.3	1.3	.3	.3								2.3	5.0
NNW	2.6	1.3	1.0	.3	.6							5.8	6.5
VARBL													
CALM												28.7	
	21.4	25.2	28.6	6.5	1.3	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 312

4

SMOS

*U.S. GPO 1984 741 448 701

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 _____

*U.S. GPO 1984 741 348 /01

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 _____

NUS GPO 1984 741-548 701

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.7	2.7	2.3								9.3	7.7
NNE	1.7	1.0		.3								3.0	4.1
NE	1.0	1.7										2.7	5.8
ENE	.3		.7									1.0	5.7
E		.7	.7									1.3	6.0
ESE	1.0	.7		.3								1.7	4.6
SE	.7	1.7	1.7	.3								4.3	6.8
SSE	.7	3.7	3.7	.7								9.3	7.0
S	3.3	5.3	5.0	3.3	.3							17.3	8.1
SSW	3.7	3.3	1.7	1.3	.3							9.3	6.8
SW	.3	.7										2.7	5.4
WSW	.3											.3	2.0
W	.3	.7		.7								1.7	7.0
WNW	.7	2.3	1.7	.7	.3							5.7	7.9
NW	.7	1.7	1.3	1.7								5.3	6.1
NNW	.3	1.7	2.7	1.3								6.0	6.6
VARBL													
CALM												19.7	
	22.3	26.0	21.3	12.0	1.0							100.3	5.4

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348 203

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX 73-83 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER 06
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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]	2.[illegible]	1.7								6.7	7.9
NNE	.5	1.7	1.[illegible]									3.[illegible]	6.0
NE	.3	.7										1.0	3.7
ENE	1.7	.3		.3								2.3	8.1
E	.[illegible]	1.[illegible]										1.3	4.0
ESE	.3		1.[illegible]									1.3	6.5
SE	[illegible]	2.[illegible]	.[illegible]	.3								5.0	5.1
SSE		[illegible].7	2.7	2.0								7.7	8.0
S	[illegible].7	4.7	8.[illegible]	1.[illegible]								16.0	6.9
SSW	[illegible].7	2.3	1.3	1.[illegible]								7.3	6.1
SW	1.[illegible]	.7		.3								4.0	3.4
WSW	1.7											1.7	2.0
W	1.[illegible]	1.3	.3	.7								3.7	5.5
WNW	.7	1.3	1.3	.7	.3							4.3	9.1
NW	.7	.7	1.3	1.7								4.3	8.6
NNW	[illegible].[illegible]	2.7	2.3	2.0								8.7	7.5
VARBL													
CALM												22.[illegible]	
	[illegible].[illegible]	23.3	22.7	11.7	.3							100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 370

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION — DALLAS, TX / STATION NAME — 73-82 / YEARS — NOV / MONTH

ALL WEATHER / CLASS — 00 / HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.0	2.7	2.3	.3							9.7	7.9
NNE	.7	1.3	.3	.3								2.3	5.7
NE	.7	.7	.7	.7								2.3	7.1
ENE	1.0	.3										1.3	2.5
E		1.7	.3									2.0	5.2
ESE	.3	1.0	.7									2.0	5.8
SE	1.3	2.0	2.7									6.0	5.5
SSE	1.7	2.3	2.0	1.7								7.7	6.9
S	4.3	4.3	7.0	5.3	.3							21.3	7.5
SSW	2.7	3.0	2.3	1.7								9.7	6.4
SW	1.0		.7	.3								2.0	6.2
WSW	1.0			.3								1.3	4.8
W		.3	.3									1.0	6.7
WNW	.3	.3	2.0	1.0	.7							4.3	10.4
NW	.7	1.3	2.0	1.3								5.3	7.6
NNW	1.0	1.7	1.7	5.3								9.7	10.0
VARBL													
CALM												12.0	
	17.7	23.0	25.7	20.3	1.3							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348 401

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

(TYCL) (STATION) DALLAS, T. (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	2.3	3.[illegible]	.7							[illegible].[illegible]	9.7
NNE	.[illegible]	1.[illegible]	.[illegible]	.3								2.7	6.6
NE	.[illegible]	1.3	.[illegible]	.7								3.[illegible]	7.3
ENE	1.[illegible]		.[illegible]									1.3	4.0
E	1.[illegible]	1.[illegible]	.3									3.0	4.2
ESE	1.[illegible]	.[illegible]	1.[illegible]	.[illegible]								3.3	5.3
SE	1.[illegible]	1.[illegible]	1.[illegible]	.3								4.[illegible]	5.1
SSE	[illegible].[illegible]	3.[illegible]	2.3	2.3								12.[illegible]	6.0
S	[illegible].[illegible]	1.[illegible]	4.3	[illegible].[illegible]	1.3							[illegible].[illegible]	10.5
SSW	.[illegible]	1.[illegible]	2.3	2.[illegible]	.7							6.[illegible]	9.7
SW	.[illegible]	1.[illegible]	.[illegible]	.3	.3							3.[illegible]	7.6
WSW	.[illegible]	1.3	.[illegible]		.[illegible]							2.7	6.9
W	.[illegible]	1.[illegible]	1.3	.3								4.[illegible]	6.4
WNW		1.[illegible]	1.[illegible]	2.[illegible]	.3							5.[illegible]	9.8
NW		[illegible].[illegible]	2.[illegible]	2.3	.3							6.[illegible]	9.4
NNW	.[illegible]	1.[illegible]	2.[illegible]	3.[illegible]								[illegible].[illegible]	10.0
VARBL													
CALM												6.7	
	14.7	23.7	25.3	25.7	4.0							[illegible].[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 74 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

_____ (STATION) _____ (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 13 (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	1.0	2.0	2.7	1.0								7.7	8.6
NNE	1.7	1.3	2.0	.3								5.0	8.1
NE		.7										.7	5.0
ENE	.0		.3	.3								1.3	5.0
E	.3	1.7										2.0	6.2
ESE	1.0	2.0	.7									3.7	6.6
SE	1.3	2.3	2.7		.7							6.7	6.9
SSE	2.0	4.0	4.0	2.7								13.7	7.1
S	2.0	2.0	3.7	8.0	2.0	.7						18.0	13.7
SSW	.3	.7	3.0	.7	.3							5.0	9.1
SW	.7		1.7	.3								2.3	7.4
WSW	.7	.3	2.3	1.0								4.3	5.2
W	.7	.7	1.3	1.3								3.0	8.1
WNW	.7	.7	1.0	1.3								3.7	9.2
NW	1.0	1.3	1.7	2.0		.7						6.7	8.8
NNW		1.7	3.0	4.3	.7							9.7	11.0
VARBL													
CALM												6.7	
	14.3	20.0	30.3	25.0	3.0	.7						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX — 73-82 — NOV

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 18

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	[illegible]	[illegible]	[illegible]	1.0								12.0	5.8
NNE	[illegible]	1.3	.7	.7								3.3	6.3
NE	1.0	.3										1.3	2.5
ENE	1.7	.3										2.0	2.8
E	[illegible]	2.3										5.3	4.1
ESE	1.3	[illegible]	.7	.3								7.0	4.3
SE	[illegible]	4.7	1.7	.3								8.7	5.2
SSE	[illegible]	5.7	4.7	.7								13.7	6.0
S	3.3	1.7	3.3	2.7	.3							11.3	7.5
SSW	1.0	1.3	.7									2.7	4.0
SW	.3	.3	.3									1.0	5.0
WSW	.3		.3									.7	5.0
W	1.0	.7		.3								2.0	4.7
WNW	.7	.7	1.0	.7	.3							3.0	6.6
NW	1.0	1.7	3.0	1.0								6.7	7.3
NNW	.3	5.0	1.0	1.3								9.7	6.6
VARBL													
CALM												9.7	
	25.7	32.7	22.3	9.0	.7							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 /41 348-201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / DALLAS, TX / 73-82 / NOV

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER

CLASS

21

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	4.0	1.7	2.[illegible]	2.3	.3							12.1	6.6
NNE	.7	1.7	.7	.3								3.3	4.0
NE													
ENE	1.3	1.0										2.3	3.4
E	1.3	1.[illegible]	1.[illegible]									3.3	4.3
ESE	1.3	1.7	1.7	.7								5.3	6.1
SE	.7	.7	2.[illegible]	.7								4.[illegible]	7.8
SSE	2.3	5.[illegible]	7.7	2.0								12.3	6.5
S	7.3	5.3	4.7	2.3	1.[illegible]							16.7	7.4
SSW	1.7	1.7	.3	1.0								4.7	5.6
SW	2.3											2.3	2.0
WSW	.7											.3	1.2
W	1.[illegible]	.7	.3	.3								2.3	5.0
WNW	.3	.7	.[illegible]	1.0								2.3	7.2
NW	1.7	2.[illegible]	2.3	.3								6.3	6.2
NNW	2.7	1.7	2.[illegible]	.7								7.7	5.7
VARBL													
CALM												15.[illegible]	
	25.[illegible]	26.3	20.7	11.7	1.3							100.[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS 300

4

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*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) [illegible] (STATION NAME) 72-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.7	2.7	2.9	.2							9.7	7.6
NNE	.9	1.3	.7	.3								3.2	5.6
NE	.3	.7	.2	.2								1.5	5.3
ENE	1.0	.3	.2	.1								1.6	3.8
E	.4	1.1	.7									2.5	4.1
ESE	1.2	1.2	.7	.2								3.4	5.1
SE	1.3	1.6	1.7	.4	.1							5.3	6.2
SSE	1.2	3.7	3.1	1.7								10.3	6.8
S	2.1	3.5	5.7	4.4	.6	.0						17.3	8.5
SSW	1.2	2.1	1.6	1.1	.2							6.9	6.8
SW	1.2	.9	.4	.2	.0							2.7	4.5
WSW	.3	.2	.4	.3	.0							1.7	3.4
W	.7	.3	.5	.3								2.5	6.2
WNW	.4	.9	1.3	1.0	.2							3.9	8.8
NW	1.1	1.6	1.3	1.2	.0	.0						6.1	7.3
NNW	1.4	2.2	2.1	2.3	.0							8.1	8.0
VARBL													
CALM												13.7	
	20.0	25.0	23.5	16.1	1.6	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2400

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, TX (STATION / STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 20 (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	1.6	2.3	2.0	2.9								9.7	5.2
NNE	.3	.6		.3								1.3	6.6
NE	.3	.7			.3							1.3	6.7
ENE													
E	1.0	1.3										2.3	3.7
ESE		.6	1.0									1.6	7.0
SE	1.0	2.3	1.9									5.3	5.1
SSE	.6	1.0	2.3	1.9								6.9	8.1
S	2.3	3.0	5.6	7.1	.3							19.0	9.0
SSW	3.2	3.6	1.9	1.3								10.0	5.3
SW	2.9	1.0	.6									4.5	3.5
WSW	1.0	.3	.3									1.6	4.4
W	.6	1.3	.6	.6								3.2	7.2
WNW	.3	.3	1.0	.3								1.9	6.3
NW	1.6	2.9	3.6	1.3								9.4	6.8
NNW	1.0	1.9	2.3	1.9	1.0							8.1	8.9
VARBL													
CALM												13.9	
	19.4	28.3	23.9	17.7	1.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: DALLAS, TX YEARS: 73-82 MONTH: DEC

CLASS: ALL WEATHERS HOURS (LST): 23

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.4	2.5	2.6	.6							10.6	8.2
NNE	1.9	.5										2.6	3.4
NE	.5	.3	.7									1.3	4.3
ENE	.7		.7									.6	5.0
E	.6											.6	2.5
ESE	.7	1.3	.5									2.3	5.6
SE	.6	.7	.7	.3								1.6	5.2
SSE	.5	4.3	1.5	1.5		.3						8.1	6.8
S	2.3	3.5	5.1	5.6	.6							17.7	8.9
SSW	1.5	5.5	3.2	1.3								13.2	5.6
SW	2.6	1.3										3.9	2.8
WSW	1.2	.7	.3									2.6	2.9
W	1.3	.6		.2								2.3	3.9
WNW	.3	1.7	1.6	1.7								5.2	7.7
NW	.5	1.6	1.2	1.9								5.2	8.4
NNW	.4	4.2	2.3	1.9								9.7	7.6
VARBL													
CALM												13.2	
	13.7	29.4	20.3	15.2	1.3	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 317

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER 06
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.0	1.3	1.9								7.4	6.0
NNE	1.1	.7		.4								2.3	5.4
NE	.6	.6										1.3	3.9
ENE		.4	.3									1.0	2.3
E	.7	.5	.7									1.9	4.3
ESE	.6	1.3	.6									2.6	5.3
SE	1.7	2.1		.6								4.3	5.6
SSE		1.3	2.3	1.5								5.5	6.6
S	2.9	4.5	6.9	3.2	1.0							18.4	7.9
SSW	3.7	4.2	2.9	1.0								11.7	6.7
SW	1.7	.7										3.5	2.6
WSW	1.4	.4										2.7	2.6
W	.4	1.0		.5								1.9	5.5
WNW		1.4	1.9	.6								4.7	7.9
NW	1.4	1.9	1.3	2.0	.3							6.1	3.4
NNW	2.7	1.8	2.6	2.6	.3							10.0	7.6
VARBL													
CALM												14.5	
	21.5	26.0	20.3	14.8	1.6							100.2	5.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS ALL 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 _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

NAVSO GPO 1984 741 148 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

ALL WEATHER
CLASS

HOURS (L S T.) 10

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.3	1.3	7.7	.3							10.7	7.6
NNE	1.7	1.4	.3									3.3	4.5
NE	1.0	.4										1.5	3.0
ENE	1.4	1.3	.3	.3								3.3	4.4
E	2.0	.6	1.4									4.2	4.1
ESE	1.3	2.2	.3									4.9	4.9
SE	2.3	3.0	1.4	.3								8.1	5.1
SSE	2.4	4.3	1.2	2.3								11.7	6.8
S	3.4	7.0	6.2	3.2								14.9	7.1
SSW	.4	1.3	.7									2.3	5.6
SW		.4										.4	5.0
WSW	1.0		.2									1.3	3.5
W	1.7	1.1	.2	.7	.6	.2						3.9	8.9
WNW	.9	1.2	1.4	.3								3.9	6.4
NW	.7	2.6	1.2	.6								4.9	7.2
NNW	1.0	1.5	4.5	3.2	.3							12.0	8.5
VARBL													
CALM												9.1	
	23.0	31.1	20.4	17.9	1.3	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3[illegible]9

☆U.S. GPO: 1984-741-348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] DALLAS, TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

CLASS: ALL WEATHER

CONDITION:

HOURS (LST): 21

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	1.3	2.3	.6							7.4	8.8
NNE	1.4	.5	1.1									3.0	4.4
NE	.5		.7									1.2	4.3
ENE	.3											.3	2.0
E	1.1	1.4	.3									2.6	3.8
ESE	1.4	1.4	1.3	.3								4.2	6.0
SE	1.1	1.4	1.4	.5								4.5	6.5
SSE	1.7	3.4	4.2	1.2								10.7	7.3
S	2.2	4.2	2.2	6.5	.6							18.8	8.2
SSW	3.2	2.5	.3	1.1								7.1	4.8
SW	1.2		.7									1.9	3.0
WSW	1.7	.3										1.5	3.2
W	.5	1.1	.3									1.9	4.5
WNW	.7	2.3	.5	.6								3.9	6.8
NW	.6	1.9	1.8	.6	.5							5.4	8.5
NNW	1.4	2.2	4.2	3.2								11.3	8.2
VARBL													
CALM												19.7	
	17.1	26.2	20.7	17.2	1.9							100.2	6.2

TOTAL NUMBER OF OBSERVATIONS 309

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) [illegible]AS, TX (STATION NAME) [illegible]-82 (YEARS) DEC (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	1.4	2.3	2.4	2.3	.5							9.7	5.6
NNE	1.1	1.0	.4	.2								2.7	5.0
NE	.3	.4	.1	.0	.0							1.2	4.6
ENE	.4	.5	.2	.0								1.3	4.5
E	1.1	.7	.3									2.0	3.9
ESE	.5	1.4	.7	.3								2.7	5.5
SE	1.1	1.9	.9	.3								4.4	5.3
SSE	1.7	3.0	2.7	1.7	.8	.1						8.8	7.4
S	2.3	3.6	5.6	5.9	.8	.1						18.4	9.0
SSW	2.1	2.8	2.1	1.6	.4							9.7	7.0
SW	1.5	.6	.4	.2								2.8	4.5
WSW	1.1	.4	.3	.2								2.0	4.6
W	.7	1.1	.7	.6	.1	.1						3.4	7.9
WNW	.3	1.1	1.1	1.2	.3							3.6	8.3
NW	.3	1.2	2.1	1.8	.3	.1						6.9	8.7
NNW	1.1	2.0	3.4	2.9	.4							10.0	7.9
VARBL													
CALM												11.1	
	17.9	23.0	24.2	17.4	3.7	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2478

*U.S. GPO 1984 741 148 201

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: ALL

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	2.[illegible]	2.[illegible]	1.[illegible]	.2	.						[illegible].[illegible]	[illegible].6
NNE	[illegible].[illegible]	1.2	.[illegible]	.[illegible]	.	.						[illegible].3	5.[illegible]
NE	.	.[illegible]	.[illegible]	.1	.[illegible]							[illegible].1	5.[illegible]
ENE	.	.	.[illegible]	.1								.1	[illegible]
E	1.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]						[illegible].[illegible]	[illegible].4
ESE	[illegible].1	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]	.						.	.1
SE	1.[illegible]	2.[illegible]	2.[illegible]	.[illegible]	.1	.						[illegible].[illegible]	[illegible].6
SSE	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	2.[illegible]	.[illegible]	.						12.3	[illegible].6
S	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	.[illegible]	.1	.					[illegible]1.[illegible]	.[illegible]
SSW	.1	[illegible].[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.						[illegible].3	[illegible].4
SW	.	.[illegible]	.[illegible]	.[illegible]	.	.[illegible]	.[illegible]					[illegible].1	[illegible].1
WSW	.	.[illegible]	.[illegible]	.1	.[illegible]	.[illegible]						1.[illegible]	5.[illegible]
W	.	.[illegible]	.[illegible]	.[illegible]	.1	.						1.[illegible]	[illegible].5
WNW	.	.[illegible]	.[illegible]	.[illegible]	.1	.						2.3	.[illegible]
NW	.	1.1	1.1	.	.[illegible]	.						[illegible].[illegible]	[illegible].3
NNW	.1	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.						[illegible].[illegible]	[illegible].1
VARBL													
CALM												.[illegible]	
	17.[illegible]	[illegible].[illegible]	[illegible].[illegible]	15.[illegible]	1.[illegible]	.[illegible]	.[illegible]					1[illegible].[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS: [illegible]11

SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

CIG 200 TO 1499 FT W/VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.7	4.5	2.2	.2							11.8	7.7
NNE	1.5	2.7	1.7	.8		.0						5.3	6.0
NE	1.0	1.2	.7	.3	.0							3.3	5.5
ENE	.8	1.4	1.1	.2								3.6	5.8
E	1.3	2.1	1.4	.3	.1							5.6	5.6
ESE	1.2	2.2	1.4	.6	.2							5.8	6.7
SE	1.2	2.4	2.5	.8	.3							7.2	6.2
SSE	1.8	3.2	3.2	2.2	.1							11.2	7.7
S	1.1	3.4	5.7	3.6	.4							14.4	8.4
SSW	.6	.7	.5	.6	.1							2.3	7.7
SW	.5	.2	.1		.0							.9	4.6
WSW	.2	.0	.1	.2		.0						.5	6.2
W	.5	.7	.4	.3	.1							2.1	7.0
WNW	.2	.7	1.2	1.1		.0						3.3	9.1
NW	.5	1.1	2.2	1.7	.2							6.7	8.8
NNW	.6	2.5	3.4	2.8	.3	.0						10.1	8.7
VARBL													
CALM												6.5	
	13.2	29.2	30.4	17.7	1.9	.2						100.2	7.2

TOTAL NUMBER OF OBSERVATIONS 2547

*U.S. GPO 1984 741 348 201

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

PART D

ADDITIONAL EXAMPLES

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

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

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

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

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

PART D SKY COVER

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

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

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

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

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

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

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

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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

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																
≥ 12000																
≥ 10000																
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≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ 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																
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≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

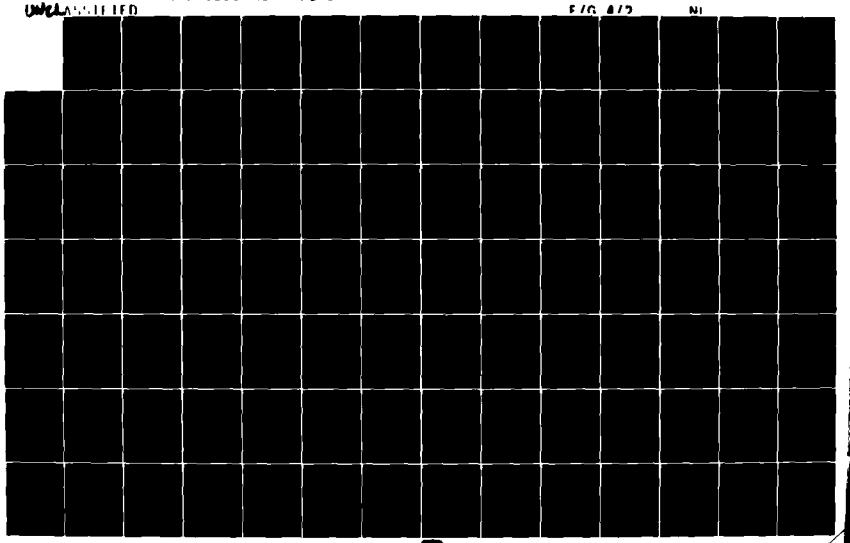
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

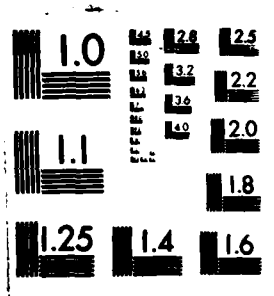
DIRNAVOCEANMET SMOS

AD A150 599 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
DALLAS TEXAS(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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-92 MONTH MAY

HOURS (L S T) 03

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	[illegible]	46.4	46.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	1.[illegible]	53.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	1.4	54.2	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	1.[illegible]	54.2	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	2.[illegible]	54.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	3.[illegible]	55.6	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	5.[illegible]	58.3	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	7.1	60.3	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	9.4	62.6	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	6[illegible].3	63.9	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	6[illegible].7	64.2	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	2.4	66.9	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	3.6	67.7	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	4.2	68.7	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	5.2	70.0	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	6.5	71.3	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	6[illegible].7	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	7.2	77.4	78.1	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	7.9	79.7	80.3	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	8.7	81.9	84.5	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	11.4	88.4	89.9	90.2	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	12.7	91.1	92.3	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	13.0	91.5	92.6	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	13.4	91.5	92.8	93.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	15.2	93.2	94.4	95.5	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	15.7	93.6	95.2	96.1	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	15.2	93.9	95.5	96.4	97.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	15.7	93.9	95.8	97.1	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	15.2	93.9	95.8	97.1	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	15.2	93.9	95.8	97.1	98.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	15.2	93.9	95.8	97.1	98.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
0	15.2	93.9	95.8	97.1	98.1	98.4	99.4	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 515

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] DALLAS, TX (STATION NAME) 73-77 (YEARS) APR (MONTH)

HOURS (LST): 06

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	3[illegible].7	42.3	42.9	42.9	43.9	43.2	43.6	43.6	43.6	43.9	43.9	43.9	44.2	44.2	44.2	44.2
≥ 20000	42.9	46.9	47.1	47.1	47.1	47.4	47.7	47.7	47.7	48.1	48.1	48.1	48.4	48.4	48.4	48.4
≥ 18000	43.2	46.9	47.4	47.4	47.4	47.7	48.1	48.1	48.1	48.4	48.9	48.4	48.7	48.7	48.7	48.7
≥ 16000	43.2	46.9	47.4	47.4	47.4	47.7	48.1	48.1	48.1	48.4	48.9	48.9	48.7	48.7	48.7	48.7
≥ 14000	43.6	47.1	47.7	47.7	47.7	48.1	48.4	48.4	48.4	48.7	49.7	49.7	49.0	49.0	49.0	49.0
≥ 12000	43.9	48.1	49.4	49.4	49.4	49.7	50.0	50.0	50.0	50.3	50.3	50.3	50.7	50.7	50.7	50.7
≥ 10000	48.1	52.2	53.9	53.9	53.9	54.2	54.5	54.5	54.5	54.8	54.8	54.8	55.2	55.2	55.2	55.2
≥ 9000	48.4	53.2	54.5	54.5	54.5	54.8	55.2	55.2	55.2	55.5	55.5	55.5	55.8	55.8	55.8	55.8
≥ 8000	51.0	56.5	57.1	57.1	57.1	57.4	57.7	57.7	57.7	58.1	58.1	58.1	58.4	58.4	58.4	58.4
≥ 7000	53.9	58.4	59.0	59.0	59.0	59.4	59.7	59.7	59.7	60.0	60.0	60.0	60.3	60.3	60.3	60.3
≥ 6000	54.8	59.7	60.3	60.3	60.3	60.7	61.0	61.0	61.0	61.3	61.3	61.3	61.6	61.6	61.6	61.6
≥ 5000	55.5	60.3	61.3	61.3	61.3	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.6	62.6	62.6	62.6
≥ 4500	56.9	61.3	62.3	62.3	62.3	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.6	63.6	63.6	63.6
≥ 4000	57.1	61.9	62.9	62.9	63.2	63.5	63.9	63.9	63.9	64.2	64.2	64.2	64.5	64.5	64.5	64.5
≥ 3500	57.7	62.9	63.6	63.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	65.2	65.2	65.2	65.2
≥ 3000	60.0	64.8	65.8	65.8	66.1	66.5	66.8	66.8	66.8	67.1	67.1	67.1	67.4	67.4	67.4	67.4
≥ 2500	61.3	67.1	68.1	68.1	68.4	68.7	69.0	69.0	69.0	69.4	69.4	69.4	69.7	69.7	69.7	69.7
≥ 2000	66.1	71.8	72.6	72.6	72.9	73.2	73.6	73.6	73.6	73.9	73.9	73.9	74.2	74.2	74.2	74.2
≥ 1800	67.1	72.9	73.6	73.6	73.9	74.2	74.8	74.8	74.8	75.2	75.2	75.2	75.5	75.5	75.5	75.5
≥ 1500	69.4	76.1	77.4	77.4	78.1	78.4	79.3	79.0	79.0	79.4	79.4	79.4	79.7	79.7	79.7	79.7
≥ 1200	71.0	79.7	81.3	81.3	81.9	82.3	82.9	82.9	82.9	83.2	83.2	83.2	83.6	83.6	83.6	83.6
≥ 1000	73.2	82.6	85.2	85.8	86.5	86.8	87.4	87.4	87.4	87.7	87.7	87.7	88.1	88.1	88.1	88.1
≥ 900	73.2	82.6	85.2	85.8	86.5	86.8	87.7	87.7	87.7	88.1	88.1	88.1	88.4	88.4	88.4	88.4
≥ 800	74.5	85.2	88.1	88.7	89.4	89.7	91.0	91.0	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 700	75.3	86.5	89.7	90.3	91.6	91.9	93.2	93.2	93.2	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 600	78.1	87.7	91.3	91.9	92.9	93.2	94.5	94.5	94.5	94.8	94.8	94.8	95.2	95.2	95.2	95.2
≥ 500	76.9	88.4	91.6	92.6	93.9	94.2	95.5	95.5	95.5	95.8	95.8	95.8	96.1	96.1	96.1	96.1
≥ 400	76.9	88.4	91.6	92.6	93.9	94.2	96.5	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1
≥ 300	76.9	88.4	91.9	92.9	95.2	95.5	97.7	97.7	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4
≥ 200	76.9	88.4	91.9	92.9	95.2	95.5	97.7	98.1	98.1	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 100	76.9	88.4	91.9	92.9	95.2	95.5	97.7	98.1	98.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	76.9	88.4	91.9	92.9	95.2	95.5	97.7	98.1	98.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME DALLAS, TX YEARS 73-82 MONTH [illegible]

HOURS (LST) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.1	39.0	39.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	42.3	46.1	46.5	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	42.5	46.9	46.8	48.1	48.7	48.7	48.7	48.7	49.7	48.7	48.7	48.7	49.7	48.7	48.7	48.7
≥ 16000	42.9	46.8	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	43.3	47.1	47.4	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000	44.5	49.0	49.4	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	48.4	53.6	54.2	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 9000	48.7	53.9	54.8	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	50.3	55.9	57.1	59.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	52.7	57.1	58.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	53.6	58.1	59.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	54.7	60.3	62.3	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500	55.2	60.7	62.6	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4000	54.8	62.6	64.5	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	55.3	63.2	65.2	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000	56.1	64.5	66.5	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	59.4	67.7	69.7	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2000	61.7	70.0	71.9	73.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1800	62.3	71.3	73.2	75.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	64.1	73.9	76.1	78.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1200	66.1	77.1	79.3	81.4	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	66.5	79.1	82.6	85.8	87.7	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	66.8	80.1	84.2	88.1	90.1	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	67.1	81.0	84.8	89.0	91.6	91.9	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	67.4	81.6	85.5	89.7	92.6	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	67.4	81.6	85.8	90.3	93.6	94.2	94.5	94.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	67.4	82.3	86.3	91.3	94.8	95.5	95.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	67.4	82.3	86.8	91.6	95.2	96.9	97.1	97.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	67.4	82.3	86.8	91.6	95.5	97.1	97.4	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	67.4	82.3	86.8	91.6	95.5	97.1	97.7	97.7	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.4	82.3	86.8	91.6	95.5	97.1	97.7	97.7	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.4	82.3	86.8	91.6	95.5	97.1	97.7	97.7	98.1	100.0	100.0	100.0	100.0	100.0	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 MAR

HOURS (LST) 12

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	46.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	56.2	56.1	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	56.4	56.5	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	56.5	56.5	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	56.5	56.5	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	57.1	59.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	61.7	61.9	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	62.7	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	64.7	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	65.6	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	65.7	65.8	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	67.2	67.1	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	67.4	67.7	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	70.6	70.3	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	75.1	75.4	76.2	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	76.1	76.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	78.2	78.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	78.8	82.3	83.6	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	86.7	86.8	86.1	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	87.0	87.4	89.1	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	91.4	91.3	93.2	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	91.9	91.8	93.6	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	91.9	91.9	93.9	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	92.6	92.9	95.2	96.1	96.5	96.8	96.9	96.8	96.8	96.8	96.9	96.8	96.9	96.8	96.9	96.9
≥ 700	92.3	92.9	95.5	96.8	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	92.6	92.9	95.5	96.8	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	92.6	92.9	95.9	96.8	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	92.6	92.9	95.5	96.8	98.4	98.7	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.6	92.9	95.5	96.8	98.4	98.7	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.6	92.9	95.5	96.8	98.4	98.7	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	92.6	92.9	95.5	96.8	98.4	98.7	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	92.9	95.5	96.8	98.4	98.7	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	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	47.7	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	59.7	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	59.7	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	61.0	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	63.2	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	64.9	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	65.3	66.5	66.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	68.1	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	68.4	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	69.7	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	71.1	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	74.5	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	78.4	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	79.4	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	84.2	85.7	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	85.2	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	87.1	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	87.4	91.4	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	88.4	93.2	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	88.4	93.2	94.5	95.2	95.5	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	88.4	93.2	94.5	95.2	95.8	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	88.4	93.2	95.2	95.8	96.5	96.8	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	88.4	93.5	95.5	96.5	97.1	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	88.4	93.2	96.1	97.1	97.7	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	88.4	93.2	96.1	97.1	97.7	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	88.4	93.4	96.1	97.1	98.1	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.4	93.2	96.1	97.1	98.1	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.4	93.4	96.1	97.1	98.1	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	88.4	93.4	96.1	97.1	98.1	98.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	88.4	93.4	96.1	97.1	98.1	98.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03961	DALLAS, TX	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.6	64.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	62.6	64.5	64.8	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	63.4	65.5	65.8	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	64.2	66.1	66.5	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	65.5	67.4	67.7	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	66.7	70.7	71.0	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	70.0	71.9	72.3	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	70.3	72.3	72.6	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	71.6	74.2	74.5	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	71.9	74.5	74.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	72.9	75.5	75.8	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	74.5	77.4	77.7	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	74.8	78.1	78.4	79.7	80.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	76.1	79.7	80.0	80.7	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	76.4	81.0	81.3	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	77.4	82.6	82.9	83.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	80.3	85.5	85.8	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	81.3	86.2	86.5	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	81.9	87.1	87.4	88.1	89.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	83.9	89.4	90.3	91.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	84.9	90.0	91.0	92.3	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	84.9	90.3	91.6	92.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	84.8	90.3	91.9	93.2	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	85.2	90.7	92.6	94.5	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	85.2	91.0	92.9	95.2	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	85.3	91.3	93.6	95.8	97.7	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	85.3	91.3	93.6	95.8	97.7	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	85.2	91.3	93.6	96.1	98.1	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	85.3	91.3	93.9	96.5	98.4	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	85.3	91.3	93.9	96.5	98.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.3	91.3	93.9	96.5	98.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.3	91.3	93.9	96.5	98.4	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] | STATION NAME DALLAS, TX | YEARS 73-92 | MONTH [illegible]

HOURS (LST) 21

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	59.8	59.8	59.7	[illegible]	60.0	60.0	60.0	60.0	60.0	60.0	60.0	[illegible]	60.0	[illegible]	[illegible]
≥ 20000	[illegible]	65.8	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	64.2	66.5	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	64.5	66.8	66.8	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	65.5	67.7	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	67.7	70.0	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	71.5	73.8	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	71.5	73.9	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	73.2	75.8	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	74.5	77.4	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	74.8	77.7	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	77.1	80.0	80.0	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	77.1	80.7	80.7	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	77.1	80.7	80.7	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	78.4	81.9	81.9	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	80.3	84.2	84.2	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	81.5	85.5	85.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	83.6	87.7	87.7	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	83.9	88.1	88.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	85.8	90.0	90.0	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	86.1	91.9	91.9	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	87.1	93.6	93.9	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	87.1	93.8	93.9	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	88.1	95.5	95.8	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	88.1	95.2	95.8	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	88.1	95.5	95.8	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	88.1	95.5	95.8	96.5	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	88.1	95.5	95.8	96.5	97.7	97.7	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	88.1	95.6	96.1	96.8	98.4	98.4	98.4	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.1	95.6	96.1	96.8	98.4	98.4	98.4	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	88.1	95.8	96.1	96.8	98.4	98.4	98.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	88.1	95.8	96.1	96.8	98.4	98.4	98.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 511

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: DALLAS, TX | YEARS: 73-77 | MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.1	49.1	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	[illegible]
≥ 20000	[illegible]	57.7	58.0	[illegible]	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.9	59.0	[illegible]
≥ 18000	[illegible]	58.2	58.5	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	[illegible]
≥ 16000	[illegible]	58.4	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	[illegible]
≥ 14000	[illegible]	59.1	59.4	59.8	60.1	60.2	60.2	60.2	60.2	60.1	60.1	60.1	60.1	60.1	60.1	[illegible]
≥ 12000	[illegible]	61.1	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	[illegible]
≥ 10000	[illegible]	64.2	64.6	65.0	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	[illegible]
≥ 9000	[illegible]	64.7	65.1	65.5	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	[illegible]
≥ 8000	[illegible]	66.9	67.3	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	[illegible]
≥ 7000	[illegible]	67.9	68.4	68.6	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	[illegible]
≥ 6000	[illegible]	68.6	69.0	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 5000	[illegible]	70.4	70.9	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 4500	67.3	71.2	71.8	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	[illegible]	72.7	73.4	73.8	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	[illegible]	74.7	74.7	75.1	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 3000	[illegible]	76.1	76.8	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	[illegible]	78.8	79.4	80.0	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	[illegible]
≥ 2000	[illegible]	81.9	82.2	82.8	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1800	[illegible]	82.7	83.5	84.0	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	[illegible]	85.6	86.6	87.3	87.8	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1200	[illegible]	87.9	88.1	89.0	89.6	90.7	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	[illegible]	89.2	90.4	91.8	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	[illegible]
≥ 900	[illegible]	89.5	91.2	92.3	93.1	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	[illegible]	90.7	92.6	93.8	94.5	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	[illegible]
≥ 700	[illegible]	91.2	93.2	94.4	95.1	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	[illegible]
≥ 600	[illegible]	91.5	93.7	95.2	96.4	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	[illegible]	91.7	93.9	95.6	96.9	97.1	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	[illegible]	91.8	94.1	95.8	97.2	97.6	98.2	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.9	[illegible]
≥ 300	[illegible]	91.8	94.2	95.9	97.6	98.0	98.6	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	[illegible]
≥ 200	[illegible]	91.9	94.2	96.1	97.7	98.1	98.8	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	[illegible]
≥ 100	[illegible]	91.9	94.2	96.2	97.7	98.1	98.8	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	[illegible]
0	[illegible]	91.9	94.2	96.2	97.7	98.1	98.8	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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																
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≥ 3000																
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≥ 1800																
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≥ 1200																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L & Z) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 7000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH: APR

HOURS (L.S.T.): 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	61.3	61.3	61.3	61.3	61.3	61.3	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	61.3	61.3	61.3	61.3	61.3	61.3	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	61.3	61.3	61.3	61.3	61.3	61.3	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	61.7	61.7	61.7	62.0	62.0	62.3	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	63.3	63.3	63.3	63.7	63.7	63.7	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	67.0	67.0	67.0	67.3	67.3	67.3	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	67.0	67.0	67.0	67.3	67.3	67.3	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	70.3	70.3	70.3	70.7	70.7	70.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	71.7	71.7	72.0	72.7	72.7	72.7	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	76.3	76.7	77.0	77.7	77.7	77.7	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	79.3	79.3	80.0	80.0	80.0	80.3	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	81.7	81.7	82.3	83.0	83.0	83.3	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	83.3	83.3	84.0	84.7	84.7	85.0	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	85.0	85.7	86.3	87.0	87.0	87.3	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	88.0	88.0	89.3	90.0	90.0	90.3	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	90.7	90.7	92.0	92.7	92.7	93.0	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	91.7	91.7	92.0	92.7	92.7	93.0	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	94.3	94.3	94.7	94.7	94.7	95.0	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.3	95.7	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	96.7	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	97.7	97.7	97.7	97.7	97.7	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	97.7	97.7	97.7	97.7	97.7	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	97.7	97.7	97.7	97.7	97.7	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	97.7	97.7	97.7	97.7	97.7	98.0	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.7	97.7	97.7	97.7	97.7	98.0	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.7	97.7	97.7	97.7	97.7	98.0	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	97.7	97.7	97.7	97.7	97.7	98.0	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	97.7	97.7	97.7	97.7	97.7	98.0	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
0	97.7	97.7	97.7	97.7	97.7	98.0	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-82 MONTH APR

HOURS (LST) 21

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	.1	62.7	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.	63.	63.
≥ 20000	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
≥ 18000	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
≥ 16000	69.	70.0	70.3	70.3	70.3	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
≥ 14000	69.7	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.
≥ 12000	69.	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.
≥ 10000	73.	74.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	73.	74.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	77.	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	78.	78.7	78.7	78.7	78.7	78.7	79.	79.0	79.0	79.0	79.0	79.0	79.0	79.L	79.	79.
≥ 6000	78.7	79.0	79.0	79.0	79.	79.	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	80.	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	84.	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	85.	85.	85.3	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.	86.
≥ 3500	86.	86.	86.	86.3	86.	86.	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	87.	87.3	87.7	88.0	88.	88.	88.3	88.3	88.	88.3	88.3	88.3	88.3	88.3	88.3	88.
≥ 2500	89.	89.7	89.7	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	89.	89.7	89.7	90.0	90.	90.0	90.3	90.3	90.	90.3	90.3	90.3	90.3	90.3	90.3	90.
≥ 1800	89.	89.3	90.	90.3	90.	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	91.	91.3	92.0	92.3	92.	92.7	93.	93.3	93.	93.0	93.0	93.0	93.0	93.0	93.0	93.
≥ 1200	92.	92.0	93.0	93.	93.	93.7	94.0	94.0	94.	94.0	94.	94.0	94.0	94.	94.	94.
≥ 1000	93.	93.3	94.	95.0	95.	95.3	95.7	95.7	95.	95.7	95.7	95.7	95.7	95.7	95.	95.
≥ 900	93.	93.3	95.0	95.3	95.7	95.	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.	96.0
≥ 800	93.	93.7	95.	95.7	97.0	97.	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.	97.
≥ 700	94.	94.	95.7	96.0	97.	97.	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	94.	94.	95.7	96.0	97.	97.	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	94.	94.	96.7	96.7	98.0	98.0	98.3	98.3	98.	98.	98.	98.3	98.3	98.3	98.	98.
≥ 400	94.	94.	97.	97.7	99.	99.	100.0	100.0	100.	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300	94.	94.	97.0	97.7	99.	99.	100.0	100.0	100.	100.0	100.0	100.0	100.0	100.0	100.	100.
≥ 200	94.	94.	97.0	97.7	99.	99.	100.0	100.0	100.	100.0	100.0	100.0	100.0	100.0	100.	100.
≥ 100	94.	94.	97.0	97.7	99.	99.	100.0	100.0	100.	100.0	100.0	100.0	100.0	100.0	100.	100.
≥ 0	94.	94.	97.0	97.7	99.	99.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

HOURS (LST) ALL

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	[illegible]	60.2	55.6	55.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 20000	[illegible]	56.5	57.0	57.3	57.4	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	[illegible]	56.6	57.0	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥ 16000	[illegible]	56.7	57.1	57.4	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	[illegible]	57.0	57.4	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
≥ 12000	[illegible]	57.8	58.3	58.5	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	[illegible]	61.1	61.8	62.2	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 9000	[illegible]	61.5	62.0	62.3	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	[illegible]	65.0	65.5	65.9	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.6
≥ 7000	[illegible]	66.3	66.8	67.2	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	[illegible]	69.3	69.8	69.9	69.9	69.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
≥ 5000	[illegible]	70.5	71.3	71.7	7 .1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 4500	[illegible]	71.4	72.3	72.7	73.0	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	[illegible]	73.5	74.3	74.8	75.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	[illegible]	75.6	75.8	76.3	76.6	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	[illegible]	77.3	78.1	79.3	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	[illegible]	80.6	81.7	82.5	82.6	82.8	83.1	83.2	83.2	83.1	83.1	83.1	83.1	83.1	83.2	83.2
≥ 2000	[illegible]	83.4	84.7	85.3	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	[illegible]	84.3	85.6	86.2	86.6	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	[illegible]	87.5	88.9	89.6	90.1	90.4	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	[illegible]	89.1	90.7	91.5	92.0	92.2	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 1000	[illegible]	90.2	92.3	93.3	94.1	94.5	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	[illegible]	90.7	93.0	93.9	94.7	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	[illegible]	91.2	93.5	94.6	95.4	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 700	[illegible]	91.6	93.9	95.1	96.1	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 600	[illegible]	92.7	94.8	95.8	97.0	97.3	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	[illegible]	92.4	94.6	96.1	97.4	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 400	[illegible]	92.4	95.0	96.4	98.3	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 300	[illegible]	92.5	95.1	96.5	98.3	98.5	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	[illegible]	92.5	95.1	96.5	98.2	98.5	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	[illegible]	92.5	95.1	96.5	98.2	98.5	99.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
0	[illegible]	92.5	95.1	96.5	98.3	98.5	99.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2930

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], TX	73-77	MAY

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	[illegible]	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	[illegible]	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	[illegible]	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	[illegible]	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	[illegible]	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
≥ 9000	[illegible]	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	[illegible]	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	[illegible]	[illegible]	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	[illegible]	[illegible]	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	[illegible]	[illegible]	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	[illegible]	[illegible]	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	[illegible]	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	[illegible]	[illegible]	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	[illegible]	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	[illegible]	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	[illegible]	97.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	[illegible]	97.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	[illegible]	[illegible]	98.4	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	[illegible]	97.4	98.4	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	[illegible]	98.1	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	[illegible]	98.1	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	[illegible]	[illegible]	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	[illegible]	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	98.1	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	98.1	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	98.1	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

HOURS (LST) 03

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	53.4	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	58.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	58.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	58.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	58.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	60.2	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	65.9	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	66.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000*	69.1	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	69.4	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	69.4	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	71.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	73.9	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	74.3	76.9	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	75.1	78.1	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	76.3	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	77.7	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	82.0	84.5	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	82.4	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	84.2	88.4	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	85.3	90.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	86.2	91.9	92.9	92.9	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	86.7	92.7	93.9	94.2	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	87.1	93.0	94.5	94.8	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	87.1	93.0	94.8	95.2	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	87.1	94.2	95.5	96.1	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	87.1	94.2	95.5	96.1	96.8	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	87.1	94.2	96.1	96.8	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	87.4	95.9	96.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.4	96.3	96.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.4	96.5	96.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.4	96.5	96.8	97.4	98.4	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: DALLAS, TX | YEARS: 73-82 | MONTH: MAY | HOURS (L S T): 06

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	37.1	38.1	41.7	43.6	44.5	45.1	45.8	46.8	47.0	47.4	47.8	48.2	48.5	48.7	48.7	48.8
≥ 20000	39.7	39.4	44.2	47.4	48.7	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000	39.7	39.4	44.2	47.4	48.7	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000	39.7	39.4	44.2	47.4	48.7	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	40.0	39.7	44.5	47.7	49.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	38.7	40.3	43.2	46.4	47.7	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	39.2	45.8	51.0	54.8	56.1	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	39.7	45.8	51.0	54.8	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	39.4	44.7	57.9	57.7	59.4	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	39.4	44.7	57.9	58.1	59.7	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	39.7	50.0	55.2	59.0	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 5000	40.3	51.6	56.8	60.7	62.3	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	41.4	53.2	59.4	62.9	63.9	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	42.4	55.2	60.7	64.8	66.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	42.7	55.5	61.0	65.5	67.1	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	43.4	57.4	62.9	67.4	69.0	70.3	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	44.6	59.4	64.9	70.0	71.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2000	47.9	61.7	68.4	73.6	75.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1800	48.5	62.5	69.7	75.9	77.8	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	49.7	65.3	72.9	78.1	80.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	52.4	66.5	73.8	81.0	83.9	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	53.1	69.1	77.1	84.1	86.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	53.1	70.0	81.3	86.5	89.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	53.1	70.1	82.3	88.1	91.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	53.1	70.7	83.2	89.0	92.9	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	53.1	71.0	83.6	89.7	93.6	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	53.1	71.2	83.9	90.3	94.2	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	53.1	71.3	83.9	90.3	94.5	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	53.1	71.3	83.9	90.3	94.5	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	53.1	71.3	83.9	90.3	94.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	53.1	71.3	83.9	90.3	94.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	53.1	71.3	83.9	90.3	94.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | DALLAS, TX | STATION NAME | YEARS | MAY | 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	37.7	42.7	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	41.0	47.3	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	42.0	47.3	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	42.0	47.3	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	41.1	47.6	48.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	42.4	49.2	50.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000	41.8	53.7	54.7	55.0	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	43.2	54.4	55.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 8000	46.2	56.4	57.9	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
≥ 7000	46.3	57.6	58.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	49.5	58.6	59.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 5000	50.1	60.2	61.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4500	51.3	61.5	62.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4000	52.6	63.4	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3500	52.6	63.4	65.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	54.7	66.3	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2500	57.1	70.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	57.1	73.1	77.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	62.5	77.4	79.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1500	63.4	84.1	87.1	88.7	89.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	85.7	86.4	89.6	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	85.7	88.4	91.3	93.2	93.9	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	85.7	88.0	91.3	93.5	94.2	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	86.0	89.0	92.6	94.8	95.5	96.1	96.4	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1
≥ 700	86.3	89.0	92.9	95.2	95.8	96.4	96.8	97.1	97.1	97.1	97.8	97.4	97.4	97.4	97.4	97.4
≥ 600	86.3	89.1	93.2	95.8	96.4	97.1	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	86.3	89.1	93.2	95.8	96.4	97.4	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	86.3	89.1	93.2	95.8	96.4	97.7	98.4	98.4	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.3	89.1	93.2	95.8	96.8	97.7	98.4	98.4	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.3	89.1	93.2	95.8	96.8	97.7	98.4	98.4	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.3	89.1	93.2	95.8	96.8	97.7	98.4	98.4	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0
0	86.3	89.1	93.2	95.8	96.8	97.7	98.4	98.4	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	47.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	47.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	47.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	47.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	48.1	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	52.9	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	52.6	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	56.9	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	56.3	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	56.3	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000	56.9	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	57.1	61.4	61.4	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4000	60.3	65.2	65.3	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	65.5	71.3	71.9	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	71.9	78.4	79.0	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	77.7	85.9	86.5	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	1.0	89.0	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	1.0	91.0	91.0	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	2.6	92.3	93.6	93.9	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	3.2	93.2	95.8	96.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	3.4	93.7	96.8	97.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	3.4	93.9	96.8	97.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	3.6	93.9	96.8	97.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	3.6	93.9	96.8	97.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	3.6	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	3.6	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	3.4	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.6	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.4	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.6	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.6	93.9	96.8	97.7	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	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	≥ 1¼	≥ 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: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T): 13

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

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																
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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																
AVA 18000																
AVA 16000																
AVA 14000																
AVA 12000																
AVA 10000																
AVA 9000																
AVA 8000																
AVA 7000																
AVA 6000																
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AVA 1000																
AVA 900																
AVA 800																
AVA 700																
AVA 600																
AVA 500																
AVA 400																
AVA 300																
AVA 200																
AVA 100																
AVA 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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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
[illegible]	DALLAS, TX	[illegible]	JUN

HOURS (LST) 13

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	73.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	77.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	77.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	81.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	81.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	82.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	82.3	85.3	86.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	86.3	85.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	86.3	86.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	86.3	86.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	86.3	87.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	86.3	88.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	88.3	91.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	90.3	91.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	91.0	93.7	95.0	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
≥ 1200	92.0	95.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	93.3	96.0	97.3	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
≥ 900	93.3	96.0	97.3	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
≥ 800	93.3	96.3	97.7	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
≥ 700	93.7	96.7	98.0	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
≥ 600	94.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.3	97.7	99.0	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
≥ 400	94.3	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.3	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.3	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.3	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.3	97.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
93931	DALLAS, TX	73-92	JUL

HOURS (LST)

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	49.7	58.7	54.7	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	57.7	53.7	59.	59.
≥ 20000	63.3	59.3	62.7	63.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7
≥ 18000	63.3	59.3	62.7	63.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7
≥ 16000	63.3	59.3	62.7	63.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7
≥ 14000	61.3	60.0	61.3	64.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3
≥ 12000	61.7	61.3	62.3	65.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3
≥ 10000	65.7	65.0	66.7	69.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.7
≥ 9000	66.0	66.0	67.7	70.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.7	72.7
≥ 8000	69.3	69.0	70.7	73.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 7000	69.3	69.0	70.7	73.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 6000	69.3	69.7	71.3	74.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7	76.7
≥ 5000	70.0	71.0	72.7	76.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.3	78.3
≥ 4500	70.7	72.0	73.7	77.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.	79.
≥ 4000	71.3	73.0	74.7	78.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.
≥ 3500	71.7	73.3	75.0	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3
≥ 3000	73.7	76.0	77.7	81.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.3
≥ 2500	75.0	78.7	80.3	83.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.	86.
≥ 2000	77.7	81.7	83.3	86.7	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.	89.
≥ 1800	67.7	82.0	83.7	87.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3
≥ 1500	70.3	85.3	86.0	91.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.
≥ 1200	71.7	86.3	88.7	92.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.7
≥ 1000	72.3	87.7	90.3	93.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3
≥ 900	72.7	88.7	90.7	94.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	96.7
≥ 800	72.7	89.0	91.7	95.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7
≥ 700	73.0	89.3	92.3	95.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3
≥ 600	73.3	89.7	92.7	96.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3
≥ 500	73.3	89.7	92.7	96.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3
≥ 400	73.3	89.7	92.7	96.0	98.3	98.7	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0
≥ 300	73.3	89.7	92.7	96.0	98.3	98.7	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0
≥ 200	73.3	89.7	92.7	96.0	98.3	98.7	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100	73.3	89.7	92.7	96.0	98.3	98.7	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	73.3	89.7	92.7	96.0	98.3	98.7	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	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) 09

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	96.3	91.7	5.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 20000	53.7	59.7	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	53.7	59.7	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	53.7	59.7	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	54.3	60.3	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	54.7	61.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	57.0	63.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	57.3	64.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	60.7	67.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	60.7	67.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	60.7	67.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	62.0	69.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	62.3	70.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	63.7	72.7	74.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	74.7	74.0	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	76.0	75.3	76.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	78.3	79.3	80.7	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	82.0	84.0	85.3	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	83.3	85.3	86.7	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	89.3	91.7	92.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	91.7	94.7	96.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	92.7	95.7	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	92.7	95.7	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	92.7	95.7	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	92.7	95.7	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.7	95.7	97.3	98.7	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | DALLAS, Tx STATION NAME | [illegible] YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	[illegible]
≥ 20000	[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	[illegible]	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	[illegible]
≥ 12000	[illegible]	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	[illegible]
≥ 10000	[illegible]	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	[illegible]
≥ 9000	[illegible]	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	[illegible]
≥ 8000	[illegible]	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	[illegible]
≥ 7000	[illegible]	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	[illegible]
≥ 6000	[illegible]	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	[illegible]	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	[illegible]
≥ 4500	[illegible]	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	[illegible]	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	[illegible]
≥ 3500	[illegible]	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	[illegible]
≥ 3000	[illegible]	91.3	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	[illegible]
≥ 2500	[illegible]	95.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	[illegible]
≥ 2000	[illegible]	95.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	[illegible]
≥ 1800	[illegible]	95.7	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	[illegible]	97.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	[illegible]	97.7	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	[illegible]	98.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	[illegible]	98.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	[illegible]	98.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	[illegible]	98.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	[illegible]	98.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	[illegible]	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	[illegible]	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

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	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	71.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	77.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	89.0	89.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	93.7	94.3	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	94.3	95.3	95.7	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
≥ 2500	96.3	96.3	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	96.7	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	96.7	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	96.7	98.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	96.7	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.7	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.0	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.0	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	JUN

HOURS (L S T) 18

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	82.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	82.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 16000	82.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	84.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	89.7	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	92.0	92.0
≥ 9000	90.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	91.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	91.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	91.7	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
≥ 4500	93.7	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	96.0	96.0
≥ 4000	94.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	95.7	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	98.7	98.7
≥ 2500	95.7	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	98.7	98.7
≥ 2000	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	96.0	99.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 303

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
93291	[illegible]	77-82	JAN

HOURS (LST) 21

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000	83.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 18000	83.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	83.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	86.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 12000	86.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	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	97.7	97.7
≥ 3000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	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
≥ 2000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.1	78.0	84.5	84.5	87.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 20000	80.7	72.7	73.2	73.6	77.9	73.8	73.8	73.8	73.8	73.8	73.8	73.8	77.8	77.8	73.9	73.9
≥ 18000	80.7	72.7	73.2	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 16000	80.7	72.8	73.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	81.1	73.3	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 12000	81.1	74.3	74.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 10000	74.7	78.1	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	75.0	78.5	79.0	79.4	79.6	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 8000	77.4	81.0	81.5	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 7000	77.4	81.7	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 6000	78.1	81.6	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	79.2	82.9	83.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	84.0	84.1	84.7	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	86.1	86.5	87.2	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	88.6	88.2	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 3000	90.1	89.9	90.6	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 2500	91.6	91.3	92.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 2000	92.8	93.3	94.0	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	93.8	93.9	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	94.9	95.4	96.3	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1200	96.1	96.3	97.2	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.3	96.4	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	96.6	96.8	97.8	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.7	97.0	98.1	98.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	96.9	97.1	98.1	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.9	97.3	98.3	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	97.0	97.3	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.0	97.3	98.3	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	97.0	97.3	98.3	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.0	97.3	98.3	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.0	97.3	98.3	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.0	97.3	98.3	99.1	99.5	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

HOURS (L S T) 03

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	79.4	79.4	8 .3	8 .3	8 .3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	92.9	93.3	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 9000	93.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	95.9	96.4	96.4	96.4	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	96.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	96.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.1	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	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 JUL

HOURS (LST) 03

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	76.1	77.7	78.4	78.4	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	76.1	77.7	78.4	78.4	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000	76.1	82.4	83.2	83.2	83.6	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	76.1	82.4	83.2	83.2	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	76.1	82.5	83.2	83.2	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	76.1	85.5	86.1	86.1	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	91.4	91.7	91.9	91.9	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	91.5	92.3	92.5	92.5	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	91.6	93.9	94.5	94.5	94.8	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	92.3	94.5	95.2	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	92.9	94.5	95.2	95.2	95.5	95.5	95.8	95.8	95.9	95.8	95.9	95.8	95.8	95.8	95.8	95.8
≥ 5000	92.9	94.6	95.5	95.8	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	93.2	95.5	96.1	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	93.2	95.5	96.1	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	93.2	95.5	96.1	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	93.4	96.1	96.7	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	94.2	96.4	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	94.5	97.1	97.7	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	94.7	97.4	98.1	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	95.2	98.1	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	95.3	98.1	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.3	98.1	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	98.1	98.7	99.1	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	98.1	98.7	99.1	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	98.1	98.7	99.0	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 15

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	87.7	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	91.0	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	92.9	93.1	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	94.8	94.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	96.6	96.6	96.8	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.4	97.4	97.4	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
≥ 2000	97.7	97.7	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.	99.
≥ 1800	97.7	97.7	97.7	98.7	99.1	99.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	97.7	97.7	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.7	97.7	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.7	97.7	97.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.7	97.7	97.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.7	97.7	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	97.7	97.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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																
≥ 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
[illegible]	DALLAS, TX	73-92	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 24

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS JUL 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	[illegible]	72.7	72.7	73.1	73.[illegible]	[illegible]3.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	77.1	79.4	80.3	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	77.1	79.6	80.6	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	77.3	79.9	80.7	81.0	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	77.7	80.1	81.2	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	78.9	82.5	83.7	83.9	84.[illegible]	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	80.0	87.2	88.0	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	84.6	87.8	88.6	89.0	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	86.1	89.4	90.4	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	86.3	89.7	90.7	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	86.7	90.2	91.0	91.3	91.6	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	86.7	91.7	92.5	93.1	93.5	93.[illegible]	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	86.8	92.3	93.1	93.7	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	87.[illegible]	93.4	94.3	95.[illegible]	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	88.1	93.9	94.9	95.6	95.9	96.[illegible]	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	88.1	94.7	95.7	96.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	91.3	95.4	96.3	97.1	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 2000	91.4	95.6	96.6	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	91.[illegible]	95.9	96.8	97.5	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	92.[illegible]	96.4	97.4	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	92.1	96.4	97.5	98.3	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	92.1	96.4	97.6	98.4	98.8	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	92.1	96.6	97.7	98.4	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 800	92.1	96.7	97.7	98.5	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.1	96.7	97.7	98.6	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	92.1	96.8	97.8	98.6	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	92.1	96.8	97.9	98.7	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	92.1	96.9	97.9	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	92.1	96.9	97.9	98.7	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.1	96.9	97.9	98.7	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.1	96.9	97.9	98.7	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.1	96.8	97.9	98.7	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2476

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH AUG

HOURS (L.S.T.) 20

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST)

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	51.[illegible]	65.[illegible]	67.1	[illegible]	68.4	[illegible]	68.4	[illegible]	[illegible]	68.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	71.[illegible]	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	[illegible]	71.[illegible]	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	[illegible]	71.[illegible]	73.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	[illegible]	[illegible]	74.[illegible]	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	[illegible]	76.5	76.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME DALLAS, TX YEARS 7?-?? MONTH A??

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	55.?	[illegible]	61.[illegible]	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	62.?	62.1	68.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	62.[illegible]	68.1	68.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	63.2	66.4	67.7	69.0	69.0	69.0	69.[illegible]	69.0	69.0	69.[illegible]	69.[illegible]	69.[illegible]	69.0	69.0	69.0	69.0
≥ 14000	73.3	69.7	67.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	76.5	72.9	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	81.?	77.7	75.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	81.?	77.7	77.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	82.4	79.[illegible]	79.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	82.6	79.[illegible]	79.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	82.6	79.[illegible]	79.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	85.?	81.6	81.?	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	87.1	83.4	84.?	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	90.3	90.3	90.?	91.3	91.3	91.3	91.3	91.3	91.?	91.3	91.?	91.3	91.3	91.?	91.?	91.?
≥ 3500	93.6	93.3	93.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	94.2	93.6	94.?	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	94.?	93.9	94.?	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	96.?	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	96.4	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	97.4	97.4	98.4	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 1200	97.8	97.4	98.4	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
≥ 1000	97.8	97.7	98.7	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
≥ 900	97.8	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.8	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	97.7	99.[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	97.7	99.[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	97.7	99.[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	97.7	99.[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.8	97.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T / L D 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																
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≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE 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																
≥ 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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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≥ 300																
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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	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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≥ 14000																
≥ 12000																
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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

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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≥ 100																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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 OCT

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

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 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	≥ 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																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME DALLAS, TX YEARS 72-82 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	[illegible]
≥ 20000	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
≥ 18000	[illegible]	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
≥ 16000	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
≥ 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	[illegible]	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	[illegible]	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	[illegible]	83.6	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	[illegible]	83.6	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	[illegible]	84.2	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	86.6	86.6	87.1	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	[illegible]	86.7	87.1	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	87.1	87.7	88.1	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	[illegible]	88.1	88.4	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	[illegible]	89.3	89.4	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	[illegible]	91.5	91.6	92.4	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	[illegible]	93.2	94.2	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	[illegible]	93.6	94.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	94.2	94.2	95.2	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	[illegible]	94.5	95.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	94.7	95.2	96.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	[illegible]	95.2	96.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	95.5	96.1	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	[illegible]	96.1	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	[illegible]	96.5	97.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	[illegible]	96.8	97.4	98.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	[illegible]	96.5	97.4	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	96.5	97.4	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 200	[illegible]	96.5	97.4	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 100	[illegible]	96.5	97.4	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 0	[illegible]	96.5	97.4	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 11[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 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 _____

HOURS (LST) ALL

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																
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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: [illegible] | STATION NAME: [illegible] | YEARS: 75-82 | MONTH: NOV | HOURS (L S T): 03

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	60.0	60.0	60.0	60.0	60.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	60.0	60.0	60.0	60.0	60.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 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 _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] 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	[illegible]	45.7	46.7	46.7	46.7	7.[illegible]	47.7	47.7	47.7	47.0	47.3	47.7	47.0	47.	47.7	47.7
≥ 20000	[illegible]	50.3	51.7	51.7	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	50.7	51.7	51.7	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	50.7	51.7	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	50.3	51.7	51.7	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	50.3	52.0	52.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	54.3	56.0	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	[illegible]	54.3	56.0	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	[illegible]
≥ 8000	[illegible]	57.3	58.7	[illegible]	59.0	[illegible]	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	[illegible]
≥ 7000	[illegible]	58.3	60.3	60.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	59.3	61.3	61.3	61.7	62.[illegible]	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.[illegible]
≥ 5000	[illegible]	61.7	64.[illegible]	64.0	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4500	[illegible]	[illegible]	64.3	64.3	64.7	65.[illegible]	65.0	65.0	65.0	65.[illegible]	65.[illegible]	65.0	[illegible]	65.0	65.[illegible]	[illegible]
≥ 4000	[illegible]	62.7	65.0	65.[illegible]	65.3	66.[illegible]	66.0	66.[illegible]	66.[illegible]	66.0	66.[illegible]	66.[illegible]	66.[illegible]	66.0	66.0	[illegible]
≥ 3500	[illegible]	63.7	66.0	66.0	66.3	67.[illegible]	67.[illegible]	67.[illegible]	67.7	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
≥ 3000	[illegible]	[illegible]	69.3	69.3	69.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	[illegible]	68.3	70.7	70.7	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2000	[illegible]	70.[illegible]	73.[illegible]	73.0	73.[illegible]	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
≥ 1800	[illegible]	70.7	73.3	73.3	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500	[illegible]	75.[illegible]	77.7	78.0	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1200	[illegible]	78.[illegible]	79.3	[illegible]	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1000	[illegible]	79.3	83.3	84.3	85.[illegible]	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	[illegible]	79.7	83.7	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	[illegible]	[illegible]	86.0	87.0	88.3	90.0	90.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	81.0	86.7	88.0	89.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	[illegible]
≥ 600	[illegible]	[illegible]	87.3	88.7	91.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	[illegible]
≥ 500	[illegible]	82.7	88.3	90.0	92.3	94.0	95.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]
≥ 400	[illegible]	82.7	88.3	90.3	93.0	94.7	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	[illegible]
≥ 300	[illegible]	82.7	88.3	90.3	93.3	95.0	96.0	97.0	97.0	98.0	99.0	99.0	98.0	98.0	98.0	[illegible]
≥ 200	[illegible]	[illegible]	88.3	90.3	93.3	95.0	96.0	97.0	97.0	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
≥ 100	[illegible]	82.7	88.3	90.3	93.3	95.0	96.0	97.0	97.0	98.3	98.3	98.3	98.3	98.3	98.3	99.[illegible]
0	[illegible]	82.7	88.3	90.3	93.3	[illegible]	96.0	97.0	97.0	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]

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)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100															100.0	100.0
0															100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] DALLAS, TX 72-82 NOV

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

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	55.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	59.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	59.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	59.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	59.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	64.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	64.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	66.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	66.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	69.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	71.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	72.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	76.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	77.7	83.3	83.3	83.3	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	85.3	86.3	86.3	86.3	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	86.3	86.7	86.7	86.7	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	90.3	90.7	90.7	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	91.3	91.7	91.7	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	91.7	92.7	94.0	94.7	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	91.7	92.7	94.0	95.3	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	92.0	93.3	94.7	96.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	92.0	93.7	95.3	96.7	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.7	93.7	95.3	97.0	98.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	92.7	93.7	95.3	97.3	98.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.7	93.7	95.3	97.3	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.7	93.7	95.3	97.3	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.7	93.7	95.3	97.3	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	92.7	93.7	95.3	97.3	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	92.7	93.7	95.3	97.3	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1 3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-82 MONTH NOV

HOURS (LST) 16

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	0
NO CEILING	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	89.3	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	91.7	91.7	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	93.7	93.3	95.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	96.7	96.0	96.0	96.7	96.0	96.3	96.3	96.3	96.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	96.7	96.0	96.0	96.7	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	97.7	97.7	98.0	98.0	98.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	98.7	98.7	99.0	99.0	99.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	98.7	98.7	99.0	99.0	99.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	98.7	98.7	99.0	99.0	99.0	98.7	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.7	98.7	99.0	99.0	99.0	98.7	98.7	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	98.7	99.0	99.0	99.0	98.7	98.7	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	98.7	99.0	99.0	99.0	98.7	98.7	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 600

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 72-92 MONTH NOV

HOURS (L S T) 01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS 310

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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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 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-[illegible] MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	64.7	64.8	64.9	[illegible]	65.0	[illegible]	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥ 16000	[illegible]	[illegible]	64.7	64.9	[illegible]	[illegible]	65.1	[illegible]	[illegible]	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	[illegible]	[illegible]	65.1	65.2	[illegible]	[illegible]	65.4	[illegible]	65.4	65.4	[illegible]	65.4	65.4	65.4	65.4	[illegible]
≥ 12000	[illegible]	66.[illegible]	66.[illegible]	66.2	66.[illegible]	66.[illegible]	66.4	[illegible]	66.4	66.4	[illegible]	66.4	66.4	66.4	66.4	66.4
≥ 10000	[illegible]	[illegible]	69.0	[illegible]	69.3	69.3	69.4	69.4	69.4	[illegible]	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	[illegible]	69.0	69.1	69.3	[illegible]	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	[illegible]
≥ 8000	[illegible]	71.2	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	[illegible]	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	[illegible]
≥ 6000	[illegible]	73.1	73.2	73.4	[illegible]	[illegible]	73.6	73.6	73.6	73.6	73.6	73.6	73.6	[illegible]	73.6	73.7
≥ 5000	[illegible]	74.[illegible]	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	[illegible]	76.[illegible]	76.[illegible]	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	[illegible]
≥ 4000	[illegible]	76.[illegible]	76.8	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	[illegible]	77.[illegible]	77.5	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	[illegible]	79.[illegible]	79.[illegible]	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	[illegible]	[illegible]	80.9	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	[illegible]	82.[illegible]	82.[illegible]	82.9	83.1	83.2	83.3	[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	84.1	[illegible]	84.3	[illegible]	[illegible]	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	[illegible]	[illegible]	86.[illegible]	86.4	86.6	[illegible]	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	[illegible]	86.5	87.[illegible]	[illegible]	88.[illegible]	88.2	88.[illegible]	88.3	[illegible]	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 1000	[illegible]	88.3	89.1	89.8	[illegible]	90.6	90.6	[illegible]	90.7	90.7	90.7	90.7	90.7	90.7	90.7	[illegible]
≥ 900	[illegible]	[illegible]	89.[illegible]	[illegible]	90.7	[illegible]	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 800	[illegible]	89.6	90.6	91.4	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	[illegible]
≥ 700	[illegible]	90.[illegible]	91.0	91.9	93.2	93.6	93.8	[illegible]	[illegible]	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 600	[illegible]	90.3	91.[illegible]	92.3	93.9	94.4	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	[illegible]
≥ 500	[illegible]	90.5	91.9	92.9	94.[illegible]	95.4	95.[illegible]	96.3	96.[illegible]	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	[illegible]	90.[illegible]	92.2	93.4	[illegible]	96.2	96.9	97.5	97.[illegible]	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	[illegible]	90.8	92.4	93.6	95.4	96.5	97.3	[illegible]	98.1	98.5	[illegible]	98.6	98.6	98.6	98.6	98.7
≥ 200	[illegible]	90.9	92.5	93.8	96.[illegible]	96.8	97.5	[illegible]	[illegible]	98.8	99.[illegible]	99.0	99.1	99.1	99.1	99.2
≥ 100	[illegible]	[illegible]	92.5	93.8	96.1	[illegible]	97.7	[illegible]	[illegible]	98.9	99.[illegible]	99.2	99.3	99.4	99.4	99.6
≥ 0	[illegible]	90.9	92.5	[illegible]	96.1	96.9	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 247

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 29211

DIRNAVOCEANMET SMOS

4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
93901	DALLAS, TX	73-P2	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00	37.7			12.9						8.1	41.3	5.2	310
	03	39.4			7.7						10.0	42.9	[illegible]	310
	06	32.9			14.8						8.7	43.5	5.6	310
	09	17.4			17.4						14.5	50.6	6.9	310
	12	20.6			16.1						15.8	47.4	6.6	310
	15	19.0			19.0						16.1	45.8	[illegible]	310
	18	19.4			23.9						13.5	43.2	6.3	310
	21	37.7			12.6						8.1	41.6	5.3	310
TOTALS		28.0			15.6						11.9	44.5	6.0	2480

NAVWEASERVCOM

4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
93901	DALLAS, TX	73-82	FEB

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		
FEB	00	39.4			16.7						8.9	35.1	4.8	282
	03	39.0			14.5						8.2	38.3	4.0	282
	06	32.3			13.8						9.9	44.0	5.7	282
	09	20.2			14.5						16.1	47.2	6.8	282
	12	22.7			14.2						18.4	44.7	6.6	282
	15	19.1			23.4						14.9	42.6	6.3	282
	18	21.6			22.7						21.6	34.0	6.0	282
	21	35.5			18.4						12.8	33.3	5.0	282
TOTALS		28.7			17.3						14.1	39.9	5.8	2256

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4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
03901	DALLAS, TX	73-82	MAR

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		
MAR	00	35.8			17.7						16.9	29.7	5.0	310
	03	31.6			11.3						16.8	40.3	5.9	310
	06	25.2			11.3						19.0	44.5	6.5	310
	09	17.1			13.9						18.7	50.3	7.1	310
	12	14.5			21.3						21.0	43.2	6.8	310
	15	13.7			17.1						26.8	37.4	6.7	310
	18	20.3			19.7						20.3	39.7	6.4	310
	21	33.2			18.1						14.5	34.2	5.3	310
TOTALS		24.6			16.3						19.2	39.9	6.2	2480

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4

SKY COVER

23901	DALLAS, TX	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	00	31.7			21.3						15.7	31.3	5.2	300
	03	32.7			14.0						18.7	34.7	5.6	300
	06	17.7			18.7						20.7	43.0	6.7	300
	09	16.7			17.0						21.3	45.0	6.9	300
	12	16.7			18.3						30.3	34.7	6.7	300
	15	18.0			19.3						27.7	35.0	6.6	300
	18	21.7			20.3						22.0	36.0	6.2	300
	21	34.0			22.3						14.7	29.0	4.9	300
TOTALS		23.7			18.9						20.9	36.6	6.1	2400

NAVWEASERVCOM

4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
03901	DALLAS, TX	73-92	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00	33.7			16.6						19.1	31.3	5.3	310
	03	31.0			20.0						11.9	37.1	5.4	310
	06	13.9			22.3						21.9	41.9	6.8	310
	09	15.5			22.7						26.5	35.9	6.6	309
	12	12.9			20.6						36.1	30.3	6.9	310
	15	14.2			27.4						33.9	24.5	6.3	310
	18	17.4			34.2						21.3	27.1	5.7	310
	21	33.2			21.9						13.1	26.8	5.0	310
TOTALS		21.5			23.2						23.5	31.9	6.0	2479

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4

SKY COVER

93901	DALLAS, TX	73-82	JUN
STATION	STATION NAME	PERIOD	MONTH

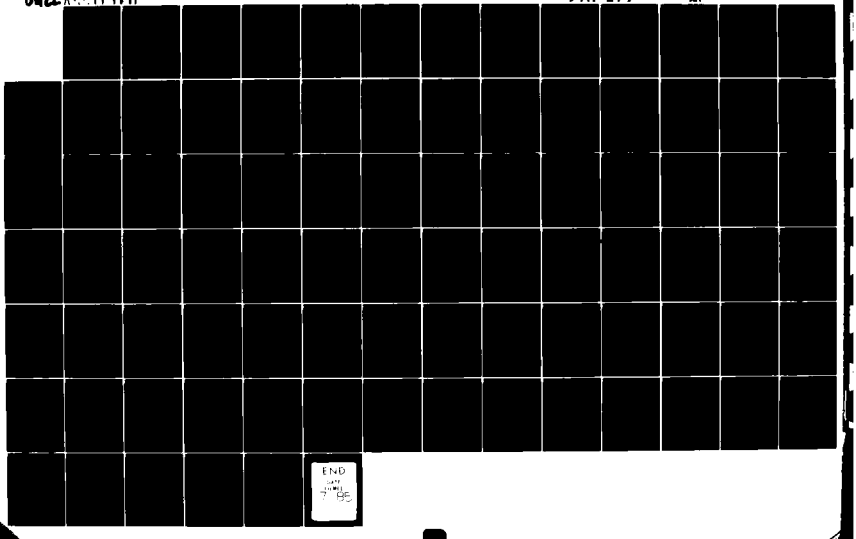
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

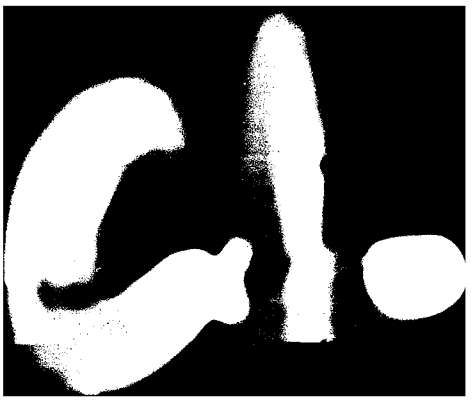
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00	51.7			16.0						13.7	18.7	7.6	300
	03	41.3			18.3						18.0	23.7	4.5	300
	06	17.3			28.0						26.3	28.3	6.8	300
	09	19.0			24.7						33.7	22.7	6.8	300
	12	16.7			33.0						37.7	12.7	6.6	300
	15	13.7			41.0						32.0	13.3	6.4	300
	18	17.7			47.3						22.3	11.3	6.6	300
	21	42.3			27.7						12.0	18.0	7.7	300
TOTALS		27.5			29.5						24.5	18.5	6.9	2400

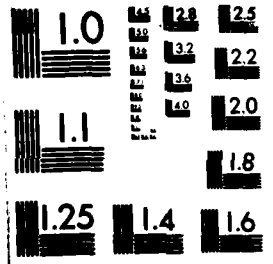
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AD A150 599 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) DALLAS TEXAS(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 4/4

UNCLASSIFIED F/G 4/2 NL







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

4

SKY COVER

03901	DALLAS, TX	73-82	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00	47.6			24.9						15.5	12.0	3.3	309
	03	48.7			25.2						13.9	12.3	3.2	310
	06	24.2			37.7						20.6	17.4	4.7	310
	09	32.3			31.6						23.5	12.6	4.3	310
	12	11.6			51.9						24.5	11.9	5.0	310
	15	6.8			49.4						30.0	13.9	5.6	310
	18	15.5			49.7						19.4	15.5	4.8	310
	21	40.6			33.2						14.5	11.6	3.5	310
TOTALS		28.4			38.0						20.2	13.4	4.3	2479

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
93901	DALLAS, TX	73-82	AUG

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	00	51.0			22.6						13.2	13.2	3.2	310
	03	46.8			21.3						18.1	13.9	3.7	310
	06	20.0			37.1						27.4	15.5	5.1	310
	09	31.3			29.7						22.9	16.1	4.6	310
	12	11.6			43.9						29.4	15.2	5.5	310
	15	7.7			46.1						35.2	11.0	5.6	310
	18	19.4			41.6						24.2	14.8	4.9	310
	21	40.6			26.8						22.6	10.0	3.8	31
TOTALS		28.6			33.6						24.1	13.7	4.6	2480

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SKY COVER

93901	DALLAS, TX	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	00	44.7			18.3						15.0	22.0	4.1	300
	03	47.0			17.7						11.7	23.7	3.9	300
	06	24.3			30.7						17.7	27.3	5.2	300
	09	24.0			24.3						24.3	27.3	5.7	300
	12	13.0			34.3						29.3	23.3	6.0	300
	15	13.3			33.7						32.7	20.3	6.0	300
	18	19.0			37.0						24.3	19.7	5.3	300
	21	44.0			20.0						15.3	20.7	4.0	300
TOTALS		28.7			27.0						21.3	23.0	5.0	2400

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SKY COVER

93901	DALLAS, TX	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	00	49.0			17.4						14.2	19.4	3.7	310
	03	45.8			16.1						13.9	24.2	4.2	310
	06	32.6			21.6						16.5	29.4	5.1	310
	09	25.8			23.5						20.0	30.6	5.6	310
	12	29.0			22.9						23.5	24.5	5.3	310
	15	26.8			25.5						24.5	23.2	5.3	310
	18	31.0			27.7						22.6	18.7	4.7	310
	21	50.3			19.0						13.2	17.4	3.5	310
TOTALS		36.3			21.7						18.6	23.4	4.7	2480

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SKY COVER

93901	DALLAS, TX	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	00	43.3			13.3						11.7	31.7	4.6	300
	03	40.3			11.7						10.0	38.0	5.1	300
	06	35.7			14.0						10.3	40.0	5.4	300
	09	24.0			17.0						18.3	40.7	6.2	300
	12	27.7			18.7						17.7	36.0	5.8	300
	15	27.3			20.0						21.0	31.7	5.7	300
	18	25.7			27.3						16.0	31.0	5.4	300
	21	46.0			13.7						12.0	28.3	4.3	300
TOTALS		33.8			17.0						14.6	34.7	5.3	2400

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SKY COVER

93901 DALLAS, TX 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	00	42.9			14.2						12.6	30.3	4.6	310
	03	45.5			12.3						10.3	31.9	4.5	310
	06	41.9			13.5						7.4	37.1	4.8	310
	09	25.5			20.0						16.8	37.7	5.9	310
	12	24.8			20.0						19.0	36.1	5.9	310
	15	25.8			19.7						24.2	30.3	5.8	310
	18	27.5			24.9						18.1	29.4	5.3	309
	21	42.4			13.9						12.6	31.1	4.7	309
TOTALS		34.5			17.3						15.1	33.0	5.2	2478

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
93901	DALLAS, TX	73-82	ALL

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	28.0			15.6						11.9	44.5	6.0	2480
FEB		29.7			17.3						14.1	39.9	5.8	2256
MAR		24.6			16.3						19.2	39.9	6.2	2480
APR		23.7			18.9						20.9	36.6	6.1	2400
MAY		21.5			23.2						23.5	31.9	6.0	2479
JUN		27.5			29.5						24.5	18.5	4.9	2400
JUL		28.4			38.0						20.2	13.4	4.3	2479
AUG		28.6			33.6						24.1	13.7	4.6	2480
SEP		28.7			27.0						21.3	23.0	5.0	2400
OCT		36.3			21.7						18.6	23.4	4.7	2480
NOV		33.8			17.0						14.6	34.7	5.3	2400
DEC		34.5			17.3						15.1	33.0	5.2	2479
TOTALS		28.7			23.0						19.0	29.4	5.3	29212

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NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

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

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

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

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

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

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

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

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

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

4

DAILY TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

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

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DAILY TEMPERATURES

STATION: [illegible] DALLAS, TX STATION NAME: [illegible] YEARS: [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]					•		•	.3					•
≥ [illegible]						[illegible]	16.5	16.6	1.5				•
≥ [illegible]				.3	3.[illegible]	[illegible]8.1	[illegible]	57.1	16.9	1.[illegible]			1 .[illegible]
≥ [illegible]			•	4.2	23.[illegible]	71.7	95.3	89.7	46.9	[illegible].7	.4		[illegible]
≥ [illegible]	.1	.2	3.2	17.3	50.7	91.3	99.2	98.3	71.4	22.2	3.[illegible]	.6	3[illegible]
≥ [illegible]	1.4	1.9	11.7	39.3	76.6	97.3	99.9	100.0	86.4	42.6	10.[illegible]	2.7	47.[illegible]
≥ [illegible]5	4.8	7.[illegible]	21.4	59.3	89.5	99.5	100.0		95.7	[illegible]1.[illegible]	19.[illegible]	6.5	65.9
≥ [illegible]	10.2	14.6	38.7	76.6	96.9	100.0			98.9	77.7	32.4	11.9	6[illegible].7
≥ 4	17.7	26.4	56.4	88.8	99.5				100.0	91.3	5[illegible].7	22.2	71.6
≥ [illegible]	[illegible].4	43.7	73.8	95.2	99.9					97.9	69.7	40.4	7[illegible].7
≥ [illegible]	44.[illegible]	64.8	87.4	99.3	100.0					[illegible]9.[illegible]	86.[illegible]	64.2	87.8
≥ [illegible]0	6[illegible].[illegible]	81.4	95.4	100.0						100.0	95.4	82.3	[illegible].7
≥ [illegible]	[illegible].6	93.3	[illegible]8.6								[illegible]8.9	92.9	[illegible]
≥ [illegible]	[illegible]1.[illegible]	[illegible]8.5	99.6								99.[illegible]	[illegible]7.7	99.
≥ 1[illegible]	[illegible].4	99.3	99.8								100.0	99.6	99.[illegible]
≥ [illegible]	[illegible]9.[illegible]	[illegible]9.6	100.0									1[illegible].[illegible]	[illegible]9.9
≥ [illegible]	[illegible]9.[illegible]	100.0											[illegible]0.0
≥ [illegible]	[illegible].9												[illegible]0.0
≥ [illegible]	[illegible]0.[illegible]												.[illegible]0.0
≥													
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MEAN	51.[illegible]	5[illegible].[illegible]	[illegible]6.3	5[illegible].[illegible]	[illegible]9.[illegible]	[illegible]2.[illegible]	[illegible]6.[illegible]	[illegible]5.1	[illegible]9.2	5[illegible].2	[illegible]3.[illegible]	3[illegible].1	[illegible].
S.D.	[illegible].[illegible]22	9.8791	[illegible].122	8.715	6.955	5.278	3.668	4.296	7.[illegible]6	9.[illegible]27	[illegible]0.[illegible]84	9.621	16.[illegible]89
TOTAL OBS.	1143	1044	1176	1178	1176	1140	1143	1178	1144	1179	1137	1130	[illegible]

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132191

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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	1.	.6					.
≥						.9	32.	27.3	2.				.4
≥					2.1	37.	72.1	62.6	20.7	.			1 .
≥			.2	2.3	27.4	72.4	72.8	91.9	5 .2	7.5			.
≥		.1	3.4	14.6	51.5	91.8	99.4	99.2	72.7	29.6	2.3	.1	7 .5
≥	.	1.7	11.2	39.0	73.7	98.6	100.0	99.8	90.4	47.1	9.4	1.5	45.6
≥	1.	5.7	24.7	62.9	91.2	99.7		100.0	97.	70.3	21.	.6	57.0
≥	11.2	17.6	43.9	8 .7	97.5	100.0			99.4	8 .5	39.1	12.	67.
≥	1 .	31.5	62.8	82.4	99.6				100.0	8 .3	56.	3 .1	79.4
≥	34.7	49.3	77.3	94.6	100.0					93.7	74.	45.7	8 .
≥ 4	5 .7	66.9	88.	99.8						9 .3	88.9	67.8	9 .
≥ 4	6 .3	82.5	95.2	99.9						100.0	95.7	83.7	9 .9
≥ 5	9 .1	92.5	97.5	100.0							99.	93.7	97.
≥ 7	.4	97.6	99.5								99.5	97.7	99.1
≥ 95	5.7	99.4	99.9								100.0	99.2	99.5
≥ 97	9 .1	99.9	100.0									100.0	99.9
≥ 99	99.7	100.0											100.0
≥ 100	100.												100.0
≥													
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≥													
≥													
≥													
MEAN													
S. D.													
TOTAL OBS.													

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ALLAS, T[illegible]	1946-1982	JANUARY

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	4[illegible]	7.2	55.1	12.8	72	22.2	1976	34.9	1.6	12	-11.1	1979
2	[illegible].2	7.9	[illegible]5.6	13.1	77	25.[illegible]	1982	36.[illegible]	2.7	11	-11.7	1979
3	[illegible].3	6.3	53.[illegible]	12.2	73	22.[illegible]	1971*	32.6	.3	13	-1[illegible].6	1959
4	2.5	5.8	51.6	10.[illegible]	73	22.[illegible]	1955	33.4	.8	7	-13.9	1947
5	[illegible].4	6.3	53.[illegible]	12.1	7[illegible]	25.1	1956	33.1	.6	9	-12.8	1947
6	[illegible]4.[illegible]	7.2	55.5	13.1	7[illegible]	26.1	1982*	34.[illegible]	1.2	19	-7.2	1968
7	3.1	6.2	53.[illegible]	12.1	7[illegible]	26.1	1975	32.5	.[illegible]	12	-11.1	1969
8	[illegible]4.[illegible]	7.[illegible]	55.7	13.2	83	28.3	1969	34.[illegible]	1.1	1[illegible]	-11.1	1976
9	[illegible]2.[illegible]	6.1	[illegible]3.5	11.[illegible]	85	29.4	1957	32.4	.2	13	-1[illegible].6	1977
10	[illegible]1.5	5.3	[illegible]0.5	10.3	77	25.[illegible]	1963	32.5	.3	7	-13.[illegible]	1962
11	[illegible]1.[illegible]	5.3	50.5	10.[illegible]	80	26.7	1971	32.2	.1	[illegible]	-13.3	1962
12	[illegible]3.1	6.[illegible]	[illegible]2.1	11.2	76	24.4	1972*	34.1	1.2	3	-16.1	1973
13	44.[illegible]	7.1	53.[illegible]	12.2	7[illegible]	22.[illegible]	1952	35.5	1.9	13	-1[illegible].6	1964*
14	4[illegible].[illegible]	7.4	56.1	13.4	76	24.4	1971	34.[illegible]	1.6	10	-12.2	1964
15	4[illegible].[illegible]	[illegible].[illegible]	56.3	13.[illegible]	75	23.[illegible]	1952	34.[illegible]	1.1	14	-10.0	1972
16	[illegible]2.[illegible]	5.9	52.[illegible]	11.6	76	24.4	1952	32.3	.2	1[illegible]	-[illegible].9	1962
17	4[illegible].4	6.9	[illegible]4.[illegible]	12.[illegible]	7[illegible]	26.1	1974*	34.2	1.2	1[illegible]	-10.6	1962
18	45.[illegible]	7.7	55.[illegible]	13.2	82	27.8	1974	35.7	2.1	17	-8.3	1977
19	[illegible]4.[illegible]	6.8	[illegible]2.6	11.4	84	28.[illegible]	1952	36.[illegible]	2.2	13	-1[illegible].6	1963
20	[illegible]4.5	6.9	54.8	12.7	80	26.7	1972	34.2	1.2	13	-1[illegible].6	1963
21	4[illegible].3	7.4	54.7	12.6	80	26.7	1952	35.[illegible]	2.1	17	-8.3	1954
22	[illegible].[illegible]	7.8	57.2	14.[illegible]	82	27.8	1969	34.9	1.6	14	-1[illegible].0	1979
23	[illegible]4.3	6.[illegible]	53.7	12.[illegible]	80	26.7	1976	34.9	1.6	11	-11.7	1956
24	46.7	8.2	[illegible]5.4	14.[illegible]	8[illegible]	28.[illegible]	1967	35.1	1.7	[illegible]	-13.3	1963
25	[illegible]8.[illegible]	9.2	[illegible]8.3	15.2	81	27.[illegible]	1952	37.8	[illegible].2	22	-5.6	1969
26	[illegible]7.4	8.6	57.7	14.3	79	26.1	1953	37.1	2.8	23	-5.[illegible]	1963
27	4[illegible].2	7.3	55.1	12.[illegible]	81	27.2	1975	35.2	1.8	13	-10.6	1963
28	44.[illegible]	7.1	[illegible]5.5	13.1	85	29.4	197[illegible]	33.[illegible]	1.1	14	-10.0	1948
29	4[illegible].3	7.9	56.5	13.6	77	25.[illegible]	1971	36.1	2.3	1[illegible]	-12.2	1966
30	[illegible]3.[illegible]	6.6	53.9	12.2	79	26.1	1967	33.8	1.[illegible]	[illegible]	-1[illegible].8	1949
31	[illegible]4.1	6.7	[illegible]3.3	11.8	82	27.8	1974	35.[illegible]	1.7	-2	-1[illegible].9	1949
Monthly	44.[illegible]	7.0	[illegible]4.6	12.6	85	29.4	197[illegible]	34.5	1.4	-2	-1[illegible].9	1949

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]1	DALLAS, TX	1948-1982	FEBRUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	45.7	7.7	56.2	13.4	88	31.1	1963	35.6	2.0	[illegible]	-12.8	1951
2	[illegible]	6.6	53.4	11.9	76	24.4	1962	34.5	1.4	[illegible]	-12.8	1951
3	[illegible]	7.2	54.6	12.6	80	26.7	1976*	35.4	1.9	20	-6.7	1972
4	47.6	8.7	57.9	14.3	79	26.1	1973	37.4	3.0	27	-6.7	1972
5	47.8	8.8	57.3	14.1	80	26.7	1967	38.2	3.4	2	-6.7	1982
6	[illegible]	7.8	55.7	13.2	78	25.6	1963	36.4	2.4	15	-9.4	1982
7	[illegible]	7.9	54.9	12.7	83	28.3	1969	36.2	2.3	13	-7.8	1975
8	[illegible]	9.6	59.4	15.2	86	30.0	1962	35.7	1.6	9	-12.8	1971
9	46.[illegible]	8.2	57.8	14.3	87	30.6	1957	35.7	2.1	16	-8.9	1979*
10	47.5	8.7	[illegible]	15.3	86	30.[illegible]	1954	34.8	1.6	17	-8.3	1981
11	47.6	8.7	57.9	14.4	77	25.[illegible]	1962	37.4	[illegible]	13	-10.6	1981
12	[illegible]	9.3	[illegible]	14.9	83	28.3	1974	38.7	3.7	21	-6.1	1963
13	[illegible]	9.9	62.2	16.8	81	27.2	1974	37.6	3.1	18	-7.8	1979
14	[illegible]	10.2	[illegible]	15.7	81	27.2	1956	[illegible]	4.7	22	-5.6	1971
15	[illegible]	9.9	59.8	15.4	79	26.1	1979*	39.8	4.3	24	-4.4	1951
16	[illegible]	9.8	59.2	15.0	84	28.9	1976	38.1	3.4	22	-5.6	1979*
17	[illegible]	9.6	[illegible]	15.9	87	30.6	1959	38.1	3.4	21	-6.1	1981
18	[illegible]	10.4	[illegible]	15.9	80	26.7	1974	[illegible]	4.9	12	-11.1	1979
19	[illegible]	10.0	[illegible]	15.9	85	29.4	1949	39.2	4.0	10	-12.2	1979
20	[illegible]	10.5	61.8	16.6	9[illegible]	32.2	1980	[illegible]	4.5	27	-2.8	1978
21	[illegible]	9.6	59.5	15.3	81	27.2	1982	38.9	[illegible]	21	-6.1	1979
22	[illegible]	9.9	[illegible]	15.7	87	30.6	1982	39.6	4.2	21	-6.1	1963
23	[illegible]	10.4	[illegible]	16.2	82	27.8	1982	[illegible]	4.7	22	-5.6	1975
24	49.[illegible]	9.9	[illegible]	15.9	85	29.4	1972	38.7	3.7	17	-8.3	1965
25	[illegible]	11.6	[illegible]	18.0	85	29.4	1972	41.4	5.2	17	-8.3	1965
26	[illegible]	11.4	[illegible]	17.3	87	30.6	1954	41.7	5.4	22	-5.6	1967
27	[illegible]	12.1	64.9	18.3	82	27.8	1953	42.8	6.0	28	-2.2	1962
28	[illegible]	12.4	65.8	18.8	84	28.9	1981	42.[illegible]	6.[illegible]	20	-6.7	1962
29	52.7	11.5	64.1	17.8	93	26.7	1976	41.4	5.2	26	-3.3	1968*
30												
31												
Monthly	[illegible]	9.4	[illegible]	15.3	9[illegible]	32.2	1980	38.5	3.6	9	-12.8	1971*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

9?1	DALLAS, T?	1945-1982	MARCH
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	52.?	11.6	64.1	17.8	85	29.4	1972	41.?	5.4	19	-7.2	1962
2	?4.1	12.3	64.1	17.8	85	29.4	1974	44.1	6.7	17	-8.3	19??
3	?3.?	12.1	63.7	17.6	86	30.0	1967	43.6	6.4	19	-7.2	1971
4	?.2	11.8	63.0	17.2	86	30.0	1976*	43.5	6.4	?2	-5.6	1978
5	51.?	10.9	62.2	16.8	85	29.4	1974*	41.2	5.1	26	-3.3	196?
6	??.?	11.6	63.3	17.4	86	30.?	1974*	42.6	5.9	24	-4.4	1954
7	54.?	12.6	65.9	18.8	91	32.?	1972	43.4	6.3	??	-?.2	1982
8	?3.1	11.7	63.8	17.7	84	28.9	1974	42.5	5.8	24	-4.4	1967
9	54.?	12.7	65.7	18.7	81	27.2	1954	43.?	6.6	22	-5.6	1949
10	57.7	14.3	68.6	20.3	94	34.4	1955*	46.7	8.2	?6	-3.3	1969
11	?.?	14.4	68.7	20.4	95	35.?	1955	47.3	8.5	12	-11.1	1948
12	5?.?	13.3	66.2	19.?	93	33.9	1967	45.7	7.6	13	-10.6	194?
13	?5.?	12.6	65.1	18.4	91	32.?	1971	44.?	7.2	23	-?.?	1948
14	?.?	13.6	68.1	20.1	90	32.?	1967	44.?	7.1	?6	-3.3	1975
15	?.?	13.5	67.3	19.6	82	27.8	1961	45.2	7.3	27	-2.8	1954
16	56.?	13.?	67.9	19.9	84	28.9	1982	45.6	7.6	28	-?.2	1947
17	?.?	14.7	?.0	21.1	87	30.6	1972	47.1	8.4	32	.?	196?
18	?.7	14.?	68.7	20.4	88	31.?	1974	48.7	9.3	?0	-1.1	1955
19	?.7	14.3	68.4	20.2	88	31.1	1952	46.?	8.3	?5	-3.9	1969
20	?.1	14.5	69.?	20.6	85	29.4	1952	47.1	8.4	?2	-5.6	1965
21	?.1	13.9	68.7	20.4	85	29.4	1952	45.6	7.6	?.	-1.1	197?
22	?.4	14.7	?.1	21.2	85	29.4	196?	46.4	8.2	?6	-3.3	1955
23	?.9	15.5	?1.8	22.1	89	31.?	1972	47.?	8.8	??	-3.9	1948
24	?.7	14.8	?.4	20.2	88	31.1	1972*	49.?	9.4	?	-1.1	1974
25	?.?	14.2	67.3	19.6	85	29.4	1950	47.?	8.7	?5	-3.9	1955
26	?.?	14.7	69.2	20.7	?6	30.0	1976	47.8	8.8	23	-5.0	1955
27	59.?	15.4	?.5	21.4	96	35.?	1956	49.1	9.5	22	-5.6	1955
28	?.?	16.4	72.8	22.?	9	32.2	1971	51.2	10.1	30	-1.1	1955
29	?0.7	15.9	71.2	21.	9?	32.2	1967	50.5	10.3	?0	-1.1	1975
30	60.?	16.0	71.3	21.?	93	33.?	1974	50.3	10.2	2?	-2.2	1975
31	?.6	17.6	74.6	23.7	100	37.8	1974	53.?	11.7	37	2.8	1954
Monthly	?.?	13.9	67.7	19.8	100	37.8	1974	46.3	7.9	1?	-11.1	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	DALLAS, TX	1945-1982	APRIL
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	[illegible]	17.5	74.2	23.4	87	30.6	1974*	52.7	11.5	36	2.2	1954
2	[illegible]	18.1	76.4	24.7	88	31.1	1962	57.7	11.5	34	1.1	1962
3	[illegible]	17.8	74.6	23.7	9[illegible]	32.2	1950	53.4	11.9	32	.0	1975
4	[illegible]	16.5	72.1	22.3	8[illegible]	31.7	1978	51.2	10.7	3[illegible]	-.3	1945
5	[illegible]	16.4	72.2	22.3	9[illegible]	32.2	1967	5[illegible].7	10.4	35	1.7	195[illegible]
6	[illegible]	17.8	76.3	24.6	95	35.0	1946	51.8	11.[illegible]	37	2.8	195[illegible]
7	[illegible]	18.8	77.2	25.1	91	32.8	1980	54.6	12.6	3[illegible]	-1.1	1971
8	[illegible]	18.3	74.9	23.8	87	30.6	1967*	54.9	12.7	37	2.8	1973
9	[illegible]	17.9	74.8	23.8	99	37.2	1963	53.8	12.1	33	.6	1973
10	[illegible]	18.2	74.8	23.8	100	37.8	1963	54.7	12.6	30	-1.1	1973
11	[illegible]	18.2	75.5	24.2	98	36.7	1948	53.9	12.2	3[illegible]	3.3	1982
12	[illegible]	17.9	75.2	24.[illegible]	93	33.9	1972	53.1	11.7	[illegible]3	.6	1959
13	[illegible]	17.3	73.5	23.1	91	32.8	1974*	53.[illegible]	11.7	32	.0	1957
14	[illegible]	18.6	76.1	24.5	89	31.[illegible]	1951	54.7	12.6	36	2.2	1980
15	[illegible]	18.2	75.7	24.3	89	31.7	1967	53.8	12.1	41	5.[illegible]	1980*
16	[illegible]	18.4	75.4	24.1	90	32.2	1967	54.9	12.7	39	3.9	1953
17	[illegible]	19.3	76.7	24.8	86	30.0	1963*	56.4	13.8	37	2.8	1947
18	[illegible]	19.8	77.7	25.4	88	31.1	1951	57.6	14.2	39	3.9	1959
19	[illegible]	20.6	7[illegible].2	26.2	91	32.8	1972	59.8	14.9	34	1.1	1953
20	[illegible]	19.9	77.7	25.4	90	32.2	1963	57.9	14.4	37	2.8	1953
21	[illegible]	20.0	77.6	25.3	97	36.1	1955	58.3	14.6	42	5.6	1966
22	[illegible]	20.8	78.6	25.9	93	33.9	19[illegible]3	60.4	15.8	42	5.6	1959
23	[illegible]	21.1	79.2	26.2	9[illegible]	32.2	1958	60.[illegible]	15.8	44	6.7	1951
24	[illegible]	20.[illegible]	78.8	26.[illegible]	88	31.1	1975	58.9	14.9	[illegible]	3.3	1968
25	[illegible]	20.2	78.2	25.7	88	31.1	1954*	58.6	14.8	45	7.2	1968
26	67.8	19.9	77.3	25.2	88	31.1	1955	58.3	14.6	46	7.8	1945
27	[illegible]	20.6	78.4	25.9	88	31.1	1948	59.8	15.4	44	6.7	198[illegible]
28	[illegible]	20.6	78.3	25.7	92	33.3	1948	60.1	15.6	44	6.7	198[illegible]
29	[illegible]	20.9	79.0	26.1	91	32.8	1981	60.3	15.7	41	5.[illegible]	1965
30	[illegible]	20.9	79.0	26.1	94	34.4	1981	60.3	15.7	46	7.8	1965
31												
Monthly	[illegible]	19.[illegible]	76.5	24.7	100	37.8	1963	56.[illegible]	13.3	[illegible]0	-1.1	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, T[illegible]	1945-1982	MAY

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]	20.6	78.7	25.9	92	33.3	1978	59.7	15.1	44	6.7	196[illegible]
2	[illegible]	20.7	79.6	26.4	90	32.2	1974	58.8	14.9	45	7.2	1967
3	[illegible]	21.2	79.8	26.[illegible]	90	32.2	1978*	60.4	15.8	41	5.[illegible]	1954
4	[illegible]	21.2	[illegible]0.0	26.7	98	36.7	1947	60.3	15.7	39	3.9	1954
5	[illegible]	21.4	[illegible].2	26.8	93	33.9	1947	61.0	16.1	46	7.8	1957
6	[illegible]1.7	22.1	[illegible]1.2	27.3	94	34.4	1967*	62.2	16.8	[illegible]0	10.0	1957*
7	[illegible]1.4	21.9	[illegible]1.2	27.3	93	33.9	1955	61.6	16.4	47	8.3	1948
8	[illegible]2.2	22.3	[illegible]2.2	27.9	92	33.3	1952	62.1	16.7	52	11.1	1982*
9	[illegible]2.2	22.9	[illegible]2.8	28.2	98	36.7	1952	63.7	17.6	45	7.2	1969*
10	[illegible]2.3	22.4	1.4	27.4	96	35.6	1967	63.3	17.4	52	11.1	1981
11	[illegible]1.2	21.8	[illegible]0.3	26.8	100	37.8	1967	62.2	16.[illegible]	43	6.1	1981
12	[illegible]1.[illegible]	21.8	[illegible]1.5	27.5	98	36.7	1979	61.2	16.2	45	7.2	1979*
13	[illegible]2.1	22.3	[illegible]2.6	28.1	94	34.4	1956*	61.7	16.5	45	7.2	1971
14	[illegible]2.7	22.6	82.9	28.3	96	35.6	1955	62.4	16.[illegible]	44	6.7	1971
15	[illegible]2.[illegible]	22.7	82.5	28.1	94	34.4	1978	63.3	17.4	4[illegible]	9.9	1975
16	[illegible]2.[illegible]	22.8	82.7	28.2	93	33.9	1948	63.4	17.4	45	9.9	194[illegible]
17	[illegible]3.4	23.6	[illegible]4.6	29.2	94	34.4	1966*	64.1	17.8	46	7.8	194[illegible]
18	[illegible]4.[illegible]	24.0	[illegible]5.0	29.4	96	35.6	1956	65.3	18.5	49	9.4	1968
19	[illegible]5.6	24.2	[illegible]5.2	29.6	96	35.6	1973*	65.9	18.8	55	12.8	1971*
20	[illegible]4.4	23.6	[illegible]4.0	28.9	94	34.4	1956	64.7	18.2	52	11.1	1981
21	[illegible]5.1	23.9	[illegible]5.2	29.6	96	35.6	1973	64.9	18.3	52	11.1	1947
22	[illegible]6.4	24.7	85.8	29.9	95	35.0	1948	67.0	19.4	51	10.6	1945
23	[illegible]6.0	24.4	85.7	29.8	96	35.6	1962	66.2	19.0	53	11.7	1945
24	[illegible]6.7	24.8	[illegible]5.9	29.9	94	34.4	1962*	67.6	19.8	61	16.1	1979*
25	[illegible]6.8	24.9	[illegible]7.0	30.6	95	35.[illegible]	1980	66.6	19.2	53	11.7	197[illegible]
26	[illegible]7.1	25.1	[illegible]7.2	30.7	97	36.1	198[illegible]	66.9	19.4	55	12.8	1947
27	[illegible]7.[illegible]	25.1	[illegible]7.2	30.7	100	37.8	1958	67.1	19.5	51	1[illegible].6	1961
28	[illegible]7.5	25.3	[illegible]7.4	30.8	96	35.6	1951	67.6	19.8	57	13.9	1968
29	[illegible]7.1	25.1	[illegible]7.5	30.8	97	36.1	1951	66.8	19.3	49	9.4	1947
30	[illegible]8.[illegible]	25.7	[illegible]8.3	31.3	96	35.6	1958*	69.2	20.1	46	7.8	1947
31	[illegible]8.[illegible]	25.6	[illegible]7.7	30.9	96	35.6	1971	68.3	20.2	55	13.3	1975
Monthly	[illegible]3.8	23.2	[illegible]3.7	28.7	100	37.8	1967*	64.9	17.8	39	3.9	1954

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

301	DALLAS, TX	1945-1982	JUNE
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	77.5	25.3	97.5	36.3	97	36.1	1953*	67.6	19.8	54	12.2	1964
2	77.0	25.1	97.4	36.3	100	37.8	1977	67.0	19.4	56	13.3	1969*
3	76.8	24.9	96.4	35.8	100	37.8	1960	67.2	19.6	53	11.7	1946
4	77.4	25.8	98.3	36.8	99	37.2	1977*	68.4	20.2	54	12.2	1954
5	78.9	26.1	98.5	36.9	104	40.0	1948	69.3	20.8	54	12.2	1970
6	80.5	26.9	99.2	37.3	102	38.9	1948	69.8	21.0	55	12.8	1970
7	81.5	27.6	99.4	37.4	98	36.7	1948	71.7	22.1	60	15.6	1970
8	82.1	27.8	99.2	37.4	101	38.3	1956	72.1	22.2	64	17.8	1977*
9	81.4	27.4	99.0	37.4	99	37.2	1977	72.1	22.3	60	15.6	1955
10	81.9	27.7	99.9	37.3	98	36.7	1963*	71.9	22.2	58	14.4	1955
11	81.7	27.6	100.8	38.2	101	38.3	1953	71.8	22.1	56	13.3	1955
12	81.2	27.3	101.3	38.2	102	38.9	1953	71.1	21.7	59	15.0	1979
13	81.6	27.6	99.9	37.3	101	38.3	1953	72.1	22.3	63	17.2	1970
14	82.6	28.1	99.7	37.7	105	40.6	1973	72.4	22.4	58	14.2	1947
15	82.4	28.0	99.4	37.5	102	38.9	1960	72.4	22.4	57	13.9	1947
16	81.7	27.5	99.4	37.4	99	37.2	1948	71.7	22.1	61	16.1	1961
17	81.9	27.7	99.6	37.6	100	37.8	1952	72.2	22.3	60	15.6	1961
18	82.3	28.1	99.3	37.5	101	38.3	1953*	72.8	22.7	61	15.6	1945
19	83.2	28.4	99.5	37.5	101	38.3	1959*	73.1	22.8	62	16.7	1973
20	83.1	28.4	99.2	37.3	103	39.4	1972*	73.1	22.8	61	16.1	1976*
21	82.9	28.3	99.1	37.3	105	40.0	1953	72.8	22.7	63	17.2	1976*
22	83.1	28.6	99.1	37.3	103	39.4	1953	73.9	23.3	62	17.2	1961
23	83.7	28.7	99.6	37.6	103	39.4	1980	73.9	23.3	64	17.8	1973
24	83.3	28.5	99.7	37.7	104	40.0	1980	73.9	23.3	64	17.8	1973
25	83.3	28.5	99.2	37.3	109	42.7	1980	73.3	22.9	60	15.6	1974
26	83.5	28.5	99.1	37.3	112	44.4	1980	73.6	23.1	59	14.4	1958
27	84.3	29.0	99.1	37.3	111	43.9	1980	74.4	23.6	59	15.0	1956
28	84.6	29.2	99.5	37.7	110	43.3	1980	74.7	23.7	56	13.3	1946
29	84.7	29.3	99.5	37.7	106	41.1	1980	74.9	23.8	64	17.8	1948
30	85.1	29.5	99.9	37.7	105	40.6	1980	75.4	24.1	66	18.9	1955
31												
Monthly	81.9	27.7	99.8	37.7	112	44.4	1980	72.0	22.2	53	11.7	1946

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	1945-1972	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]	29.3	[illegible]	34.9	108	42.2	1980	74.8	23.8	67	19.4	1968
2	[illegible]	29.6	95.4	35.2	109	42.2	1980	75.2	24.0	68	20.0	1945
3	[illegible]	29.7	95.4	35.2	106	41.1	1980	75.5	24.2	68	20.0	1968
4	[illegible]	29.6	95.2	35.1	104	40.0	1979	75.4	24.1	67	19.4	1968
5	[illegible]	29.5	95.1	35.1	103	39.4	1978*	75.0	23.9	67	19.4	1968
6	[illegible]	29.6	95.2	35.1	103	39.4	1954	75.4	24.1	62	16.7	1972
7	[illegible]	29.7	95.8	35.4	104	40.0	1970	75.3	24.1	64	17.8	1968
8	[illegible]	29.9	95.9	35.5	107	41.7	1956	75.7	24.3	67	19.4	1952
9	[illegible]	30.3	[illegible]	36.[illegible]	106	41.1	1978*	76.3	24.6	[illegible]	[illegible]	1952
10	[illegible]	30.1	[illegible]	[illegible]	[illegible]	[illegible]	1978*	76.2	24.6	65	18.3	1952
11	[illegible]	30.1	96.6	35.9	107	41.7	1954	75.8	24.3	[illegible]	21.1	1945
12	[illegible]	30.3	96.7	35.9	109	42.8	1954	76.2	24.6	66	18.9	1953
13	[illegible]	30.1	96.3	35.7	105	40.6	1978*	76.1	24.5	65	18.3	1953
14	[illegible]	30.1	96.3	35.7	105	40.6	1978	76.0	24.4	67	19.4	1953
15	[illegible]	30.1	96.1	35.6	111	43.9	1978	76.0	24.4	63	17.2	1967
16	[illegible]	30.0	95.8	35.4	107	41.7	1980*	76.2	24.6	67	19.4	1967
17	[illegible]	29.9	95.9	35.5	109	42.8	1954	75.8	24.3	68	20.0	1961
18	[illegible]	30.3	96.6	35.9	111	43.3	1980	76.4	24.7	66	18.9	1945
19	[illegible]	30.0	95.9	35.5	104	40.0	1970	76.1	24.5	69	20.6	1945
20	[illegible]	29.9	95.8	35.4	104	40.0	1974	76.1	24.5	63	17.2	1947
21	[illegible]	30.1	96.1	35.6	107	41.7	1974	76.[illegible]	24.4	67	19.4	197[illegible]
22	[illegible]	30.3	96.9	36.1	107	41.7	1974	76.1	24.5	66	18.9	197[illegible]
23	[illegible]	30.1	96.6	36.[illegible]	108	42.2	1974	75.7	24.3	64	17.8	197[illegible]
24	[illegible]	30.6	97.3	36.3	108	42.2	1954	76.8	24.9	67	19.4	1947
25	[illegible]	30.5	97.3	36.3	111	43.[illegible]	19[illegible]	76.6	24.8	63	17.2	1972
26	[illegible]	30.2	96.4	35.8	106	41.1	1964	76.[illegible]	24.7	70	21.1	1962
27	[illegible]	30.3	97.0	36.1	103	39.4	1967*	76.1	24.5	70	21.1	1971
28	[illegible]	30.6	97.6	36.4	103	39.4	1978*	76.5	24.7	70	21.1	1971
29	[illegible]	30.7	98.1	36.7	102	[illegible].6	1974	76.3	24.6	7[illegible]	21.1	1971
30	[illegible]	30.2	96.8	36.[illegible]	108	42.2	1957	76.5	24.7	62	16.7	1971
31	[illegible]	30.5	97.0	36.1	107	41.7	1967	76.8	24.9	58	14.4	1971
Monthly	[illegible]	[illegible]	[illegible]	35.7	111	43.[illegible]	1978*	76.0	24.4	58	14.4	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	DALLAS, TX	1945-1982	AUGUST
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	30.1	[illegible]	35.8	103	39.4	1980	75.7	24.3	64	17.8	1971
2	[illegible]	29.7	95.7	35.4	104	40.0	1970*	75.3	24.1	66	18.9	1973*
3	[illegible]	30.1	[illegible]	35.9	103	39.4	1967*	75.5	24.2	64	17.8	1973
4	[illegible]	30.3	[illegible]	35.9	103	40.6	1951	76.9	24.6	67	19.4	1974*
5	[illegible]	30.3	97.0	36.1	108	42.2	1964	76.2	24.6	63	17.2	1948
6	[illegible]	30.7	98.1	36.7	107	41.7	1956*	76.4	24.7	65	18.3	1975*
7	[illegible]	30.9	98.3	36.8	108	42.2	1953	76.9	24.9	66	18.9	1957
8	[illegible]	30.9	[illegible]	36.8	106	41.1	1970*	77.0	25.0	70	21.1	1971
9	[illegible]	30.7	98.4	36.9	107	41.7	1947	76.3	24.6	66	18.9	1953
10	6.9	30.5	[illegible]	36.6	108	42.2	1947	75.9	24.4	67	19.4	1959
11	[illegible]	30.2	[illegible]	36.0	109	42.8	1960	75.8	24.3	67	19.4	195[illegible]
12	[illegible]	29.8	[illegible]	35.7	105	40.6	1948	75.2	24.0	63	17.2	1979
13	[illegible]	30.3	[illegible]	36.3	107	41.7	1969	75.8	24.3	66	18.9	1957
14	[illegible]	30.7	97.8	36.6	106	41.1	1956*	76.9	24.9	67	19.4	1955
15	[illegible]	30.3	[illegible]	35.9	106	41.1	1951	76.5	24.7	64	17.8	1955
16	[illegible]	30.4	[illegible]	36.3	107	41.7	1956*	76.3	24.6	68	20.0	1955
17	[illegible]	30.1	[illegible]	35.8	107	41.7	1951	75.8	24.3	68	20.0	1948
18	[illegible]	29.7	95.7	35.4	106	41.1	1951	75.3	24.1	69	20.6	1967
19	[illegible]	29.7	96.0	35.6	105	40.6	1949*	74.9	23.8	65	18.3	195[illegible]
20	[illegible]	29.6	[illegible]	35.4	105	40.6	1948	74.8	23.8	67	19.4	1981*
21	[illegible]	29.3	95.9	35.5	106	41.1	1948	73.8	23.2	63	17.2	195[illegible]
22	[illegible]	28.9	[illegible]	35.1	105	40.6	1980	73.1	22.8	63	17.2	1956*
23	[illegible]	29.1	[illegible]	35.2	107	41.7	1980	73.8	23.0	63	17.2	1949
24	[illegible]	28.9	[illegible]	34.8	104	40.0	1980*	73.3	22.9	62	16.7	1966
25	[illegible]	28.8	[illegible]	34.7	104	40.0	1952	73.5	23.1	64	17.8	1966*
26	[illegible]	28.9	[illegible]	34.6	102	38.9	1963*	74.[illegible]	23.3	62	16.7	1966
27	[illegible]	29.1	[illegible]	34.8	104	40.0	1963	74.1	23.4	66	18.9	1949
28	[illegible]	28.8	[illegible]	34.3	102	38.9	1951	74.1	23.4	67	19.4	1961
29	[illegible]	28.7	[illegible]	34.1	105	40.6	1967	73.8	23.2	64	17.8	1969
30	[illegible]	28.7	[illegible]	34.6	108	42.2	1967	73.2	22.9	65	18.3	1946
31	[illegible]	28.4	[illegible]	33.9	104	40.0	1951	73.0	23.0	63	17.2	195[illegible]
Monthly	[illegible]	29.8	96.1	35.6	109	42.8	1964	75.1	23.9	62	16.7	1966*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

901	DALLAS, T	1945-1982	PT MRCH
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	2	28.1	92.5	33.6	104	40.0	1951	72.7	22.6	63	17.2	1955
2	2	28.2	92.6	33.8	105	40.6	1951	72.7	22.6	61	16.6	1974
3	2	28.2	93.2	34.0	104	40.0	1951	72.3	22.4	57	13.9	1974
4	2	28.1	92.9	33.8	102	38.9	1978	72.0	22.2	51	10.6	1974
5	1	27.5	91.7	33.2	101	38.3	1947	71.4	21.9	53	11.7	1974
6	1	27.7	92.1	33.4	102	38.9	1963*	71.5	21.9	51	10.6	1974
7	1	27.6	91.8	33.2	103	39.4	1963	71.6	22.0	56	13.3	1974
8	1	27.2	91.0	32.8	99	37.2	1972	70.9	21.6	60	15.6	1974
9	80.2	26.9	90.4	32.4	102	38.9	1954	70.0	21.1	57	13.9	1956
10	79	26.4	89.4	31.9	99	37.2	1987	69.7	20.9	57	13.9	1968
11	79.8	26.6	90.6	32.6	100	37.8	1963	69.1	20.6	52	11.1	1963
12	79	26.2	89.7	32.1	100	37.8	1965	68.8	20.4	55	12.8	1959
13	78	25.6	88.5	31.4	102	38.9	1965	67.4	19.7	57	13.9	1974
14	78.7	25.9	88.9	31.6	103	39.4	1965	68.4	20.2	51	10.6	1945
15	78	25.6	88.4	31.3	101	38.3	1981	67.9	19.9	51	10.6	1945
16	78	25.7	88.3	31.3	102	38.9	1987	68.3	20.2	57	13.9	1973
17	77.9	25.3	87.8	31.	98	36.7	1982	67.5	19.7	63	11.7	1981
18	78.3	25.7	88.2	31.2	99	37.2	1987*	68.4	20.2	48	8.4	1981
19	78	26.1	89.1	31.7	103	39.4	1956	68.8	20.4	47	8.3	1981
20	79.1	26.2	89.1	31.7	102	38.9	1953	69.2	20.7	47	8.3	1971
21	77.5	25.3	87.2	30.7	99	37.2	1956	67.8	19.9	56	13.3	1982
22	75.2	24.4	85.5	29.7	99	37.2	1980	66.3	19.1	51	10.6	1982
23	75.4	24.1	85.7	29.8	97	36.1	1948	65.1	18.4	48	8.4	1975
24	75.1	23.9	84.8	29.3	98	36.7	1977	65.4	18.6	51	10.6	1975*
25	76.2	24.5	85.1	29.5	99	37.2	1977	65.3	18.5	49	9.4	1975
26	74.9	23.8	85.4	29.7	100	37.8	1977	64.3	17.9	51	10.6	1975
27	74.5	23.6	85.2	29.6	104	40.0	1977	63.8	17.7	49	9.4	1948
28	73.8	23.2	84.8	29.3	104	40.0	1953	62.8	17.1	46	7.8	1967
29	74.1	23.3	85.4	29.7	101	38.3	1953	62.6	17.0	45	7.2	1974
30	73.2	22.9	85.0	29.4	98	36.7	1977*	61.3	16.3	45	7.2	1972
31												
Monthly	77.4	25.8	88.7	31.5	107	40.6	1951	68.1	20.1	45	7.2	1974*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

3991	DALLAS, T.	1945-1982	OCTOBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	22.6	[illegible]	29.4	[illegible]	38.3	1979	61.[illegible]	16.1	46	7.8	1972
2	[illegible]	23.2	[illegible]	29.8	96	35.6	1982	62.[illegible]	16.7	47	8.3	1975
3	[illegible]	22.9	[illegible]	28.7	98	36.7	1951	62.9	17.2	47	8.3	1981
4	[illegible]	22.8	[illegible]	28.3	96	35.6	1982*	63.3	17.4	45	7.2	1975
5	[illegible]	22.4	[illegible]	27.[illegible]	98	36.7	1963	62.6	17.0	47	8.3	1975
6	[illegible]	22.1	[illegible]	28.1	96	35.6	1956	61.1	16.2	47	8.3	1964
7	[illegible]	21.4	[illegible]	27.4	96	35.6	1979*	59.7	15.4	44	6.7	1952
8	[illegible]	21.1	[illegible]	27.6	97	36.1	1963	58.5	14.7	36	2.2	1952
9	[illegible]	21.2	[illegible]	27.8	95	35.[illegible]	1963	58.1	14.5	41	5.0	1952
10	[illegible]	21.3	[illegible]	27.4	94	34.4	1975*	59.4	15.2	43	6.1	1972
11	[illegible]	22.1	[illegible]	28.2	97	36.1	1979	61.[illegible]	16.1	48	8.9	1952
12	[illegible]	21.9	[illegible]	28.3	95	35.[illegible]	1979*	60.1	15.6	38	3.3	1977
13	[illegible]	21.[illegible]	[illegible]	27.[illegible]	95	35.0	1954	60.1	15.6	42	5.6	1969
14	[illegible]	20.9	[illegible]	27.2	92	33.3	1972	58.5	14.7	38	3.3	1969
15	[illegible]	20.5	[illegible]	26.[illegible]	91	32.[illegible]	1962*	59.1	15.1	46	7.8	1974
16	[illegible]	19.8	[illegible]	26.1	93	33.[illegible]	1972	56.2	13.4	37	2.8	1952
17	[illegible]	19.8	[illegible]	25.9	96	35.6	1972	56.4	13.6	40	4.4	1967
18	[illegible]	19.6	[illegible]	26.1	93	33.[illegible]	1972	55.7	13.2	32	.0	1948
19	[illegible]	18.9	[illegible]	25.4	91	32.[illegible]	1978*	54.2	12.3	41	5.0	1976
20	[illegible]	19.3	[illegible]	26.0	92	33.3	1978*	54.6	12.6	36	2.2	1976*
21	[illegible]	18.4	[illegible]	25.8	91	32.[illegible]	1979	55.7	13.2	41	5.[illegible]	1976
22	[illegible]	19.3	[illegible]	25.2	87	30.[illegible]	1951	55.[illegible]	13.3	40	4.4	1952
23	[illegible]	18.6	[illegible]	24.4	87	30.6	1955	54.8	12.7	35	1.3	1952
24	[illegible]	17.3	[illegible]	23.3	88	31.[illegible]	1947	52.5	11.4	40	4.4	1952
25	[illegible]	17.1	[illegible]	23.4	90	32.2	1950	51.5	10.8	37	2.8	1955
26	[illegible]	17.4	[illegible]	23.8	90	32.[illegible]	1977*	51.8	11.0	37	2.8	1957
27	[illegible]	16.9	[illegible]	23.1	87	30.5	1963*	51.5	10.8	31	-.6	1957
28	[illegible]	16.9	[illegible]	22.6	89	31.[illegible]	195[illegible]	52.2	11.2	34	1.1	1957
29	[illegible]	17.5	[illegible]	23.3	90	32.[illegible]	1977	53.2	11.8	36	2.2	1952
30	[illegible]	18.4	[illegible]	24.5	91	32.[illegible]	1951	54.3	12.4	31	-.6	194[illegible]
31	[illegible]	17.8	[illegible]	23.5	90	32.[illegible]	1977	54.[illegible]	12.2	35	1.9	1976
Monthly	[illegible]	20.1	[illegible]	26.2	101	38.3	1979	57.3	14.0	31	-.6	199[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	DALLAS, TX	1945-1982	NOVEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	17.3	73.5	23.1	87	[illegible]	1955	52.7	11.5	[illegible]	[illegible]	[illegible]
2	[illegible]	15.6	70.6	21.4	87	30.6	1978*	49.6	9.8	[illegible]	-1.1	[illegible]
3	57.[illegible]	13.9	67.3	19.6	89	31.7	1948	46.9	8.2	[illegible]	-2.2	1951
4	[illegible]	14.5	69.1	20.6	90	32.2	1948	47.2	8.4	[illegible]	-.6	1967
5	[illegible]	14.8	69.6	20.9	85	29.4	1963	47.8	8.8	[illegible]	[illegible]	[illegible]
6	[illegible]	14.8	69.5	20.8	85	29.4	1980	47.9	8.8	[illegible]	-2.2	1959
7	[illegible]	14.8	69.6	[illegible]	87	30.6	1980*	47.6	8.7	[illegible]	-.6	[illegible]
8	[illegible]	14.5	68.9	[illegible]	86	[illegible]	1980	47.3	8.5	[illegible]	-.6	1968
9	57.1	13.9	68.3	[illegible]	[illegible]	32.2	1983	45.9	7.7	[illegible]	-1.1	1955
10	[illegible]	13.9	[illegible]	[illegible]	85	29.4	1978	45.9	7.7	[illegible]	-3.9	[illegible]
11	[illegible]	14.8	70.4	21.3	82	27.8	1975*	46.9	8.3	[illegible]	-7.8	[illegible]
12	[illegible]	14.9	[illegible]	21.1	85	29.4	1951	47.6	8.7	[illegible]	-2.8	1966
13	[illegible]	14.9	69.7	20.9	87	30.6	1951	48.[illegible]	8.9	[illegible]	-1.1	1982*
14	[illegible]	14.7	67.9	19.9	85	29.4	1955	48.8	9.3	[illegible]	-2.8	1969
15	[illegible]	14.6	68.7	20.4	85	29.4	1965*	47.9	8.8	[illegible]	-3.9	1959
16	[illegible]	14.1	[illegible]	[illegible]	83	[illegible]	1952	46.6	8.1	[illegible]	-2.8	[illegible]
17	5.1	12.8	64.9	18.3	83	[illegible]	1952	45.3	7.4	[illegible]	-6.7	[illegible]
18	54.[illegible]	12.7	64.6	18.1	85	29.4	1973	[illegible]	7.3	[illegible]	-5.6	1951
19	5.5	13.1	66.1	18.9	87	[illegible]	1950	44.9	7.2	[illegible]	-3.9	[illegible]
20	[illegible]	12.6	65.9	18.8	85	29.4	1977	43.5	6.4	[illegible]	-3.[illegible]	[illegible]
21	[illegible]	12.3	65.1	18.4	85	29.4	1967	43.3	6.3	[illegible]	-1.[illegible]	[illegible]
22	[illegible]	12.3	64.3	17.9	85	29.4	1953	44.1	6.7	[illegible]	-2.2	1976
23	[illegible]	12.3	64.8	18.2	85	29.4	1967	43.6	6.4	[illegible]	-5.[illegible]	[illegible]
24	52.[illegible]	11.6	62.4	16.9	88	31.1	1965	43.4	6.3	[illegible]	-5.6	[illegible]
25	56.[illegible]	13.5	68.2	20.1	86	30.0	1965	44.4	6.9	[illegible]	-3.9	[illegible]
26	[illegible]	12.[illegible]	65.8	18.8	[illegible]	29.4	1965	43.5	6.4	[illegible]	-2.[illegible]	[illegible]
27	1.[illegible]	10.6	61.8	16.6	81	27.[illegible]	1964	40.[illegible]	4.6	[illegible]	-2.[illegible]	[illegible]
28	[illegible]	9.4	5[illegible].7	14.8	83	28.3	1949	39.4	4.1	[illegible]	-5.0	[illegible]
29	[illegible]	9.1	48.0	15.6	81	[illegible]	1949	36.[illegible]	2.7	[illegible]	-[illegible].9	[illegible]
30	[illegible]	10.2	61.6	16.4	82	[illegible]	[illegible]	39.[illegible]	4.[illegible]	[illegible]	-6.1	[illegible]
31												
Monthly	[illegible]	13.4	66.8	19.3	[illegible]	[illegible]	[illegible]	46.4	7.4	16	-[illegible].9	[illegible]

*ALSO [illegible] EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

301	DALLAS, TX	1945-1982	DEC 82
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]	12.	[illegible]	18.1	82	27.8	1979	42.6	5.9	[illegible]	-3.3	1979
2	[illegible]	11.7	[illegible]	19.	8[illegible]	26.7	1978	41.9	5.5	[illegible]	-2.[illegible]	1976
3	2[illegible]	11.3	64.6	18.1	85	29.4	1977	4[illegible]	4.6	26	-3.3	1967
4	[illegible]	11.6	63.8	17.7	8[illegible]	29.4	1977	42.	[illegible].6	[illegible]	-[illegible].3	1945
5	[illegible].4	11.9	64.3	17.9	8[illegible]	26.7	1956	42.5	5.8	1[illegible]	-7.8	19[illegible]
6	[illegible]	10.3	60.4	15.8	84	28.9	1966	4[illegible]	4.9	13	-1[illegible].6	19[illegible]
7	[illegible].3	9.6	[illegible].5	15.3	80	26.7	1966	39.1	3.9	12	-11.1	19[illegible]
8	[illegible]	9.5	59.2	15.1	82	27.8	1977	38.9	3.9	24	-4.4	1972
9	46.	8.2	55.5	13.1	77	25.[illegible]	1970	3[illegible].1	3.4	20	-6.7	1974
10	46.[illegible]	8.3	55.6	13.1	76	24.4	1975	3[illegible].2	3.4	20	-6.7	1976
11	4[illegible].7	8.7	57.9	14.4	7[illegible]	26.1	1949	37.5	[illegible].1	22	-5.6	1957
12	4[illegible].5	8.1	57.[illegible]	13.9	87	3[illegible].6	1973	36.1	2.3	1[illegible]	-7.2	1962
13	4[illegible].5	7.5	55.3	12.9	8[illegible]	26.[illegible]	1948	35.7	2.1	1[illegible]	-7.2	1961
14	[illegible].3	8.5	56.9	13.8	77	25.[illegible]	1975	37.6	[illegible].1	16	-8.9	1959
15	[illegible]	8.3	57.6	14.2	75	24.4	1948	36.3	2.4	1[illegible]	-7.2	1951
16	[illegible]	8.7	[illegible].4	14.7	84	28.9	1977	36.7	2.6	15	-9.4	1972
17	[illegible]	8.9	[illegible].8	14.9	75	23.9	1946	37.1	2.8	1[illegible]	-7.8	1979
18	[illegible].7	9.3	[illegible].3	15.2	81	27.2	1977	38.1	3.4	16	-8.9	1964
19	[illegible].4	9.1	[illegible]	15.[illegible]	7[illegible]	27.[illegible]	197[illegible]	37.7	[illegible].2	17	-8.3	1945
20	[illegible].3	[illegible].1	59.1	15.1	77	25.[illegible]	1978	37.6	[illegible].1	[illegible]	-5.6	1973
21	[illegible]7.	8.8	59.9	15.5	8[illegible]	26.7	1981	35.9	2.2	1[illegible]	-7.8	1951
22	[illegible].[illegible]	9.3	60.2	15.[illegible]	8[illegible]	26.7	197[illegible]	37.2	2.9	17	-8.[illegible]	1963
23	[illegible].[illegible]	9.4	59.0	15.0	79	26.1	1974	38.9	[illegible].4	11	-11.7	1943
24	[illegible].6	8.6	[illegible].6	14.8	77	25.[illegible]	1977	36.[illegible]	2.3	1[illegible]	-7.8	19[illegible]
25	46.	8.3	[illegible].2	14.6	73	22.[illegible]	1971	35.6	2.[illegible]	[illegible]	-4.4	1961
26	46.[illegible]	8.3	57.9	14.4	74	23.3	1971	35.9	2.2	22	-5.6	197[illegible]
27	47.[illegible]	9.2	59.1	15.1	80	26.7	1946	38.1	3.4	24	-4.4	1964
28	46.[illegible]	8.3	56.4	13.6	79	26.[illegible]	1973	37.5	[illegible].1	25	-3.9	1966
29	46.[illegible]	8.3	56.4	13.6	73	25.6	1964	37.5	[illegible].1	15	-7.8	1946
30	45.1	7.8	55.4	13.[illegible]	84	28.9	1951	36.9	2.7	1[illegible]	-7.8	1946
31	44.5	6.9	53.6	12.[illegible]	8[illegible]	26.[illegible]	1951	35.4	1.9	1[illegible]	-10.6	1976
Monthly	[illegible].5	9.2	58.9	14.9	87	3[illegible].6	1973	38.1	3.4	11	-11.7	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERAT[illegible]
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	[illegible]LAS, T[illegible]	[illegible]

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	77	[illegible]		[illegible]	[illegible]	97	[illegible]	104	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	[illegible]	[illegible]	[illegible]	
		[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	99	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	104	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	89	[illegible]	102	[illegible]	[illegible]	103	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	71	[illegible]
[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	102	101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	95	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	74	[illegible]	91	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible]LAS, T[illegible] STATION NAME | [illegible] YEARS

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	1	7	[illegible]	3[illegible]		[illegible]	[illegible]1	1[illegible]	101	[illegible]4	[illegible]7	[illegible]	
[illegible]	[illegible]	[illegible]4	[illegible]6	8[illegible]	[illegible]0	[illegible]6		10[illegible]	[illegible]	[illegible]4	[illegible]	[illegible]5	
[illegible]7	[illegible]7	[illegible]	[illegible]	[illegible]5	[illegible]5	1[illegible]1	[illegible]	1[illegible]	1[illegible]4	[illegible]6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]7	[illegible]	[illegible]3	[illegible]1	[illegible]8	[illegible]2	111	1[illegible]2	[illegible]2	[illegible]	[illegible]7	[illegible]6	111
[illegible]	71	[illegible]7	[illegible]3	[illegible]5	[illegible]5	1[illegible]	1[illegible]2	[illegible]7	[illegible]9	10[illegible]	[illegible]	[illegible]	1[illegible]
	[illegible]2	[illegible]0	[illegible]8	[illegible]1	[illegible]7	112	11[illegible]	1[illegible]7	[illegible]2	[illegible]1	[illegible]		
1	[illegible]7	[illegible]1	[illegible]4	[illegible]4	[illegible]	[illegible]6	1[illegible]	1[illegible]	[illegible]	[illegible]4	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]7	[illegible]7	[illegible]4	[illegible]8	[illegible]4	[illegible]5	[illegible]1	1[illegible]	1[illegible]	[illegible]6	[illegible]4	[illegible]9	1
MEAN	[illegible]7.[illegible]	7[illegible].8	[illegible].4	[illegible]0.3	[illegible]4.5	[illegible]9.[illegible]	1[illegible].[illegible]	1[illegible].[illegible]	[illegible]3.[illegible]	[illegible]2.[illegible]	[illegible]2.1	[illegible]7.6	[illegible].[illegible]
S.D.	[illegible].5 6	[illegible].5[illegible]6	5.0[illegible]7	4.31	2.[illegible]5	3.[illegible]3	[illegible].[illegible]26	[illegible].[illegible]7	3.223	[illegible].[illegible]06	[illegible].[illegible]37	4.21[illegible]	3.[illegible]
TOTAL OBS.	111	1[illegible]1[illegible]	111[illegible]	111[illegible]	11[illegible]	11[illegible]	1147	1175	11[illegible]	1173	11[illegible]	111[illegible]	1[illegible]4

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | DALLAS, TX STATION NAME | [illegible] YEARS

(IN 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]										MAY [illegible] DAYS
[illegible]		[illegible]											MAY [illegible] DAYS
[illegible]	7[illegible]		7[illegible] 3[illegible]	8[illegible] [illegible]									MAY [illegible] DAYS
[illegible]											[illegible]		MAY [illegible] DAYS
[illegible]					[illegible]								MAY [illegible] DAYS
[illegible]												[illegible] 1[illegible]	MAY [illegible] DAYS

MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

IN DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
				36	46	40	46	6[illegible]	51	37	27	17	
	28	28		43		53		[illegible]	56	[illegible]	32	18	
	7	21	22	37	46	54	63	60	51	30	32	25	7
	14				47	5[illegible]	68	63	49	32	25	24	
			32		50	66	70	63	48	40	33	26	
	19	3	25	35	56	41	67	61	57	47	28	17	1
	14	[illegible]	28	39	53	62	69	71	[illegible]	42	22	18	[illegible]
	26	3[illegible]	30	35	46	67	63	72	59	36	30	25	[illegible]
3	0	28	25	34	45	63	65	64	56	40	32	18	[illegible]
4	14	3	24	36	39	54	75	68	52	30	3[illegible]	29	[illegible]
	23	19	32	40	57	50	69	64	61	37	23		
5	17	25	31	33	53	62	74	62	57	45	26	26	[illegible]
[illegible]	17	[illegible]	27	32	46	65	76	66	55	31	33	32	[illegible]
6	22	1	32	43	52	58	68	64	57	45	28	16	16
	[illegible]	29	34	36	57	64	70	67	55	38	30	26	[illegible]
	23	17	27	42	44	66	7[illegible]	63	58	41	3[illegible]	32	[illegible]
7	13	29	29	4[illegible]	51	5[illegible]	68	62	55	43	36	19	13
	7	2	19	34	43	65	7[illegible]	65	59	41	27	19	7
8	8	31	31	47	49	68	72	67	52	48	7	11	
9	10	25	30	37	51	54	69	72	56	39	2[illegible]	16	[illegible]
[illegible]	13	17	32	41	51	63	69	66	54	44	36	32	17
6	1[illegible]	21	31	36	48	64	73	62	56	36	3[illegible]	18	4
[illegible]	1	22	24	47	45	66	67	66	46	40	31	28	[illegible]
	1[illegible]	24	25	36	49	[illegible]	64	64	51	39	27	15	1[illegible]
[illegible]	14	21	32	41	46	56	72	[illegible]	58	38	35	20	13
	15	21	29	37	46	54	64	66	53	37	32	32	15
1	16	[illegible]	19	3	48	65	[illegible]	64	47	47	3[illegible]	3[illegible]	0
[illegible]	14	30	31	41	54	57	[illegible]	66	45	45	3[illegible]	15	14
[illegible]	3	30	35	30	48	61	67	64	54	38	3[illegible]	32	[illegible]
4	15	21	30	37	55	60	69	65	45	41		2[illegible]	
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION | ABILENE, TX | STATION NAME | 40- | YEARS

IN DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	1[illegible]	1[illegible]	2[illegible]	32		[illegible]9	67	6[illegible]	49	43	23	1[illegible]	
6	1[illegible]	3[illegible]	36	41	49	61		6[illegible]	[illegible]4	36	16	13	
7	13	2[illegible]	34	44	56	54	73	[illegible]1	[illegible]5	[illegible]2	[illegible]9	2[illegible]	1[illegible]
7	1[illegible]	1[illegible]	32	43	46	62	74	69	63	43	33	[illegible]0	[illegible]0
7[illegible]	11	1[illegible]	32	42	45	58	71	63	57	44	21	1[illegible]	11
	2[illegible]	2[illegible]	17	36	30	69	72	72	57	31	2[illegible]		
[illegible]	2[illegible]	1[illegible]	31	43	43	63	73	67	47	41	36	22	1[illegible]
[illegible]	[illegible]	1[illegible]	28	3[illegible]	46	57	69	7[illegible]	[illegible]1	41	[illegible]3	23	[illegible]
MEAN	1[illegible].[illegible]	21.1	2[illegible].[illegible]	39.4	48.1	61.[illegible]	66.7	66.5	51.8	40.3	2[illegible].6	20.7	1[illegible].[illegible]
S.D.	[illegible].[illegible]7	6.453	[illegible].[illegible]1	[illegible].249	[illegible].704	[illegible].6[illegible]0	[illegible].[illegible]78	3.152	[illegible].693	[illegible].424	[illegible].[illegible]20	[illegible].[illegible]64	[illegible].[illegible]24
TOTAL OBS.	[illegible]114	1015	1116	1[illegible]80	1116	114[illegible]	1116	1178	114[illegible]	1178	111[illegible]	1116	13472

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION | DALLAS, TX (STATION NAME) | YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTH/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
					49								
		21	12										
				41									
					3								
MEAN													
S.D.													
TOTAL OBS.													

SMOS

4

PSYCHROMETRIC SUMMARY

23901	DALLAS, TX	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
83 / 79								.1				.0	.0					4	4		
78 / 77							.1	.0			.0	.0						5	5		
76 / 75					.0		.0	.1		.0	.0	.1	.0					9	9		
74 / 73				.0	.0	.0				.0	.0							5	5		
72 / 71				.1		.2			.1	.1	.1	.0						14	14		
70 / 69			.1	.2	.0	.0	.1	.1	.2	.1	.0	.1						23	23		
68 / 67		.1	.3	.2	.3	.1	.3	.2	.2	.1	.0							42	42	4	
66 / 65		.1	.4	.2	.1	.1	.2	.2	.1	.1								37	37	11	1
64 / 63		.2	.3	.2	.2	.2	.2	.2	.3	.3								54	54	17	10
62 / 61	.0	.4	.1	.3	.4	.3	.3	.3	.2	.1	.0							63	63	32	16
60 / 59	.1	.4	.5	.2	.4	.2	.3	.2	.2	.0								64	64	34	22
58 / 57		.3	.7	.5	.4	.6	.3	.3	.2	.1								83	83	27	32
56 / 55		.5	.6	.5	.2	.6	.3	.4	.1									81	81	59	25
54 / 53	.0	.9	.6	.8	.4	.5	.4	.1	.1									97	97	73	24
52 / 51	.0	.4	.6	.5	.6	.6	.5	.2										87	87	95	45
50 / 49	.1	.7	.8	.6	.7	.7	.3	.2										98	98	70	56
48 / 47	.1	1.2	.8	1.2	.6	.9	.2											123	123	115	57
46 / 45	.4	1.4	.7	1.4	.6	.6	.2											135	135	125	79
44 / 43	.1	1.2	1.3	1.1	.8	.5	.2											130	130	136	85
42 / 41	.1	1.1	1.3	1.7	.8	.5	.1											141	141	134	80
40 / 39	.2	1.5	1.5	1.4	.8	.3	.0											141	141	144	81
38 / 37	1.1	2.1	1.6	1.9	.8	.1												189	189	180	136
36 / 35	.2	1.5	1.2	1.0	.6	.1												114	114	173	119
34 / 33	.4	2.3	1.7	.7	.4	.1												139	139	174	144
32 / 31	.4	2.1	1.4	1.3	.2	.0												134	134	190	146
30 / 29	.3	1.8	1.4	1.1	.2													117	117	143	172
28 / 27	.5	1.2	1.1	.4	.1													82	82	118	150
26 / 25	.1	1.2	1.2	.3														70	70	106	144
24 / 23	.1	1.2	1.1	.2														65	65	90	128
22 / 21	.1	.7	.6	.2														38	38	68	124
20 / 19	.2	.7	.4	.1														34	34	59	109
18 / 17	.2	.6	.2															26	26	37	85
16 / 15	.1	.4	.1															15	15	28	99
14 / 13	.1	.2	.2															11	11	17	68

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

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4

PSYCHROMETRIC SUMMARY

93211	DALLAS, TX	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
127 11		.1	.1																5	5	11	7[illegible]
107 9	.0	.0	.1																4	4	4	49
87 7																					4	3[illegible]
67 5	.0																		1	1	2	24
47 3																						17
27 1																						[illegible]
7/- 1																						15
-2/- 3																						12
-4 /- 5																						7
-6/- 7																						2
-8/- 9																						4
-10/-11																						2
TOTAL	5.2	26.6	22.9	18.2	9.9	7.4	4.0	2.6	1.6	1.1	.3	.3	.1						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.	11399852	160462	64.7	20.260	2480							
Dry Bulb	4874933	105011	42.3	13.146	2480		180.6	30.6	6.9	.9		744.0
Wet Bulb	3772570	92576	37.3	11.304	2480		263.1	1.2				744.0
Dew Point	2651820	73930	29.8	13.442	2480	12.6	441.9					744.0

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4

PSYCHROMETRIC SUMMARY

939?1 STATION | DALLAS, TX STATION NAME | 73-82 YEARS | FEB 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					
92/ 89																.0		1	1			
88/ 87														.0				1	1			
94/ 93												.1	.1	.0				6	6			
92/ 91									.0		.1	.0	.0	.0				6	6			
90/ 89								.0	.0		.0	.2	.0	.0				9	9			
88/ 87							.1	.1	.2	.1	.2	.0	.1	.1				23	23			
86/ 85						.0	.1	.1	.2		.1	.2	.0	.0				20	20			
84/ 83					.0	.1	.4	.3	.2	.2	.0	.2	.0					34	34			
82/ 81					.4	.4	.2	.1	.1	.3	.1	.0	.0					40	40			
80/ 79			.0	.3	.2	.4	.3	.1	.2	.2	.3	.1	.0					48	48			
78/ 77			.2	.4	.3	.2	.3	.1	.3	.2	.1	.1						46	46			
76/ 75			.8	.4	.3	.3	.3	.2	.2	.1	.1							61	61	9		
74/ 73		.1	.6	.6	.4	.4	.4	.6	.3	.2								80	80	38	1	
72/ 71		.3	.8	.4	.3	.8	.8	.2	.2	.2								87	87	66	6	
70/ 69		.4	.7	.2	.7	.4	.5	.4	.4									86	86	61	38	
68/ 67	.0	.5	.6	.6	.5	.6	.6	.3	.1	.0								88	88	81	45	
66/ 65		.4	1.0	.7	.8	.8	.7	.3	.1									109	109	73	60	
64/ 63	.0	.8	.8	.6	.8	.4	.4	.1										90	90	97	54	
62/ 61	.0	.7	1.1	.5	.7	.9	.4	.1										100	100	106	61	
60/ 59	.0	.6	1.0	.6	1.2	.6	.3	.0										97	97	132	62	
58/ 57	.5	.3	1.1	1.2	1.6	.7	.1											125	125	116	70	
56/ 55	.8	1.0	1.0	1.2	.9	.5	.3											128	128	137	97	
54/ 53	.3	.8	1.8	.9	.8	.3	.0											111	111	129	93	
52/ 51	.6	1.0	1.1	2.2	.7	.1												129	129	159	92	
50/ 49	.6	1.4	1.8	1.2	.4	.2												128	128	158	112	
48/ 47	.2	1.6	1.5	.9	.5	.0												106	106	136	127	
46/ 45	.3	1.7	2.2	.9	.2													121	121	155	138	
44/ 43	.3	1.6	1.5	.8	.2													95	95	142	141	
42/ 41	.2	1.4	1.2	.4														71	71	111	163	
40/ 39	.1	1.3	1.0	.2														58	58	102	141	
38/ 37	.0	1.2	.9	.2	.0													53	53	72	126	
36/ 35		1.1	.6	.1														41	41	66	155	
34/ 33		.5	.5															22	22	36	102	
32/ 31		.6	.0	.0														16	16	32	91	

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

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4

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
9201	DALLAS, TX	73-82	FEB

PAGE 2
HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19		.1	.1															5	5	22	79
18/ 17	.0	.1	.0															5	5	6	54
16/ 15		.2	.0															6	6	6	48
14/ 13		.0	.1															3	3	3	32
12/ 11		.0																1	1	3	23
10/ 9																				2	20
8/ 7																					7
6/ 5																					6
4/ 3																					1
2/ 1																					2
0/- 1																					4
TOTAL	4.1	19.9	24.0	15.2	11.9	8.4	6.1	3.1	2.7	1.6	1.1	1.1	.5	.4		.0			2256		2256
																		2256		2256	

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.	9876139	142307	63.1	19.972	2256							
Dry Bulb	5635463	108440	48.1	13.696	2256		83.7	69.7	29.8	5.4		672.3
Wet Bulb	4231928	94572	41.9	10.890	2256		137.3					672.3
Dew Point	2399588	77596	34.4	12.108	2256	1.2	314.9					672.3

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4

PSYCHROMETRIC SUMMARY

939 1 — STATION
DALLAS, TX — STATION NAME
73-92 — YEARS
MAR — 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
96 / 95													.0					1	1		
94 / 93												.0						1	1		
92 / 91														.0				1	1		
90 / 89										.0								1	1		
88 / 87														.0	.0			2	2		
86 / 85								.0	.0						.0			3	3		
84 / 83								.2	.1		.0	.0	.1					10	10		
82 / 81						.0	.3	.2	.2	.1	.0	.1	.2	.0	.0			29	29		
80 / 79						.2	.4	.4	.1	.0	.2	.2	.1	.1				46	46		
78 / 77					.2	.2	.4	.2	.1	.2	.3	.3	.1	.0				48	48		
76 / 75				.0	.6	.5	.2	.3	.3	.2	.2	.2	.2					76	76		
74 / 73		.0	.0	.5	.2	.5	.2	.3	.3	.3	.2	.2	.1					72	72	1	
72 / 71		.0	.4	1.0	.6	.5	.3	.3	.2	.3	.2	.1						97	97	9	1
70 / 69		.1	1.0	.9	.5	.6	.4	.4	.3	.1	.3	.2						120	120	30	
68 / 67		.3	1.0	.9	.5	.5	.6	.4	.7	.6	.2							141	141	76	7
66 / 65	.1	.4	1.4	.8	.4	.3	.6	.4	.6	.2	.2	.0						136	136	106	46
64 / 63	.1	.9	1.2	.9	.6	.7	.8	.8	.4	.2								165	165	104	86
62 / 61	.0	.9	1.0	.6	.6	.7	1.1	.6	.4	.2								157	157	125	93
60 / 59	.1	.9	.8	.7	.9	1.0	.5	.4	.4	.0								141	141	144	127
58 / 57	.2	.5	1.1	1.0	.6	1.5	1.0	.4	.1	.0								161	161	148	119
56 / 55	.4	.8	.9	1.4	1.1	.8	.5	.4	.1									160	160	145	99
54 / 53	.1	.7	1.2	1.4	1.5	.8	.4	.1										155	155	159	92
52 / 51	.2	.5	1.4	1.3	.9	1.0	.3	.0										139	139	183	93
50 / 49		.8	1.5	1.0	1.0	.7		.0										127	127	211	85
48 / 47	.2	.6	.8	.7	.9	.3	.1											91	91	216	121
46 / 45	.2	.9	1.2	1.0	.3	.3	.0											97	97	178	123
44 / 43	.2	.4	.8	.7	.4	.0												64	64	163	149
42 / 41	.0	.5	.8	.8	.2	.0												59	59	118	146
40 / 39	.1	.3	.7	.8	.1	.1												53	53	97	169
38 / 37	.2	.4	.7	.3	.0	.0												42	42	77	154
36 / 35	.1	.3	.4	.2	.0													27	27	64	141
34 / 33		.3	.4		.1													20	20	43	120
32 / 31	.0	.2	.1	.2														14	14	29	107
30 / 29	.1	.1		.2														10	10	20	107

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

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4

PSYCHROMETRIC SUMMARY

93991 STATION | DALLAS, TX STATION NAME | 73-82 YEARS | MAR MONTH

PAGE 2 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
28/ 27	.3	.0	.1															4	4	8	8
26/ 25			.1	.0														4	4	11	13
24/ 23			.1															3	3	6	4 4
22/ 21			.2															1	1	2	3
20/ 19			.2															1	1	5	22
18/ 17		.0																1	1	1	9
16/ 15																				1	1 0
14/ 13																					6
12/ 11																					5
10/ 9																					7
8/ 7																					5
6/ 5																					3
TOTAL	2.6	15.9	19.4	17.4	12.5	11.5	8.3	5.7	4.3	2.6	2.0	1.4	.9	.3	.1			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.	10204378	150664	60.8	20.593	2480							
Dry Bulb	8802936	144860	58.4	11.736	2480		11.4	194.4	87.0	21.9	.6	744.0
Wet Bulb	6614985	125771	50.7	9.769	2480		24.9	34.8	.3			744.0
Dew Point	4282106	106832	43.1	12.381	2480		155.7	2.9	.3			744.0

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4

PSYCHROMETRIC SUMMARY

93991 STATION | DALLAS, TX STATION NAME | 73-82 YEARS | APR 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
92/ 91										.0	.1							3	3		
90/ 89										.0	.0				.0			3	3		
88/ 87								.1	.0	.1	.1				.0			8	8		
86/ 85							.3	.2	.2	.0		.0	.1	.0	.0			21	21		
84/ 83						.2	.4	.3	.3	.2		.1	.0	.0				40	40		
82/ 81					.0	.3	.5	.2	.3	.3	.1	.2	.1		.1			50	50		
80/ 79					.3	.4	.7	.9	.2	.5	.4	.2	.1	.0	.0			89	89		
78/ 77				.3	.7	1.0	.6	.7	.5	.5	.5	.3	.1					125	125		
76/ 75			.1	.6	1.5	1.1	.8	.4	.6	.2	.3	.2	.0					140	140	1	
74/ 73			.7	1.8	1.0	.8	.9	.5	.3	.3	.5	.1	.1					164	164	21	
72/ 71		.1	1.5	2.5	.9	.9	.7	.3	.4	.4	.1	.2						192	192	56	
70/ 69		.1	1.7	2.1	1.4	.5	.7	.5	.5	.5	.1							197	197	108	23
68/ 67		.2	2.5	1.1	1.2	.7	1.1	.7	.7	.2								202	202	184	76
66/ 65	.0	.4	1.7	1.2	1.0	1.0	.3	.6	.4	.2								169	169	203	117
64/ 63	.0	1.1	1.2	1.4	.8	.9	.4	.5	.2	.0								161	161	216	164
62/ 61		.9	.9	1.2	.9	1.0	.5	.2	.1									140	140	206	182
60/ 59	.0	.9	1.0	1.1	.9	1.0	.5	.4										137	137	189	165
58/ 57	.0	.7	1.2	.8	.9	.7	.3	.1	.1									113	113	140	150
56/ 55	.1	.7	1.1	1.2	1.2	.4	.3	.1										120	120	183	156
54/ 53	.1	.2	1.0	.8	.3	.4	.1	.0										74	74	126	151
52/ 51	.1	.5	1.0	.6	.7	.1	.2											81	81	146	127
50/ 49	.0	.5	.8	.5	.5	.2	.1											60	60	147	126
48/ 47		.3	.5	.3	.2	.0												32	32	121	148
46/ 45		.1	.3	.2	.3	.1												24	24	80	122
44/ 43		.3	.2	.2	.2													23	23	53	106
42/ 41		.1	.2	.1	.1													13	13	41	112
40/ 39	.1	.1	.1	.1														9	9	27	107
38/ 37		.0		.1														3	3	20	95
36/ 35		.1	.1															4	4	10	70
34/ 33			.1															2	2	7	52
32/ 31																				2	35
30/ 29		.0																1	1	2	30
28/ 27																				1	21
26/ 25																					17

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

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4

PSYCHROMETRIC SUMMARY

93221 (STATION) DALLAS, TX (STATION NAME) 73-32 (YEARS) APR (MONTH)

PAGE 2 (HOURS (L S T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					17
22/ 21																					7
20/ 19																					4
18/ 17																					1
TOTAL	.0	7.4	17.8	18.5	15.1	11.9	9.3	6.5	4.9	3.7	2.2	1.2	.6	.1	.2				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.	9987852	146366	61.0	18.442	2400							
Dry Bulb	10042631	158047	65.9	9.892	2400		.3	370.2	192.9	48.3		720.0
Wet Bulb	8120699	139159	57.6	8.753	2400		1.5	111.0	6.5			720.0
Dew Point	6514322	122272	50.2	10.898	2400		40.2	29.7				720.0

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4

PSYCHROMETRIC SUMMARY

723 1 STATION | DALLAS, TX STATION NAME | 73-82 YEARS | MAY 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
98 / 97											.0							1	1		
96 / 95									.0		.0							2	2		
94 / 93									.1	.0	.1	.1		.0				8	8		
92 / 91								.2	.3	.3	.1	.0	.0					25	25		
90 / 89						.0	.2	.6	.8	.1	.1	.0	.0					51	51		
88 / 87						.0	.4	1.2	.6	.3	.1	.2	.1	.0				83	83		
86 / 85						.0	1.3	.9	.6	.2	.1	.1	.0	.0				92	92		
84 / 83				.1	.4	1.2	1.4	1.1	.4	.2	.0	.1	.0					123	123		
82 / 81				.2	1.8	1.5	1.9	.6	.5	.2	.3	.1	.0					174	174	1	
80 / 79			.3	.3	1.7	1.4	.8	.9	.6	.3	.3	.1	.0					176	176	1	
78 / 77			.7	2.2	2.3	1.4	.8	.4	.4	.2	.2							212	212	24	1
76 / 75		.1	1.1	2.3	2.9	.8	.5	.4	.4	.2	.2							216	216	93	2
74 / 73	.0	.4	1.8	3.3	1.5	1.0	.3	.2	.5	.1	.1							227	227	219	25
72 / 71		.3	2.3	2.6	1.0	1.0	.4	.4	.4	.1								201	201	301	103
70 / 69		.2	3.1	1.6	.9	.4	.5	.1	.1									173	173	293	232
68 / 67	.1	.3	3.1	1.7	.9	.5	.6	.2	.1									200	200	250	265
66 / 65	.2	1.0	2.3	1.2	.6	.3	.2	.1										137	137	247	322
64 / 63		1.7	1.3	.5	.4	.4	.1											108	108	233	271
62 / 61	.1	.8	.6	.5	.8	.2												77	77	217	245
60 / 59	.1	.3	.5	.5	.5	.1												57	57	142	208
58 / 57	.1	.2	.8	.6	.2	.0												47	47	107	184
56 / 55	.2	.1	.2	.4	.1													21	21	103	186
54 / 53		.1	.5	.2														26	26	69	78
52 / 51		.4	.5	.1														28	28	43	85
50 / 49		.1	.2															6	6	42	75
48 / 47		.1	.1															4	4	24	95
46 / 45		.1	.0															3	3	6	87
44 / 43		.0																1	1	4	49
42 / 41																				1	31
40 / 39																					14
38 / 37																					4
36 / 35																					2
34 / 33																					1

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

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4

PSYCHROMETRIC SUMMARY

[illegible] STATION | DALLAS, TX STATION NAME | 73-82 YEARS | MAY MONTH

[illegible] HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31					
TOTAL	.4	5.5	18.6	19.2	16.1	11.0	10.0	7.3	5.8	2.3	1.9	.6	.5	.1					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.	11524405	164567	66.4	15.556	2479			589.4	417.2	194.8	3.3	744.0
Dry Bulb	13571971	182109	73.5	9.85	2479			367.0	101.7	.3		744.0
Wet Bulb	10722103	162177	65.4	6.735	2479			148.8	18.7			744.0
Dew Point	9275432	150366	60.7	7.904	2479							

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4

PSYCHROMETRIC SUMMARY

9791	DALLAS, TX	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
110/109																.0	.1	3	3		
108/107																	.2	1	1		
106/105															.1	.0		3	3		
104/103														.1	.1			5	5		
102/101												.0	.1	.1				5	5		
100/ 99											.0	.3	.3	.1	.1			20	20		
98/ 97										.1	.1	.4	.4		.0			25	25		
96/ 95									.1	.4	.0	.5	.2					48	48		
94/ 93								.1	.4	1.4	1.3	.3	.0	.1				89	89		
92/ 91							.2	.5	2.4	2.0	.3	.2						141	141		
90/ 89							.3	2.0	2.2	.7	.5	.2						152	152		
88/ 87						.4	1.8	2.2	1.1	.6	.5	.2						166	166		
86/ 85					.1	2.1	2.9	1.7	1.1	.5	.2	.1						200	200		
84/ 83				.1	1.5	2.6	2.1	.9	.5	.3	.2	.1						198	198		
82/ 81			.1	.7	2.5	2.5	1.3	.4	.5	.1	.2							199	199	1	
80/ 79			.3	2.3	3.1	2.3	.6	.5	.2	.2								229	229	25	
78/ 77		.4	1.2	3.2	2.8	1.3	.7	.4	.0									228	228	131	1
76/ 75	.2	.3	2.2	3.2	2.1	.7	.3	.2	.0	.0								218	218	394	22
74/ 73		.3	1.9	2.6	.7	.5	.3	.1										155	155	491	95
72/ 71		.1	1.6	1.5	.5	.4	.2	.0										101	101	424	247
70/ 69	.1	.6	1.9	.7	.4	.2		.1										95	95	336	485
68/ 67	.1	.3	1.0	.2	.5	.2	.0											56	56	227	486
66/ 65	.1	.3	.5	.4	.1													34	34	158	344
64/ 63	.0	.1	.2	.2	.2													17	17	104	236
62/ 61	.0	.0	.1	.1														7	7	54	153
60/ 59				.1	.1													4	4	33	113
58/ 57			.0															1	1	13	68
56/ 55																				5	64
54/ 53																				4	35
52/ 51																					24
50/ 49																					19
48/ 47																					8
46/ 45																					2

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

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4

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	DALLAS, TX	73-82	JUL

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	2.1	10.9	15.3	14.7	13.0	11.2	8.9	8.7	6.3	4.3	2.3	1.0	.3	.3	.1	.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.	9723037	146243	61.8	15.365	2400							
Dry Bulb	19352428	195332	81.4	8.329	2400			701.1	625.5	405.0	59.7	720.0
Wet Bulb	12164113	170535	71.1	4.404	2400			608.7	312.6	3.3		720.0
Dew Point	10516774	159402	66.5	5.088	2400			400.2	66.9			720.0

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4

PSYCHROMETRIC SUMMARY

93?1 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) JUL (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
110/109																	.0	1	1		
108/107																.0	.1	4	4		
106/105															.2	.2	.2	13	13		
104/103														.6	.4	.2	.0	31	31		
102/101												.2	.3	.8	.3	.2		44	44		
100/ 99											.1	.3	2.1	.7	.2		.0	85	85		
98/ 97										.0	.0	1.5	1.3	.4	.2	.0	.0	99	99		
96/ 95								.0		.0	1.0	1.5	.6	.1				123	123		
94/ 93								.0	1.0	2.2	2.4	.6		.1				161	161		
92/ 91							.1	.0	2.2	3.2	.7	.2	.0					182	182		
90/ 89						.0	.5	2.0	3.1	1.0	.3	.1	.0					178	178		
88/ 87						.4	1.8	3.0	1.6	.6	.1							187	187		
86/ 85			.0		.0	1.2	3.5	2.2	.6	.2	.0							208	208		
84/ 83		.1		.1	1.7	2.8	2.3	1.4	.2	.0								211	211		
82/ 81			.0	.3	2.2	2.4	1.9	.6	.1		.0							192	192	3	1
80/ 79			.5	1.8	3.2	2.4	1.0	.1										225	225	27	1
78/ 77		.2	1.5	2.3	2.7	1.5	.1	.0										223	223	210	
76/ 75		.5	2.3	2.6	1.5	.4	.1											183	183	580	17
74/ 73	.2	.8	1.6	1.0	.2	.1												96	96	670	125
72/ 71		.4	.5	.1	.0													26	26	553	313
70/ 69			.2															6	6	293	473
68/ 67			.0															1	1	112	574
66/ 65																				23	439
64/ 63																				6	288
62/ 61																					134
60/ 59																					56
58/ 57																					27
56/ 55																					13
54/ 53																					4
52/ 51																					1
50/ 49																					2
48/ 47																					1
46/ 45																					1
44/ 43																					1

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

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4

PSYCHROMETRIC SUMMARY

93901	CALLAS, TX	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 7

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
TOTAL	.2	2.0	6.9	9.0	11.6	11.8	11.2	10.4	8.9	8.3	6.1	4.4	4.4	2.6	1.3	.7	.4	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.	8532858	139522	56.3	16.569	2479							
Dry Bulb	19439827	212805	85.9	7.947	2479			748.0	734.1	554.0	168.4	748.0
Wet Bulb	13265922	181216	73.1	2.765	2479			734.7	447.2	2.1		749.0
Dew Point	11212094	166456	67.1	3.766	2479			451.4	73.8	.6		749.0

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4

PSYCHROMETRIC SUMMARY

93991 STATION | DALLAS, TX STATION NAME | 73-82 YEARS | AUG 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
104/103																.2		4	4		
102/101											.2	.0	.1	.2	.4	.1	.0	22	22		
100/ 99												.0	.4	.4	.4	.1		34	34		
98/ 97									.0	.0	.6	1.2	1.4	.4	.2			96	96		
96/ 95									.0	.6	2.7	2.3	.6	.5	.1			170	170		
94/ 93								.1	.9	1.9	1.9	.7	.1					137	137		
92/ 91							.1	.6	1.8	2.6	1.0	.6	.1	.1	.0			170	170		
90/ 89							.4	1.6	2.3	1.7	.7	.2	.1	.1				174	174		
88/ 87					.0	.2	2.0	2.2	1.5	.7	.2	.1						172	172		
86/ 85					.2	2.1	3.4	2.1	1.2	.4	.2	.0						236	236		
84/ 83				.1	1.5	3.0	2.1	1.2	.6	.1	.1							214	214		
82/ 81			.0	.8	2.2	2.7	1.8	.8	.1	.1	.0							211	211	2	
80/ 79			.3	2.4	3.2	2.4	.7	.4	.1									233	233	13	
78/ 77		.1	1.1	2.9	2.3	1.6	.4	.1	.0									213	213	132	
76/ 75		.1	1.4	3.5	1.5	.9	.4	.0										193	193	487	19
74/ 73		.5	1.5	1.5	.8	.3	.0	.0										116	116	633	69
72/ 71		.4	.6	.6	.3	.0	.1											51	51	553	271
70/ 69		.3	.1	.2	.2	.1	.0											23	23	350	484
68/ 67	.0	.0	.1	.0		.0												6	6	170	514
66/ 65	.0		.0	.0														3	3	92	392
64/ 63		.0		.0														2	2	29	293
62/ 61																				12	194
60/ 59																				4	113
58/ 57																				3	64
56/ 55																					32
54/ 53																					16
52/ 51																					11
50/ 49																					5
48/ 47																					4
TOTAL	.1	1.5	5.2	12.1	12.1	13.3	11.3	9.0	8.5	8.3	7.6	5.2	2.7	1.7	1.1	.4	.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.	8564773	140322	56.6	15.980	2480							
Dry Bulb	17912057	209917	84.6	7.617	2480			742.5	718.5	522.3	138.9	744.0
Wet Bulb	12966169	179143	72.2	3.223	2480			702.0	380.1	1.2		744.0
Dew Point	10944702	164402	66.3	4.322	2480			406.8	57.6			744.0

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1078 2097 54321

4

PSYCHROMETRIC SUMMARY

93991	DALLAS, TX	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
102/101														.0		.0		2	2		
100/ 99										.0	.1	.0	.0	.2				10	10		
98/ 97										.0	.2	.2	.3	.2	.1		.0	26	26		
96/ 95									.0	.1	.4	.7	.3	.1	.1			44	44		
94/ 93									.2	.5	1.2	.4	.3	.1	.0			65	65		
92/ 91								.5	.7	1.2	.8	.3	.1					88	88		
90/ 89							.4	.5	1.0	1.0	.5	.3	.0	.0				90	90		
88/ 87						.0	.9	1.1	1.2	.5	.7	.2	.1					114	114		
86/ 85					.2	.9	1.2	1.3	1.2	.6	.4	.2	.0					146	146		
84/ 83					1.0	1.6	1.3	1.0	.7	.4	.1	.1	.1					153	153		
82/ 81			.0	.3	1.1	2.2	1.4	.9	.8	.2	.2	.2	.0					176	176	2	
80/ 79		.0	.3	1.2	1.5	1.5	1.1	.9	.2	.2	.1	.3						177	177	8	
78/ 77		.1	1.2	2.1	2.2	1.4	.9	.5	.3	.2	.3							222	222	53	
76/ 75		.2	1.5	1.8	1.9	1.4	.7	.2	.1	.5	.1							202	202	174	7
74/ 73	.1	.7	2.0	2.2	1.2	1.2	.7	.4	.3	.2								214	214	323	67
72/ 71	.3	.9	1.5	1.2	.9	.6	.4	.4	.2	.1								154	154	390	149
70/ 69	.4	1.0	.8	1.0	.7	.4	.4	.4	.2									129	129	332	297
68/ 67	.2	.2	1.0	.5	.6	.5	.5	.1										88	88	266	303
66/ 65	.3	.2	.6	.7	.3	.5	.2											66	66	201	279
64/ 63	.1	.4	.6	.8	.3	.5	.1											65	65	148	222
62/ 61	.0	.5	.3	.5	.2	.1												41	41	96	201
60/ 59	.1	1.0	.3	.2	.4	.2												50	50	115	172
58/ 57	.3	.3	.3	.1	.1	.0												31	31	121	171
56/ 55	.0	.2	.1	.2	.2													19	19	64	134
54/ 53	.1	.1	.1	.1														10	10	50	79
52/ 51	.1	.2	.2	.1														12	12	20	79
50/ 49		.0	.1	.0														4	4	16	47
48/ 47	.0	.0																2	2	13	57
46/ 45																				3	42
44/ 43																				1	41
42/ 41																					31
40/ 39																					17
38/ 37																					6

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

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4

PSYCHROMETRIC SUMMARY

93901	DALLAS, TX	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.1	6.1	10.9	13.2	12.8	13.0	10.3	8.2	7.1	5.6	5.0	3.1	1.5	.7	.2	.0	.0	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.	7896266	147768	61.6	18.240	2400							
Dry Bulb	14650364	186084	77.5	9.627	2400			630.0	518.7	301.2	44.1	720.0
Wet Bulb	11042939	162059	67.5	6.455	2400			464.4	168.0	1.2		720.0
Dew Point	9345781	148583	61.9	7.829	2400			246.9	42.3			720.0

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4

PSYCHROMETRIC SUMMARY

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

PAGE 1 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100 / 99																.0		1	1		
98 / 97											.0						.0	2	2		
96 / 95															.0			1	1		
94 / 93									.0			.1	.1	.0	.0			7	7		
92 / 91										.2	.1	.1	.1	.1	.0			16	16		
90 / 89								.0	.0	.1	.2		.1	.1	.1			18	18		
88 / 87						.0	.1	.2	.2	.2	.2	.2	.1	.0	.0			38	38		
86 / 85						.3	.2	.5	.4	.4	.1	.2	.1	.2	.1			64	64		
84 / 83					.2	.2	.4	.5	.4	.4	.3	.2	.1	.2				71	71		
82 / 81				.1	.2	.3	.7	.7	.4	.3	.2	.2	.2	.2	.0			91	91		
80 / 79			.1	.4	.5	.7	.5	.6	.4	.3	.2	.3	.1	.0				105	105		
78 / 77			1.0	.6	.9	.8	.9	.5	.4	.5	.1	.4	.2	.0				157	157	8	
76 / 75		.1	.9	.6	.9	.6	.8	.5	.4	.4	.2	.2	.0					144	144	29	
74 / 73		.3	.6	1.1	.8	1.0	.4	.6	.5	.4	.3	.1	.0					157	157	74	21
72 / 71		.2	.9	2.1	.8	.7	.4	.2	.7	.3	.2	.0						170	170	125	56
70 / 69	.1	.4	1.4	.8	1.2	.8	.5	.6	.8	.4	.2							131	131	134	69
68 / 67	.4	.5	1.2	.6	1.4	.5	.8	.3	.5	.2								158	158	174	93
66 / 65	.5	1.2	.9	.9	.6	.7	.2	.6	.3	.1								165	165	222	122
64 / 63	.5	.9	.9	1.3	.7	1.1	.6	.5	.3	.0								171	171	195	189
62 / 61	.2	.3	.7	.9	1.3	.8	.6	.2	.2									124	124	172	142
60 / 59	.1	.3	.7	1.1	.8	1.0	.5	.4										120	120	165	144
58 / 57	.2	.4	1.0	1.0	.5	.8	.3	.1										108	108	178	149
56 / 55	.2	.3	.7	.8	.7	.7	.3											94	94	194	129
54 / 53	.2	.6	.7	.6	.5	.4												74	74	190	136
52 / 51		.5	.7	.7	.4	.2												64	64	138	116
50 / 49		.2	.7	.4	.3	.1												54	54	138	131
48 / 47	.1	.1	.3	.6	.5													40	40	92	145
46 / 45		.5	.5	.5	.2													42	42	81	127
44 / 43	.1	.2	.4	.2														21	21	69	126
42 / 41	.0	.1	.2	.1														11	11	48	116
40 / 39	.0	.0	.2															6	6	32	124
38 / 37			.1															3	3	15	99
36 / 35																				5	73
34 / 33		.0																1	1	1	64

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

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]931	DALLAS, TX	73-82	OCT

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
32/ 31		.0																1	1	1	62
30/ 29																				1	33
28/ 27																					17
26/ 25																					7
TOTAL	.7	7.1	14.8	15.5	14.0	11.7	9.1	7.5	6.2	4.3	2.7	1.9	1.3	.8	.4	.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.	12040255	149931	60.5	19.842	2480							
Dry Bulb	11680613	167993	67.7	11.017	2480		.3	414.3	261.6	105.9	3.3	744.0
Wet Bulb	6759549	145715	58.8	8.935	2480		.6	162.9	33.0			744.0
Dew Point	6983655	128575	51.8	11.320	2480		35.7	68.9	15.3			744.0

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4

PSYCHROMETRIC SUMMARY

STATION: [illegible] | STATION NAME: DALLAS, TX | YEARS: 73-82 | MONTH: NOV

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					
90 / 89											.0								1	1		
88 / 85								.2		.1		.0	.0						5	5		
84 / 83							.0	.1	.0	.1	.2	.1	.0						13	13		
82 / 81						.0	.1	.1		.1	.1	.0	.1						14	14		
80 / 79				.0	.1	.2	.1	.2	.2	.1	.1		.1						30	30		
78 / 77				.1	.1	.2	.2	.2	.3	.1	.1	.1							35	35		
76 / 75		.0	.3	.1	.5	.5	.2	.3	.2	.2		.0							55	55		
74 / 73		.2	.2	.4	.3	.4	.5	.2	.2	.2	.1	.1							65	65	5	1
72 / 71	.0	.3	.4	.8	.5	.6	.4	.3	.3	.2	.1	.0							95	95	24	7
70 / 69	.0	.3	1.0	.5	.7	.5	.4	.2	.3	.2		.0							99	99	35	24
68 / 67	.1	.3	1.2	.7	.5	.5	.3	.5	.4	.3	.0								116	116	58	19
66 / 65	.0	.4	1.0	.5	.3	.5	.4	.5	.3	.1	.0								102	102	83	42
64 / 63	.0	.5	1.0	1.1	.7	.7	.3	.6	.4	.1									132	132	105	57
62 / 61	.2	1.0	.8	1.2	.6	.5	.6	.5	.2										138	138	116	77
60 / 59	.7	.6	.9	1.2	1.1	.5	.4	.2	.2	.1	.0								143	143	129	98
58 / 57	.3	.7	1.0	1.0	.9	.8	.5	.3	.1	.1									139	139	130	98
56 / 55	.2	.8	1.5	1.0	.8	.8	.8	.2	.1	.0									152	152	126	94
54 / 53	.4	.6	1.3	1.0	.8	.6	.7	.2											138	138	164	112
52 / 51	.5	.8	1.4	1.2	.7	.7	.3	.2	.0										141	141	164	118
50 / 49	.2	1.3	1.7	.9	.9	.7	.2	.1											147	147	155	111
48 / 47	.3	.6	1.5	1.2	1.0	.5	.2	.3											126	126	171	130
46 / 45	.2	.8	2.0	1.0	.4	.2	.1	.1											113	113	154	124
44 / 43	.1	1.0	1.4	.9	.5	.3	.1												102	102	140	127
42 / 41	.0	.4	.9	.9	.5	.2	.0												74	74	175	141
40 / 39	.0	.4	1.0	.6	.3	.1													58	58	108	113
38 / 37		.6	.8	.4	.5														56	56	90	156
36 / 35		.2	.6	.3	.2														35	35	91	107
34 / 33		.4	.3	.3	.0														27	27	55	107
32 / 31		.5	.1	.2	.0														20	20	58	101
30 / 29		.2	.1	.0	.0														9	9	37	100
28 / 27		.0	.2	.3															10	10	13	87
26 / 25		.1	.0	.0															4	4	7	62
24 / 23		.0	.1																4	4	12	86
22 / 21																					6	31

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

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4

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ 72-82 YEARS NOV MONTH

HOURS (LST)

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 1																			2	22
1 / 17		.2															1	1		21
1 / 1		.0															1	1	2	22
1 / 11																				21
1 / 11																				11
1 / 9																				11
/ 9																				6
/ 6																				2
/ 6																				2
T T L	1.3	13.3	22.5	17.9	13.3	10.1	7.1	5.1	3.4	2.0	.9	.5	.2					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
...um.	17759165	153539	64.0	19.758	2400							
Dry Bulb	7962042	135256	56.4	11.893	2400		14.7	158.4	65.4	13.8		720.0
Wet Bulb	6196069	119293	49.7	10.560	2400		39.9	36.6	1.5			720.0
Dew Point	4831218	102882	42.9	13.246	2400		162.9	15.3	1.2			720.0

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4

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME DALLAS, TX YEARS 73-82 MONTH DEC

PAGE 1 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 87															.0			1	1		
[illegible] / 85															.0			1	1		
[illegible] / 83														.0	.0			2	2		
[illegible] / 81												.0						1	1		
[illegible] / 79						.0					.0		.1	.0				5	5		
78 / 77						.1	.0	.0		.0	.0							7	7		
76 / 75					.1		.0	.1		.0	.1	.1	.0					12	12		
74 / 73				.1	.1	.2	.2	.1	.0	.0		.1	.1					22	22		
72 / 71		.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0					29	29		
70 / 69			.4	.4	.2	.1	.0	.2	.1	.2		.1						43	43	2	1
[illegible] / 67		.0	.2	.2	.3		.2	.2	.1	.3	.1							41	41	12	
[illegible] / 65	.0	.0	1.2	.8	.4	.1	.1	.1	.4	.2	.1	.0						85	85	11	4
64 / 63		.1	.6	.6	.2	.3	.4	.4	.3	.2								78	78	31	12
62 / 61	.1	.4	.6	.5	.4	.4	.5	.3	.4	.1	.1							97	97	68	20
[illegible] / 59	.0	.5	.9	.5	.4	.5	.3	.5	.3	.1								100	100	56	49
[illegible] / 57	.0	.5	.5	.5	.7	.4	.6	.5	.1	.0								96	96	77	52
56 / 55	.1	.6	.7	.5	.9	.9	.9	.3	.2	.0								126	126	68	59
[illegible] / 53	.1	.6	.5	.9	.8	.9	.4	.1	.1									113	113	79	62
52 / 51	.2	.4	1.2	.8	1.0	1.1	.5	.5	.1									142	142	102	55
50 / 49	.2	.5	1.1	.8	1.3	1.1	.6	.2										141	141	122	51
[illegible] / 47	.2	.6	1.6	1.4	1.4	.5	.4	.1										168	168	135	57
[illegible] / 45	.1	1.2	1.9	1.6	1.3	.7	.2	.0										167	167	166	80
[illegible] / 43	.1	1.0	2.1	2.5	1.0	.7	.2											191	191	179	79
42 / 41	.4	1.1	1.6	1.6	.9	.2	.1											148	148	196	106
[illegible] / 39	.4	.8	2.5	1.4	.8	.2												153	153	233	136
38 / 37	.1	.6	1.6	1.2	.4	.2	.0											112	112	196	133
[illegible] / 35	.3	1.5	1.4	1.0	.4	.1												117	117	195	148
34 / 33	.2	1.0	.6	1.0	.2	.1												77	77	147	174
[illegible] / 31	.1	.5	.9	.6	.1	.0												55	55	109	185
[illegible] / 29	.0	.9	.7	.6	.1													59	59	84	181
[illegible] / 27	.0	.4	.7	.3														34	34	80	152
26 / 25		.3	.3	.2														19	19	46	133
[illegible] / 23	.0	.2	.5	.1														21	21	43	107
22 / 21	.0		.3															8	8	20	93

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

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4

PSYCHROMETRIC SUMMARY

[illegible] STATION | DALLAS, T[illegible] STATION NAME | [illegible] YEARS | DEC MONTH

[illegible] 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
[illegible] / 19			.2															4	4	16	8[illegible]
18 / 17																				9	5[illegible]
16 / 15			.1															2	2	1	41
14 / 13			.2															1	1		32
12 / 11																				3	35
10 / 9																					27
[illegible] / 7																					24
6 / 5																					23
4 / 3																					6
2 / 1																					1
0 / - 1																					2
- 2 / - 3																					6
- 4 / - 5																					2
- 6 / - 7																					1
TOTAL	3.6	14.1	24.5	20.2	13.8	10.0	5.9	3.6	2.3	1.4	.7	.4	.2	.1	.1			2478	2478		2478

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.	12147726	150868	60.9	19.711	2478							
Dry Bulb	5121904	119682	48.3	11.742	2478		60.9	49.2	15.7	2.1		744.[illegible]
Wet Bulb	4628336	104102	42.0	10.145	2478		123.4	4.2				744.[illegible]
Dew Point	3246661	83811	33.8	12.496	2478	3.0	361.2	.3				744.[illegible]

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4

PSYCHROMETRIC SUMMARY

STATION: [illegible] DALLAS, TX STATION NAME: [illegible] YEARS: 73-82 MONTH: ALL

PAGE 1 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																.0	.0	4	4			
108/107																.0	.0	5	5			
106/105															.0	.0	.0	16	16			
104/103														.1	.0	.0	.0	40	40			
102/101											.0	.0	.0	.1	.1	.0	.0	73	73			
100/ 99										.0	.0	.1	.2	.1	.1	.0	.0	150	150			
98/ 97									.0	.0	.1	.3	.3	.1	.0	.0	.0	249	249			
96/ 95								.0	.0	.2	.5	.4	.1	.1	.0			389	389			
94/ 93								.1	.2	.5	.6	.2	.0	.0	.0			465	468			
92/ 91							.0	.2	.6	.8	.7	.1	.0	.0	.0			626	626			
90/ 89						.0	.2	.4	.8	.4	.2	.1	.0	.0	.0	.0		669	669			
88/ 87					.0	.1	.6	.3	.5	.3	.2	.1	.0	.0	.0			772	772			
86/ 85			.0		.0	.0	1.1	.7	.4	.2	.1	.1	.0	.0	.0			976	976			
84/ 83		.0		.2	.5	1.0	.5	.5	.7	.1	.1	.1	.0	.0	.0			1041	1041			
82/ 81			.0	.2	.0	1.0	.2	.4	.2	.1	.1	.1	.1	.0	.0			1143	1143	9		
80/ 79		.0	.1	.0	1.2	1.0	.5	.4	.2	.1	.1	.1	.1	.0	.0			1328	1328	74		
78/ 77		.0	.0	1.2	1.2	.4	.4	.2	.2	.2	.2	.1	.0	.0				1498	1498	558		
76/ 75	.0	.1	.0	1.2	1.1	.6	.4	.2	.2	.2	.1	.1	.0	.0				1468	1468	1762		
74/ 73	.0	.3	.2	1.2	.6	.2	.3	.2	.2	.2	.1	.1	.0					1327	1327	2433		
72/ 71	.0	.2	.2	1.0	.5	.2	.2	.2	.2	.2	.1	.0	.0					1170	1170	2435	1147	
70/ 69	.1	.3	1.0	.2	.6	.2	.3	.2	.2	.1	.1	.0	.0					1137	1137	1913	2087	
68/ 67	.1	.2	1.0	.5	.3	.2	.4	.2	.2	.2	.0	.0						1097	1097	1573	2327	
66/ 65	.1	.3	.4	.4	.3	.2	.3	.2	.2	.1	.0	.0						995	995	1396	2130	
64/ 63	.1	.2	.7	.6	.4	.4	.3	.2	.2	.1								1033	1033	1229	1924	
62/ 61	.1	.2	.5	.5	.5	.4	.4	.2	.1	.1	.0							931	931	1164	1857	
60/ 59	.1	.4	.5	.5	.5	.4	.2	.2	.1	.0	.0							902	902	1073	1355	
58/ 57	.1	.3	.6	.5	.4	.4	.3	.2	.1	.0								867	867	1065	1167	
56/ 55	.1	.4	.5	.6	.5	.4	.3	.1	.1	.0								882	882	1024	977	
54/ 53	.1	.4	.6	.6	.4	.3	.2	.1	.0									777	777	1081	845	
52/ 51	.1	.4	.7	.5	.4	.4	.2	.1	.0									794	794	997	814	
50/ 49	.0	.4	.6	.4	.5	.3	.1	.0										734	734	1031	771	
48/ 47	.1	.3	.6	.5	.5	.3	.1	.0										711	711	1003	975	
46/ 45	.1	.5	.6	.6	.3	.2	.1	.0										709	709	930	884	
44/ 43	.1	.4	.7	.5	.3	.0	.1											643	643	874	856	

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

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4

PSYCHROMETRIC SUMMARY

3731 (STATION) DALLAS, TX (STATION NAME) 73-82 (YEARS) ALL (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥2/ 41	.1	.4	.5	.6	.3	.1	.0											575	575	872	85[illegible]
42/ 39	.1	.4	.6	.5	.2	.1	.0											548	548	799	87[illegible]
38/ 37	.1	.5	.5	.4	.2	.[illegible]	.0											511	511	694	909
36/ 35	.1	.4	.5	.3	.1	.[illegible]												418	418	693	808
34/ 33	.1	.5	.4	.2	.1	.[illegible]												361	361	569	803
32/ 31	.1	.4	.3	.2	.[illegible]	.[illegible]												295	295	496	799
30/ 29	.0	.4	.3	.2	.0													254	254	389	763
28/ 27	.1	.2	.2	.1	.0													183	183	292	637
26/ 25	.0	.2	.2	.1														138	138	236	590
24/ 23	.0	.2	.2	.0														115	115	187	446
22/ 21	.0	.1	.1	.0														63	63	128	376
20/ 19	.0	.1	.1	.0														44	44	104	325
18/ 17	.0	.1	.0															33	33	53	239
16/ 15	.0	.1	.0															24	24	38	227
14/ 13	.0	.0	.0															15	15	20	169
12/ 11		.0	.0															6	6	17	147
10/ 9	.0	.0	.0															4	4	6	114
8/ 7																				4	79
6/ 5	.0																	1	1	2	57
4/ 3																					26
2/ 1																					6
0/- 1																					1[illegible]
-2/- 3																					20
-4/- 5																					10
-6/- 7																					3
-8/- 9																					4
-10/-11																					2
TOTAL	2.0	9.7	16.5	16.0	13.1	11.1	8.7	6.5	5.4	4.0	2.9	1.9	1.2	.6	.3	.1	.1		29212		29212
																		29212		29212	

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.	120656701	1796559	61.5	18.656	29212							
Dry Bulb	136387166	1925626	65.9	17.949	29212		351.9	3693.8	3672.9	2175.6	418.3	8760.0
Wet Bulb	102485382	1675308	57.3	14.809	29212		590.7	3227.5	1451.0	8.1		8760.0
Dew Point	83504143	1484107	50.8	16.656	29212	16.8	1512.5	1810.2	275.7	.6		8760.0

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4

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] DALLAS, TX 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	39.8	45.0	55.2	62.2	69.6	77.2	81.7	80.7	73.9	63.7	53.4	45.5	62.4
	S. D.	11.348	11.673	9.832	7.845	6.766	5.140	4.145	4.032	7.331	9.134	10.330	10.182	16.372
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
[illegible]	MEAN	38.0	42.7	52.6	59.7	67.1	74.4	78.7	77.8	71.3	61.4	51.2	43.2	59.9
	S. D.	11.423	11.563	10.118	8.200	6.906	4.812	3.401	3.598	7.328	9.367	10.623	10.321	16.182
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	36.5	41.0	51.0	58.0	65.8	73.0	76.8	75.6	69.5	59.5	49.7	41.2	58.3
	S. D.	11.727	11.397	10.522	8.872	7.147	4.625	2.648	3.323	7.170	9.568	10.806	10.698	16.160
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	38.6	44.3	55.4	64.4	72.9	80.7	85.4	84.4	76.3	66.2	53.9	44.7	64.0
	S. D.	11.529	11.503	10.036	7.937	6.393	5.034	4.288	4.080	7.239	8.545	10.165	10.006	17.771
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1[illegible]	MEAN	46.5	52.8	63.1	71.1	78.7	87.0	92.6	90.9	83.7	74.6	62.1	53.6	71.5
	S. D.	13.299	14.032	11.106	8.766	7.308	5.844	5.457	5.207	8.450	9.679	11.482	11.188	17.925
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	50.4	56.8	66.8	73.9	81.4	89.9	94.7	93.7	86.3	77.4	65.1	57.5	74.6
	S. D.	14.532	14.916	11.410	8.620	7.655	6.425	6.514	5.345	8.784	9.938	12.006	11.920	17.802
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	46.5	53.6	64.5	71.8	79.2	87.8	91.9	90.7	82.6	72.4	59.8	52.1	71.2
	S. D.	12.717	13.457	10.509	7.913	6.982	6.006	6.739	5.585	8.360	8.976	10.401	9.941	17.722
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
[illegible]	MEAN	42.6	48.3	58.7	65.8	72.9	81.0	85.2	84.2	76.7	66.7	55.6	48.0	65.6
	S. D.	11.588	11.793	9.531	7.475	6.588	5.281	5.005	4.280	7.470	8.559	10.199	9.951	16.585
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	42.3	48.1	58.4	65.9	73.5	81.4	85.9	84.6	77.5	67.7	56.4	48.3	65.9
	S. D.	13.146	13.697	11.737	9.893	8.851	8.030	7.948	7.618	9.627	11.018	11.896	11.742	17.950
	TOTAL OBS	2480	2256	2480	2400	2479	2400	2479	2480	2400	2480	2400	2478	29212

NAVWEASERVCOM

4

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] DALLAS, TX 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	36.[illegible]	40.3	49.3	55.9	64.0	69.5	71.9	71.0	66.2	57.1	49.4	40.6	55.9
	S. D.	10.779	10.435	9.625	8.034	6.413	4.094	2.147	2.776	6.278	8.809	10.346	9.907	14.676
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
[illegible]	MEAN	34.7	39.1	47.9	54.6	62.5	68.6	70.9	70.1	65.3	55.9	47.1	39.2	54.7
	S. D.	11.037	10.764	10.074	8.449	6.723	4.411	2.142	2.965	6.582	9.333	10.673	10.261	14.977
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	33.6	37.8	47.0	53.7	62.0	68.4	70.5	69.6	64.6	55.0	46.1	38.3	53.9
	S. D.	11.329	10.770	10.542	8.948	7.003	4.257	2.151	3.035	6.889	9.675	11.001	10.554	15.332
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	35.4	40.1	49.7	57.2	65.7	71.4	73.9	73.0	68.0	58.8	49.0	40.4	57.0
	S. D.	11.212	10.666	9.662	7.995	6.218	3.890	2.040	2.572	6.126	8.535	10.274	9.891	15.453
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1[illegible]	MEAN	38.9	44.6	53.0	60.0	67.7	73.1	75.2	74.4	70.1	61.7	52.6	45.0	59.8
	S. D.	11.179	10.833	9.108	7.757	6.209	3.839	2.117	2.564	6.083	8.226	10.151	9.647	14.405
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	41.7	46.4	54.4	61.1	68.4	73.6	75.1	74.3	70.1	62.3	53.6	46.6	60.7
	S. D.	11.170	10.483	8.781	7.449	6.082	3.769	2.158	2.524	5.840	7.792	9.999	9.316	13.760
	TOTAL OBS	310	262	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	39.7	44.7	53.4	60.2	67.6	72.8	74.4	73.4	68.8	60.6	51.3	44.1	59.3
	S. D.	10.670	10.119	8.719	7.322	5.930	3.700	2.265	2.632	5.682	7.985	9.822	9.096	14.064
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
2[illegible]	MEAN	37.7	42.4	51.2	57.9	65.5	71.0	72.9	72.1	67.1	58.5	49.5	42.[illegible]	57.4
	S. D.	10.616	10.040	9.950	7.604	6.165	3.778	2.260	2.621	5.921	8.179	10.016	9.429	14.313
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	37.3	41.9	50.7	57.6	65.4	71.1	73.1	72.2	67.5	58.8	49.7	42.[illegible]	57.3
	S. D.	11.305	10.891	9.770	8.354	6.736	4.404	2.766	3.224	6.456	8.935	10.561	10.146	14.809
	TOTAL OBS	2450	2256	2480	2400	2479	2400	2479	2480	2400	2480	2400	2478	29212

4

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

734 1	DALLAS, TX	73-82
STATION	STATION NAME	YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN	29.7	34.3	43.2	50.6	60.4	65.5	67.2	66.1	61.7	51.7	41.0	33.8	50.7
	S. D.	13.237	11.864	12.248	10.331	7.359	4.860	3.392	4.149	7.598	10.881	12.930	12.765	16.427
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
03	MEAN	29.1	34.0	42.8	50.2	59.6	65.6	67.0	66.1	61.7	51.5	42.5	33.2	50.3
	S. D.	13.346	12.318	12.375	10.368	7.557	5.048	3.220	4.174	7.646	11.210	13.009	12.988	16.649
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	28.4	33.1	42.6	49.9	59.6	66.0	67.3	66.5	61.6	51.1	42.0	32.9	50.2
	S. D.	13.505	12.272	12.565	10.543	7.733	4.726	3.191	4.002	7.839	11.335	13.116	12.929	16.966
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.9	34.4	43.9	51.3	61.3	66.9	68.7	68.1	63.4	53.1	43.8	34.4	51.7
	S. D.	13.675	12.491	11.917	10.862	7.853	4.875	3.286	3.626	7.478	11.022	12.827	12.618	16.893
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
12	MEAN	30.6	35.2	43.4	51.4	61.3	66.5	67.5	66.9	62.8	52.2	43.3	34.6	51.4
	S. D.	13.566	12.376	12.339	11.319	8.316	5.271	3.871	4.287	8.254	11.947	13.786	13.176	16.776
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	30.3	34.9	42.8	51.6	61.2	65.9	66.1	65.3	61.5	51.3	42.6	33.8	50.7
	S. D.	13.585	11.956	12.492	11.432	8.372	5.476	4.576	4.687	8.103	11.917	14.020	13.112	16.638
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	30.0	34.4	42.6	51.1	61.8	65.5	66.2	65.1	61.0	51.6	42.7	33.8	50.5
	S. D.	13.546	11.951	13.061	11.575	8.339	5.532	4.159	4.771	8.035	11.575	13.514	13.158	16.604
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
21	MEAN	30.4	35.1	43.6	51.5	61.0	66.0	67.1	66.2	61.6	52.2	43.2	34.1	51.1
	S. D.	13.078	11.639	12.101	10.684	7.520	4.753	3.633	4.081	7.461	10.616	12.824	12.544	16.248
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.8	34.4	43.1	50.9	60.7	66.0	67.1	66.3	61.9	51.8	42.9	33.4	50.8
	S. D.	13.442	12.109	12.382	10.899	7.905	5.088	3.767	4.322	7.830	11.321	13.246	12.897	16.657
	TOTAL OBS	2430	2256	2480	2400	2479	2400	2479	2480	2400	2480	2400	2478	29212

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

93901	DALLAS, TX	73-82	JAN
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%		
JAN	00	100.0	100.0	99.0	94.5	84.8	67.1	50.0	26.4	5.7	69.0	310
	03	100.0	100.0	99.7	96.8	88.7	75.5	58.4	35.5	11.3	72.1	310
	06	100.0	100.0	99.4	97.4	90.6	79.0	59.4	38.7	15.2	73.9	310
	09	100.0	100.0	100.0	97.4	89.7	73.5	55.2	39.4	17.4	72.8	310
	12	100.0	100.0	91.3	76.5	53.9	40.6	29.0	20.0	5.2	57.6	310
	15	100.0	96.1	80.0	58.7	44.2	33.2	23.2	17.1	5.2	50.9	310
	18	100.0	98.7	89.0	71.0	57.4	41.3	26.1	14.7	5.5	56.6	310
	21	100.0	99.7	98.7	91.0	77.4	58.7	38.7	24.8	6.8	64.8	310
TOTALS		100.0	99.3	94.6	85.4	73.7	58.6	42.5	27.8	9.4	64.7	2480

NAVAL WEATHER SERVICE DETACHMENT
4 ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] DALLAS, TX [illegible] FEB

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	100.0	99.3	96.8	85.1	68.1	46.5	20.6	6.4	67.9	282
	[illegible]	100.0	100.0	99.6	97.9	92.9	80.1	59.9	33.0	8.2	73.6	282
	[illegible]	100.0	100.0	99.6	98.2	93.6	81.6	66.7	41.5	9.6	74.9	282
	[illegible]	100.0	100.0	98.9	95.7	85.1	69.1	55.3	29.4	12.1	70.4	282
	12	100.0	97.9	88.7	72.3	56.4	38.3	22.3	15.2	5.7	55.2	282
	13	100.0	92.9	77.3	59.9	42.6	28.0	19.5	10.3	3.5	48.7	282
	14	100.0	94.0	84.4	71.3	52.5	30.5	20.9	10.3	2.8	52.3	282
	15	100.0	100.0	97.2	89.7	77.7	53.2	34.4	17.0	3.5	62.6	282
TOTALS		100.0	98.1	93.1	5.2	77.2	56.1	40.7	22.2	6.5	63.1	2256

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

4

RELATIVE HUMIDITY

93971	CALLAS, TX	73-82	MAR
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%		
MAR	01	100.0	99.7	98.7	93.9	78.1	63.9	43.2	21.6	6.1	66.2	310
	07	100.0	99.7	99.7	96.8	88.4	77.2	55.5	31.3	9.4	71.0	310
	13	100.0	100.0	99.7	98.7	93.9	82.3	62.6	39.0	10.6	74.4	310
	19	100.0	100.0	99.4	94.5	81.6	62.6	45.5	22.9	7.1	67.0	310
	01	99.7	97.4	83.2	69.0	50.6	32.9	20.3	9.7	3.9	52.2	310
	07	100.0	92.6	72.6	53.9	37.4	24.2	13.2	6.5	2.3	46.0	310
	13	100.0	92.3	79.7	61.3	45.2	28.7	17.1	10.3	2.9	49.2	310
	19	100.0	99.7	94.5	84.2	67.1	50.6	29.4	15.5	3.9	60.0	310
TOTALS		100.0	97.7	90.9	81.5	67.9	52.3	35.9	19.6	5.8	60.8	2480

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

4

RELATIVE HUMIDITY

3190?	DALLAS, T	73-97	APR
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%		
APR	01	100.0	100.0	99.7	97.3	86.7	67.7	46.3	20.0	3.0	67.3	300
	07	100.7	100.0	100.0	99.3	93.3	79.7	58.3	29.3	4.0	72.0	300
	01	100.0	100.0	100.0	99.7	95.7	86.0	71.3	38.0	5.3	75.5	300
	13	100.0	99.7	98.3	91.7	76.7	64.3	42.7	18.0	2.3	64.6	300
	19	100.0	98.3	87.7	70.3	53.7	35.0	18.7	6.3	1.0	52.8	300
	17	100.0	95.7	82.3	63.7	45.3	25.7	13.3	4.3	1.3	48.8	300
	19	99.7	97.0	86.7	67.7	49.7	31.0	18.0	6.0	2.0	51.3	300
	21	100.0	99.7	97.0	89.0	74.3	53.3	35.3	14.3	1.7	62.3	300
TOTALS		100.0	98.3	94.0	84.3	71.9	55.3	37.9	17.0	2.6	61.8	2400

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
3990[illegible]	DALLAS, TX	73-82	MAY

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%		
MAY	[illegible]	100.0	100.0	100.0	100.0	98.1	89.7	63.2	27.1	1.9	73.3	310
	[illegible]	100.0	100.0	100.0	100.0	99.0	95.2	81.0	40.3	2.6	77.5	310
	[illegible]	100.0	100.0	100.0	100.0	99.7	97.1	88.7	59.4	9.7	81.0	310
	[illegible]	100.0	100.0	99.7	98.4	90.6	75.4	43.0	12.9	1.9	67.9	309
	[illegible]	100.0	99.7	97.4	88.7	70.0	35.2	15.8	5.2	.6	56.8	310
	[illegible]	100.0	99.7	94.5	91.0	48.1	25.8	11.6	4.5	1.0	52.1	310
	[illegible]	100.0	99.7	95.5	85.5	63.5	32.9	14.5	5.5	1.9	55.3	310
	[illegible]	100.0	100.0	100.0	98.7	92.9	73.9	37.4	14.5	1.3	67.3	310
TOTALS		100.0	99.9	98.4	94.0	82.7	65.7	44.8	21.2	2.6	66.4	2479

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

4

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]1	DALLAS, TX	73-12	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	03	100.0	100.0	100.0	100.0	96.7	76.0	40.7	12.7	1.7	68.0	300
	06	100.0	100.0	100.0	100.0	100.0	93.0	69.0	25.7	1.7	78.5	300
	09	100.0	100.0	100.0	100.0	100.0	99.3	88.0	44.3	5.0	79.1	300
	12	100.0	100.0	100.0	99.0	88.7	65.0	23.0	7.0	.7	63.6	300
	15	100.0	100.0	99.0	83.7	52.0	20.0	6.7	2.0	.3	51.6	300
	18	100.0	99.7	95.0	67.7	31.0	11.3	4.3	2.3	.3	46.7	300
	21	100.0	99.7	95.7	75.7	38.3	16.0	7.7	1.3	.3	49.2	300
	24	100.0	100.0	100.0	98.3	82.0	49.3	20.7	6.7	.3	61.3	300
TOTALS		100.0	99.9	98.7	90.6	73.5	53.7	32.5	12.8	1.3	61.8	2400

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]1901	DALLAS, TX	73-82	JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	[illegible]	100.0	100.0	100.0	[illegible]8.7	91.2	51.8	23.9	10.4	1.6	62.6	3[illegible]9
	[illegible]	100.0	100.0	100.0	100.0	96.1	70.3	45.2	13.9	1.6	68.2	310
	[illegible]	100.0	100.0	100.0	100.0	98.7	89.7	60.0	27.7	3.6	73.2	310
	[illegible]	100.0	100.0	99.7	96.5	75.8	41.0	15.2	4.5	.6	58.6	310
	12	100.0	99.7	92.9	62.6	28.7	9.0	2.9	1.9	.6	45.2	310
	15	100.0	99.0	78.4	45.2	19.4	7.7	5.2	1.9	1.3	41.2	310
	18	100.0	99.7	89.0	54.2	23.9	13.9	9.0	4.5	.6	45.0	310
	[illegible]1	100.0	100.0	100.0	92.6	58.4	35.2	14.8	6.5	1.3	56.2	310
TOTALS		100.0	99.8	95.0	81.2	60.2	39.8	22.0	8.9	1.3	56.3	2479

OCEANAV–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	DALLAS, TX	73-[illegible]	AUG

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	[illegible]	100.0	100.0	100.0	96.8	83.9	55.5	23.2	6.1	1.3	62.1	310
	[illegible]	100.0	100.0	100.0	99.4	93.5	75.8	47.4	11.6	.3	66.2	310
	[illegible]	100.0	100.0	100.0	100.0	97.4	89.4	69.0	24.5	1.6	73.9	310
	[illegible]	100.0	100.0	100.0	96.8	96.8	51.3	15.2	4.5	1.9	68.9	310
	[illegible]	100.0	100.0	98.3	67.4	29.0	10.3	4.8	2.3	.6	46.7	310
	[illegible]	100.0	99.4	84.8	43.5	13.2	6.8	2.6	1.0	.6	40.7	310
	[illegible]	100.0	99.7	91.0	56.5	23.2	12.6	4.5	1.3	.3	44.4	310
	[illegible]	100.0	100.0	99.4	92.3	66.4	31.9	9.4	2.6	.3	55.8	310
TOTALS		100.0	99.9	96.3	81.6	61.3	41.7	22.3	6.7	.9	56.6	2485

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION: [illegible] DALLAS, TX (STATION NAME) — PERIOD: 73-[illegible] — MONTH: [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	[illegible]	100.0	[illegible]	[illegible]	64.3	[illegible]	[illegible]	[illegible]	67.4	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	95.7	79.7	[illegible]	[illegible]	9.7	72.8	[illegible]
	[illegible]	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	69.7	[illegible]	[illegible]	76.9	[illegible]
	[illegible]	100.0	100.0	100.0	[illegible]	85.7	62.7	34.3	16.7	4.3	65.7	[illegible]
	[illegible]	100.0	100.0	95.7	[illegible]	46.7	24.3	13.7	8.7	[illegible]	51.4	[illegible]
	[illegible]	[illegible]	99.7	64.3	53.7	31.7	19.3	10.7	5.3	1.7	46.1	[illegible]
	[illegible]	100.0	100.0	92.3	70.3	40.7	26.3	13.3	7.0	[illegible]	52.5	[illegible]
	[illegible]	100.0	100.0	100.0	[illegible]	73.7	[illegible]	25.[illegible]	13.[illegible]	3.7	61.4	[illegible]
TOTALS		[illegible]	100.0	96.5	86.1	[illegible]	51.4	33.1	17.4	[illegible]	61.6	[illegible]

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] [illegible], TX — [illegible] — OCT

STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	100.0	99.7	94.8	84.8	67.6	43.7	25.2	5.2	66.8	310
		100.0	100.0	100.0	98.4	89.7	76.5	51.3	29.4	11.0	71.5	310
		100.0	100.0	100.0	99.4	94.2	84.2	64.8	32.9	14.8	75.8	310
		100.0	100.0	99.4	93.2	77.7	57.1	36.1	17.7	6.8	64.7	310
		100.0	96.1	82.6	62.6	41.0	25.8	13.9	7.7	2.6	48.9	310
		100.0	92.3	74.2	48.4	31.6	17.4	11.0	5.5	1.0	43.9	310
		100.0	98.7	87.1	67.4	44.2	30.0	17.7	7.7	1.3	51.1	310
		100.0	100.0	99.4	90.0	72.9	58.3	32.9	15.5	2.6	61.4	310
TOTALS		100.0	98.4	92.6	81.8	67.1	50.5	33.9	17.7	5.7	61.5	2480

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION: [illegible] | STATION NAME: DALLAS, TX | PERIOD: 73-82 | MONTH: NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	[illegible]	100.0	100.0	99.7	96.7	85.0	70.3	51.7	24.0	8.3	69.3	300
	[illegible]	100.0	100.0	99.3	97.3	92.0	78.7	64.0	33.7	13.3	73.6	300
	[illegible]	100.0	100.0	99.7	98.3	94.7	83.7	70.3	40.0	16.0	76.1	300
	[illegible]	100.0	99.7	98.3	97.0	88.0	71.0	52.3	29.7	9.7	72.4	300
	12	100.0	99.0	90.3	67.7	49.0	36.3	24.0	11.0	3.0	53.5	300
	15	100.0	96.3	77.7	53.7	40.0	25.3	18.0	6.7	2.3	47.8	300
	18	100.0	99.3	92.7	74.0	58.7	40.0	23.7	11.0	4.0	56.1	300
	21	100.0	100.0	99.7	93.3	78.0	60.7	36.3	19.0	4.7	65.0	300
TOTALS		100.0	99.3	94.7	84.8	73.7	54.3	42.5	21.8	7.5	64.0	2400

NAVAL WEATHER SERVICE DETACHMENT
4 ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3990 1	DALLAS, TX	73-82	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00	100.0	100.0	98.4	93.2	79.7	62.6	43.2	19.0	5.5	65.7	310
	03	100.0	99.7	98.7	95.5	86.8	70.3	51.3	29.0	9.1	69.5	310
	06	100.0	100.0	99.0	97.1	91.3	77.7	58.4	29.0	10.0	71.9	310
	09	100.0	100.0	98.4	95.8	83.2	68.1	50.0	26.1	8.1	68.9	310
	12	100.0	97.4	85.5	69.4	50.6	30.6	19.0	8.7	1.6	51.9	310
	15	100.0	91.9	70.3	54.5	34.2	22.3	14.2	7.4	1.6	45.2	310
	18	100.0	96.8	89.0	71.8	49.9	33.0	19.7	9.4	2.6	53.0	309
	21	100.0	99.4	96.8	89.6	69.3	50.8	30.1	13.6	2.6	61.0	309
TOTALS		100.0	98.2	92.0	83.4	68.1	51.9	35.7	17.8	5.0	60.9	2478

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	DALLAS, TX	73-82	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.3	98.6	95.8	73.7	58.6	42.5	27.8	9.4	64.7	2480
FEB		100.0	98.1	93.1	85.2	73.2	56.1	40.7	22.2	6.5	63.1	2256
MAR		100.0	97.7	90.9	81.5	67.9	52.3	35.9	19.6	5.8	60.8	2480
APR		100.0	98.8	94.3	84.8	71.9	55.3	37.9	17.3	2.6	61.8	2400
MAY		100.0	99.9	98.4	94.0	82.7	65.7	44.4	21.2	3.6	66.4	2479
JUN		100.0	99.9	98.7	90.6	73.4	53.7	32.5	12.9	1.3	61.8	2400
JUL		100.0	99.8	95.0	81.2	60.2	39.8	22.0	8.9	1.3	56.3	2479
AUG		100.0	99.9	96.3	81.6	61.9	41.7	22.0	6.7	.9	56.6	2480
SEP		100.0	100.0	96.5	86.1	70.2	51.4	33.1	17.4	5.6	61.6	2400
OCT		100.0	98.4	92.8	81.8	67.1	50.5	33.9	17.7	5.7	60.5	2480
NOV		100.0	99.3	94.7	84.9	73.2	58.3	42.5	21.8	7.5	64.0	2400
DEC		100.0	98.2	92.0	83.4	68.1	51.9	35.7	17.8	5.0	60.9	2478
TOTALS		100.0	99.1	94.8	85.0	70.3	52.9	35.3	17.6	4.5	61.5	29212

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

3991 (STATION) DALLAS, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (MONTH) (HOURS LOCAL)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81					77.8	22.2				9	.4
72 TO 76	5.0				60.0	15.0	10.0	5.0	5.0	20	.8
67 TO 71		1.4	4.1	5.5	57.5	16.4	6.8	2.7	5.5	73	2.9
62 TO 66	7.4	3.3	1.6	6.6	41.8	15.6	8.2	5.7	9.8	122	4.9
57 TO 61	8.4	3.9	1.1	9.5	41.3	17.3	6.1	3.4	8.9	179	7.2
52 TO 56	13.2	5.9	3.7	7.3	35.2	11.0	3.7	8.7	11.4	219	8.8
47 TO 51	20.6	6.4	1.9	8.6	25.8	8.6	5.6	12.0	10.5	267	10.8
42 TO 46	23.0	6.2	3.8	8.6	22.1	6.8	4.4	9.7	15.3	339	13.7
37 TO 41	20.7	6.5	10.1	7.3	14.6	8.1	5.3	11.6	15.9	397	16.0
32 TO 36	27.0	16.8	7.5	5.7	7.8	6.3	.9	11.4	16.5	333	13.4
27 TO 31	39.5	10.3	9.1	4.7	6.7	5.1	1.2	11.9	11.5	253	10.2
22 TO 26	54.2	3.9	2.0		10.5	3.9	1.3	15.7	8.5	153	6.2
17 TO 21	57.5	8.8	1.3	1.3	5.0	2.5	2.5	12.5	8.8	80	3.2
12 TO 16	27.6	3.4		3.4		17.2		41.4	6.9	29	1.2
7 TO 11	66.7							16.7	16.7	6	.2
2 TO 6					100.0					1	.0
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 AND											
TOTALS	24.2	7.5	5.0	6.4	21.3	8.7	3.9	10.5	12.4	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] STATION | DALLAS, TX STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | FEBRUARY MONTH | [illegible] HOUR (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91						100.0				2	.1
82 TO 86					14.3	14.3	71.4			7	.3
77 TO 81			5.4	2.7	45.9	29.7	8.1	2.7	5.4	37	1.6
72 TO 76	1.4		1.4	4.2	55.6	19.4	6.9	5.6	5.6	72	3.2
67 TO 71	1.7		.9	4.3	63.8	15.5	7.8	4.3	1.7	116	5.1
62 TO 66	7.3	2.8	3.9	7.3	53.6	11.2	6.1	5.?	2.8	179	7.9
57 TO 61	10.8	5.4	1.3	8.1	45.3	9.4	6.3	5.4	8.1	223	9.9
52 TO 56	14.3	2.5	5.3	8.2	34.4	11.5	6.1	10.2	7.4	244	10.8
47 TO 51	16.6	4.0	7.6	10.5	21.3	10.1	6.5	14.1	9.4	277	12.3
42 TO 46	22.7	6.5	6.9	12.0	15.8	7.2	3.1	17.5	8.2	291	12.9
37 TO 41	23.8	9.6	4.2	7.7	17.4	7.1	2.9	15.4	11.9	311	13.8
32 TO 36	31.5	10.6	5.1	7.5	10.6	8.3	3.1	12.2	11.?	254	11.3
27 TO 31	42.4	5.6	7.6	4.2	3.5	12.5	1.4	13.2	9.7	144	6.4
22 TO 26	46.7	10.7	1.3	5.3	1.3	2.7	1.3	17.3	13.3	75	3.3
17 TO 21	71.4					7.1		7.1	14.3	14	.6
12 TO 16	44.4							33.3	22.2	9	.4
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											
-63 & COLDER											
TOTALS	20.0	5.6	4.7	7.8	26.8	10.1	4.8	11.6	8.6	2256	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

(877 1) STATION | DALLAS, TX STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | MARCH 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					100.0					2	.1
87 TO 91					75.0		25.0			4	.2
82 TO 86	8.0			4.0	60.0	12.0	12.0	4.0		25	1.3
77 TO 81	3.6	.9	2.7	4.5	56.8	15.3	11.7	2.7	1.8	111	4.5
72 TO 76	5.6	.5	2.6	8.2	57.1	12.8	7.7	4.1	1.5	196	7.9
67 TO 71	5.2	1.0	4.2	13.9	53.5	10.0	5.5	5.2	1.6	310	12.5
62 TO 66	7.6	4.2	7.9	14.7	43.7	8.1	4.2	5.0	4.7	382	15.4
57 TO 61	15.9	5.8	7.9	14.6	29.4	8.7	5.3	6.3	6.1	378	15.2
52 TO 56	18.8	6.7	7.7	14.4	21.4	9.3	4.9	10.1	6.7	388	15.6
47 TO 51	22.9	8.1	10.6	10.6	11.6	8.5	3.9	13.4	10.6	284	11.5
42 TO 46	31.3	13.5	13.5	1.6	5.2	7.3	4.2	9.9	13.5	192	7.7
37 TO 41	32.5	8.1	7.3	2.4	8.1	8.9	1.6	14.6	16.3	123	5.0
32 TO 36	46.3	1.9			7.4	7.4	1.9	16.7	18.5	54	2.2
27 TO 31	57.1	9.5			9.5		4.8	9.5	9.5	21	.8
22 TO 26	100.0									8	.3
17 TO 21	100.0									2	.1
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LOW											
TOTALS	16.4	5.3	7.1	10.8	31.5	9.2	5.1	7.9	6.7	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

3703 (STATION) DALLAS, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) APRIL (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					100.0					1	.0
87 TO 91	7.7		7.7	7.7	46.2	15.4		15.4		13	.5
82 TO 86	2.4	1.2	3.6	8.3	65.5	7.1	7.1	4.8		84	3.5
77 TO 81	3.3	1.7	.8	14.1	57.3	8.7	5.0	5.0	4.1	241	10.0
72 TO 76	7.0	2.5	2.3	18.5	53.9	7.8	2.3	3.3	2.5	399	16.6
67 TO 71	7.5	3.4	7.3	15.7	46.6	5.8	2.6	6.3	4.8	496	20.7
62 TO 66	16.5	7.6	9.4	18.3	27.2	6.6	.8	6.6	6.9	393	16.4
57 TO 61	18.3	10.7	7.6	12.2	19.6	8.3	2.4	8.0	12.8	327	13.6
52 TO 56	19.5	8.2	13.0	8.2	11.3	8.2	3.5	11.3	16.9	231	9.6
47 TO 51	19.1	2.9	10.3	5.9	5.1	14.0	8.1	20.6	14.0	136	5.7
42 TO 46	23.6	10.9		9.1	7.3	9.1	7.3	23.6	9.1	55	2.3
37 TO 41	17.6					17.6	5.9	47.1	11.8	17	.7
32 TO 36	16.7				16.7		33.3	33.3		6	.3
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											
-59 & LWR											
TOTALS	12.0	5.3	6.5	14.1	35.6	7.8	3.2	8.5	7.4	2410	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

723 1 (STATION) DALLAS, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (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				100.0						1	.0
92 TO 96	4.8		4.8	14.3	71.4	4.8				21	.8
87 TO 91	1.4	1.4	3.4	17.6	64.9	6.8	2.0	2.0	.7	148	6.0
82 TO 86	3.9	3.3	4.9	16.3	56.2	4.9	3.6	2.3	4.6	306	12.3
77 TO 81	6.8	4.2	5.9	21.4	48.8	3.8	1.9	2.5	4.5	471	19.0
72 TO 76	7.7	4.2	7.7	16.6	47.9	5.9	2.2	2.6	5.2	543	21.9
67 TO 71	11.8	8.2	8.2	14.8	28.7	7.6	2.1	6.3	12.2	474	19.1
62 TO 66	16.5	6.3	8.8	12.3	16.5	8.1	3.2	11.2	17.2	285	11.5
57 TO 61	28.4	7.8	7.1	5.7	8.5	7.1	1.4	17.7	16.3	141	5.7
52 TO 56	31.7	8.3	3.3		3.3	10.0	10.0	20.0	13.3	60	2.4
47 TO 51	8.0	4.0			8.0	12.0	16.0	28.0	24.0	25	1.0
42 TO 46	25.0								75.0	4	.2
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.2	5.2	6.7	15.5	39.2	6.2	2.7	5.7	8.5	2479	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

3990 1 (STATION) DALLAS, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JUNE (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					50.0	50.0				4	.2
102 TO 106					58.3	16.7	16.7		8.3	12	.5
97 TO 101	4.3		2.2	15.2	58.7	8.7	8.7		2.2	46	1.9
92 TO 96	1.0	1.0	.5	7.6	77.6	8.1	2.9	1.0	.5	210	8.8
87 TO 91	2.8	2.1	6.5	11.1	66.1	6.7	1.0	1.0	2.6	386	16.1
82 TO 86	4.5	5.1	7.3	15.5	54.6	9.0	.4	1.4	2.2	491	20.5
77 TO 81	6.0	4.3	7.8	14.0	52.0	8.7	.7	1.4	5.0	563	23.5
72 TO 76	7.8	8.5	10.6	17.5	32.8	9.4	1.4	2.8	9.2	424	17.7
67 TO 71	17.9	7.0	12.4	11.4	17.4	8.5	3.0	6.0	16.4	201	8.4
62 TO 66	22.2	7.4	1.9	9.3	7.4	13.0	5.6	5.6	27.8	54	2.3
57 TO 61	55.6					22.2			22.2	9	.4
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	6.5	4.7	7.4	13.5	49.7	8.8	1.5	2.0	5.9	2600	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

(3903) DALLAS, TX — JANUARY 1973-DECEMBER 1982 — JULY

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111			40.0		20.0		20.0		20.0	5	.2
102 TO 106			11.3	17.7	54.8	6.5	3.2		6.5	62	2.5
97 TO 101	2.4	3.8	7.1	23.3	50.5	5.7	1.0	1.0	5.2	210	8.5
92 TO 96	2.1	3.4	7.3	17.1	53.3	8.7	2.6	1.8	3.7	381	15.4
87 TO 91	3.1	3.6	7.3	21.1	42.7	11.1	4.4	2.4	4.2	450	18.2
82 TO 86	2.3	2.3	6.8	16.0	50.6	14.8	1.0	.6	5.6	514	20.7
77 TO 81	3.1	3.1	7.0	9.7	43.1	19.3	.9	1.7	12.1	545	22.0
72 TO 76	4.3	4.7	6.7	13.4	25.1	22.7	1.7	2.3	19.1	299	12.1
67 TO 71	7.7	7.7	7.7			53.8			23.1	13	.5
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.8	3.3	7.2	15.9	44.6	14.3	2.0	1.6	8.2	2879	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

3990 1 (STATION) DALLAS, TX (STATION NAME) 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	7.7		15.4	30.8	38.5				7.7	13	.5
97 TO 101			7.7	19.6	58.7	6.3	4.2		3.5	143	5.8
92 TO 96	1.5	3.3	7.6	21.8	54.4	6.1	.5	.5	4.3	395	15.9
87 TO 91	6.1	4.7	10.7	25.0	36.4	8.9	1.4	1.2	5.6	428	17.3
82 TO 86	3.8	3.8	9.4	20.5	43.1	11.2	1.3	1.3	5.8	555	22.4
77 TO 81	5.4	4.3	7.4	14.7	41.3	13.6	1.8	.9	10.5	552	22.3
72 TO 76	6.9	4.5	9.6	13.1	26.9	14.6	1.2	1.5	21.8	335	13.5
67 TO 71	11.1	11.1	14.8	7.4	3.7	9.3	1.9	7.4	33.3	54	2.2
62 TO 66	40.0		20.0						40.0	5	.2
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.6	4.0	9.0	18.9	41.1	10.6	1.5	1.1	9.3	2440	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] DALLAS, TX — JANUARY 1973-DECEMBER 1982 — SEPTEMBER

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106								100.0		1	.0
97 TO 101	5.4		10.8	10.8	40.5	21.6			10.8	37	1.5
92 TO 96	1.4	4.9	9.7	17.2	44.1	13.8	.7	2.1	6.2	145	6.0
87 TO 91	5.9	6.6	11.7	26.6	37.5	3.1	.8	1.6	6.3	256	10.7
82 TO 86	8.1	6.8	12.2	17.7	37.1	9.6	.3	1.9	6.5	385	16.0
77 TO 81	8.4	9.2	9.8	17.0	37.0	6.3	.4	1.4	10.4	489	20.4
72 TO 76	16.8	7.9	8.9	15.8	22.9	7.9	.8	2.2	16.6	506	21.1
67 TO 71	28.1	17.4	9.6	8.9	12.8	.7	2.1	4.3	16.0	281	11.7
62 TO 66	33.1	11.3	8.6	4.0	9.3	3.3	1.3	8.6	20.5	151	6.3
57 TO 61	44.1	18.6	5.9	2.0	3.9	2.0	5.9	5.9	11.8	102	4.3
52 TO 56	22.2	13.9	5.6		5.6	2.8		13.9	36.1	36	1.5
47 TO 51	18.2	9.1			9.1	18.2			45.5	11	.5
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.0	9.4	9.8	15.0	28.0	6.5	1.0	2.9	12.3	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

DFW / DALLAS, TX (STATION / STATION NAME) — JANUARY 1973-DECEMBER 1982 (YEARS) — OCTOBER (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						33.3	66.7			3	.1
92 TO 96	10.5		10.5		52.6	15.8	10.5			19	.8
87 TO 91	6.6	1.6	4.9	16.4	39.3	16.4	3.3	3.3	8.2	61	2.5
82 TO 86	3.5	4.1	5.9	11.8	54.7	10.6	3.5	1.2	4.7	170	6.9
77 TO 81	5.3	2.5	6.3	21.7	45.3	6.9	3.5	1.9	6.6	318	12.8
72 TO 76	7.9	5.8	7.1	15.0	47.2	7.1	1.8	3.1	5.0	381	15.4
67 TO 71	10.3	7.0	7.7	14.5	36.4	11.2	1.4	2.8	8.9	429	17.3
62 TO 66	15.1	5.7	6.7	14.3	23.0	8.9	1.0	5.9	19.5	405	16.3
57 TO 61	20.8	6.4	7.8	9.2	12.4	9.2	3.5	9.9	20.8	283	11.4
52 TO 56	23.2	7.7	2.9	4.8	10.1	13.0	3.9	8.2	26.1	207	8.3
47 TO 51	30.3	10.9	5.0	3.4	2.5	5.9	4.2	6.7	31.1	119	4.8
42 TO 46	27.9	7.4	7.4		1.5	14.7	5.9	4.4	30.9	68	2.7
37 TO 41	6.7				13.3	26.7		13.3	40.0	15	.6
32 TO 36									100.0	1	.0
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											
-56 TO -54											
-59 & LWR											
TOTALS	13.2	5.3	6.5	12.7	30.7	9.6	2.7	4.7	14.1	2687	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

(72) (1) (STATION) DALLAS, TX (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEAR) 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									100.0	1	.0
82 TO 86	4.3			13.0	34.8	30.4	8.7		8.7	23	1.0
77 TO 81	2.7	1.4	1.4	9.5	51.4	12.2	5.4	4.1	12.2	74	3.1
72 TO 76	6.7		1.2	10.4	62.8	7.9	4.9	1.6	4.3	164	6.8
67 TO 71	4.9	2.3	3.4	12.0	52.6	9.4	3.8	5.3	6.4	266	11.1
62 TO 66	10.2	3.3	3.9	11.8	39.8	11.5	4.6	5.6	9.2	304	12.7
57 TO 61	15.1	4.9	4.0	12.0	29.7	8.6	4.6	7.4	13.7	350	14.6
52 TO 56	17.5	6.8	7.3	11.8	19.2	7.0	3.4	11.0	16.1	355	14.8
47 TO 51	27.5	6.9	6.9	5.7	16.6	8.3	2.9	11.2	14.0	349	14.5
42 TO 46	30.4	7.8	3.1	2.7	7.0	6.6	5.1	17.9	19.5	257	10.7
37 TO 41	32.2	3.4		1.4	1.4	8.9	4.1	22.6	26.0	146	6.1
32 TO 36	53.3	5.3	2.7	1.3	2.7	12.0	6.7	13.3	22.7	75	3.1
27 TO 31	26.9					30.8		26.9	15.4	26	1.1
22 TO 26	25.0					25.0		37.5	12.5	8	.3
17 TO 21						100.0				1	.0
12 TO 16						100.0				1	.0
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LESS											
TOTALS	17.8	4.6	4.1	8.7	27.6	9.3	4.2	10.0	13.7	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

(TS-1) DALLAS, TX — JANUARY 1973-DECEMBER 1982 — DECEMBER

STATION — STATION NAME — YEAR — 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							100.0			1	.0
82 TO 86						100.0				3	.1
77 TO 81					46.2	38.5	7.7	7.7		13	.5
72 TO 76	2.1				57.4	23.4	12.8	4.3		47	1.9
67 TO 71	2.0			5.0	55.0	21.0	9.0	5.0	3.0	100	4.0
62 TO 66	4.3	.5	1.0	3.4	64.9	11.1	7.7	4.8	2.4	208	8.4
57 TO 61	10.1	2.8	4.0	8.1	42.3	10.9	7.3	5.6	8.9	248	10.0
52 TO 56	10.9	4.6	2.6	8.6	37.4	12.3	3.3	8.9	11.3	302	12.2
47 TO 51	16.0	3.4	5.2	10.3	26.0	9.8	6.4	11.9	11.1	389	15.7
42 TO 46	23.6	7.2	5.4	9.3	17.8	10.0	4.2	9.8	12.6	429	17.3
37 TO 41	28.6	3.8	4.7	7.6	9.6	8.7	5.2	14.9	16.9	343	13.8
32 TO 36	37.4	4.0	.4	4.4	6.2	12.3	2.2	15.4	17.6	227	9.2
27 TO 31	40.0	3.5		1.7	7.8	17.4	5.2	14.8	9.6	115	4.6
22 TO 26	42.2	8.9	2.2			15.6	2.2	20.0	8.9	45	1.8
17 TO 21	71.4					14.3			14.3	7	.3
12 TO 16	100.0									2	.1
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
-68 & UP											
TOTALS	14.7	3.9	3.3	7.1	27.2	11.5	5.4	15.5	11.1	2477	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] DALLAS, TX — JANUARY 1973-DECEMBER 1982 — ALL

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111			22.2		33.3	22.2	11.1		11.1	9	.0
102 TO 106	1.1		10.2	17.0	52.3	6.8	4.5	1.1	6.8	88	.3
97 TO 101	2.0	1.8	7.0	20.2	52.7	7.7	3.2	.5	4.8	443	1.5
92 TO 96	1.8	3.0	6.5	16.6	57.3	8.3	1.8	1.2	3.5	1174	4.0
87 TO 91	4.2	3.7	8.2	20.0	47.3	8.3	2.2	1.9	4.3	1750	6.0
82 TO 86	4.3	4.0	7.7	16.4	48.9	10.6	1.9	1.5	4.7	2563	8.8
77 TO 81	5.4	4.2	6.6	15.0	46.2	10.7	2.2	2.3	7.8	3423	11.7
72 TO 76	8.2	4.3	6.7	14.6	40.4	10.4	2.5	2.7	9.6	3386	11.6
67 TO 71	10.4	5.9	6.9	12.5	38.1	8.9	3.3	5.1	8.9	2813	9.6
62 TO 66	13.2	5.1	6.3	11.9	33.6	9.1	3.5	6.4	10.9	2488	8.5
57 TO 61	17.2	6.6	5.4	10.2	27.2	9.3	4.7	7.5	11.8	2240	7.7
52 TO 56	17.2	6.3	6.1	9.3	23.3	9.9	4.2	10.2	13.4	2042	7.0
47 TO 51	21.0	5.9	6.5	8.3	17.9	9.3	5.3	12.8	13.1	1856	6.4
42 TO 46	25.5	7.8	5.8	7.3	14.1	8.1	4.3	12.7	14.4	1634	5.6
37 TO 41	25.5	6.2	5.6	6.2	11.8	8.5	4.2	15.2	16.6	1352	4.6
32 TO 36	32.2	10.2	4.3	5.2	7.8	8.7	2.5	13.2	15.9	950	3.3
27 TO 31	40.3	7.1	6.1	3.6	5.9	10.5	2.1	13.5	10.9	561	1.9
22 TO 26	50.9	6.2	1.7	1.4	5.9	5.9	1.4	17.0	9.7	289	1.0
17 TO 21	50.6	6.7	1.0	1.0	3.8	4.8	1.9	13.6	9.6	104	.4
12 TO 16	35.7	2.4		2.4		14.3		35.7	9.5	42	.1
7 TO 11	57.1							14.3	28.6	7	.0
2 TO 6					100.0					1	.0
-3 TO -1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 +											
TOTALS	13.5	5.4	6.5	12.2	33.7	9.4	3.2	6.3	9.9	29212	100.0

NAVWEASERVCOM

NOCD, Federal Building
Asheville, N. C.

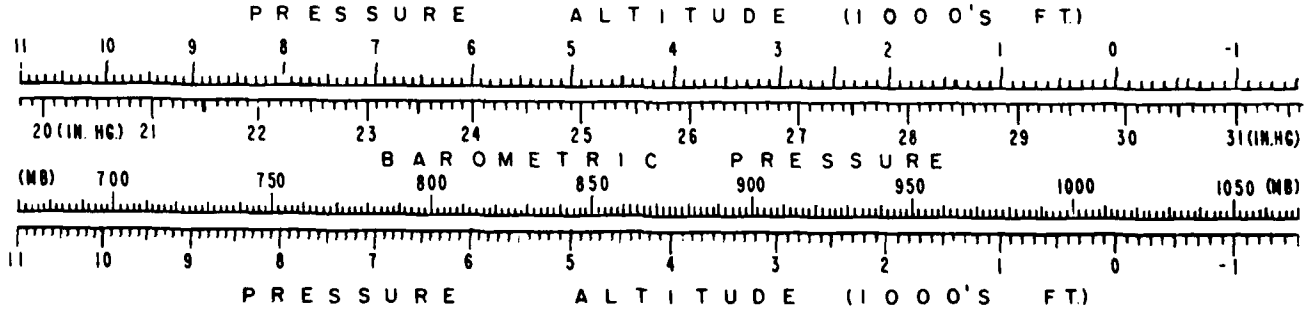
PART F PRESSURE SUMMARY

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

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

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



F

4

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93901 (STATION) DALLAS, TX (STATION NAME) 73-92 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1021.3	1020.1	1014.8	1014.9	1012.2	1013.5	1014.7	1015.0	1015.2	1017.6	1019.2	1019.9	1016.5
	S. D.	8.148	7.849	7.128	6.006	4.950	3.961	2.534	2.560	4.173	5.580	6.878	7.899	6.578
	TOTAL OBS	310	282	310	300	310	299	309	310	300	310	300	310	3650
04	MEAN	1021.0	1019.8	1014.5	1014.6	1011.9	1013.3	1014.6	1014.9	1015.1	1017.5	1019.0	1019.7	1016.3
	S. D.	8.337	7.914	7.150	6.139	4.992	4.054	2.582	2.545	4.176	5.628	6.923	7.992	6.641
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
07	MEAN	1021.2	1020.2	1015.1	1015.3	1012.7	1014.2	1015.4	1015.7	1015.8	1018.3	1019.4	1019.7	1016.9
	S. D.	8.349	7.815	7.243	6.260	4.988	4.016	2.623	2.575	4.184	5.727	6.995	8.155	6.558
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
10	MEAN	1022.6	1021.5	1016.4	1016.4	1013.8	1015.2	1016.4	1016.7	1016.9	1019.6	1020.8	1021.1	1018.1
	S. D.	8.403	7.956	7.379	6.309	5.068	4.112	2.628	2.579	4.256	5.844	7.046	8.255	6.713
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
13	MEAN	1022.3	1021.2	1016.0	1015.9	1013.2	1014.7	1015.8	1016.1	1016.3	1018.8	1020.0	1020.5	1017.5
	S. D.	8.330	8.002	7.337	6.355	5.046	4.026	2.594	2.629	4.251	5.790	7.133	8.297	6.726
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.8	1018.8	1013.6	1013.9	1011.5	1012.9	1014.0	1014.0	1014.1	1016.5	1017.8	1018.3	1015.4
	S. D.	8.304	7.833	7.225	6.263	4.969	4.009	2.599	2.610	4.306	5.734	7.116	8.194	6.591
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1020.1	1018.7	1013.1	1013.1	1010.6	1011.8	1013.0	1013.1	1013.8	1016.4	1018.0	1018.6	1015.0
	S. D.	8.194	7.745	7.214	6.177	4.874	3.975	2.570	2.621	4.291	5.702	6.998	7.920	6.710
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	1021.0	1019.7	1014.3	1014.4	1011.7	1012.7	1013.9	1014.3	1015.0	1017.5	1019.0	1019.7	1016.1
	S. D.	8.303	7.641	7.162	6.051	4.802	4.047	2.552	2.644	4.242	5.660	6.992	7.806	6.663
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	309	3650
ALL HOURS	MEAN	1021.2	1020.0	1014.7	1014.8	1012.2	1013.5	1014.7	1015.0	1015.3	1017.8	1019.1	1019.7	1016.5
	S. D.	8.333	7.890	7.296	6.266	5.046	4.151	2.788	2.819	4.342	5.790	7.061	8.100	6.721
	TOTAL OBS	2480	2256	2480	2400	2479	2396	2479	2480	2400	2480	2400	2478	29208

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93901	DALLAS, TX	73-82
STATION	STATION NAME	YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	29.642	29.610	29.464	29.472	29.397	29.437	29.473	29.481	29.486	29.550	29.589	29.[illegible]4	29.517
	S. D.	.232	.222	.204	.173	.143	.117	.075	.076	.119	.159	.196	.226	.186
	TOTAL OBS	310	282	310	300	310	299	309	310	300	310	300	310	3650
[illegible]	MEAN	29.634	29.600	29.454	29.461	29.387	29.430	29.470	29.479	29.481	29.547	29.583	29.598	29.510
	S. D.	.237	.224	.205	.176	.144	.119	.076	.076	.119	.161	.197	.229	.188
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
[illegible]	MEAN	29.637	29.611	29.470	29.479	29.408	29.456	29.494	29.501	29.530	29.568	29.594	29.598	29.526
	S. D.	.237	.222	.207	.180	.144	.118	.077	.076	.120	.164	.199	.233	.187
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
[illegible]	MEAN	29.677	29.650	29.509	29.513	29.440	29.485	29.522	29.530	29.534	29.605	29.633	29.637	29.561
	S. D.	.240	.226	.211	.181	.147	.119	.079	.076	.121	.166	.201	.236	.190
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1[illegible]	MEAN	29.671	29.643	29.496	29.499	29.424	29.470	29.507	29.513	29.516	29.583	29.612	29.621	29.546
	S. D.	.238	.227	.210	.183	.146	.118	.076	.078	.122	.166	.204	.237	.191
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	29.600	29.573	29.427	29.442	29.375	29.420	29.454	29.453	29.454	29.518	29.548	29.557	29.485
	S. D.	.237	.222	.207	.180	.144	.118	.076	.077	.124	.165	.203	.234	.197
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	29.6[illegible]6	29.569	29.412	29.417	29.347	29.386	29.423	29.425	29.442	29.512	29.551	29.566	29.471
	S. D.	.234	.220	.206	.177	.143	.117	.076	.077	.123	.163	.200	.226	.190
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
21	MEAN	29.632	29.598	29.448	29.455	29.380	29.414	29.450	29.460	29.478	29.545	29.581	29.597	29.503
	S. D.	.237	.216	.205	.174	.139	.119	.076	.079	.121	.162	.200	.223	.188
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	309	3650
ALL HOURS	MEAN	29.637	29.607	29.460	29.467	29.395	29.437	29.474	29.480	29.486	29.554	29.586	29.597	29.515
	S. D.	.237	.224	.209	.180	.146	.122	.082	.083	.124	.166	.202	.232	.190
	TOTAL OBS	2480	2256	2482	2400	2479	2396	2479	2480	2400	2480	2400	2478	29208

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