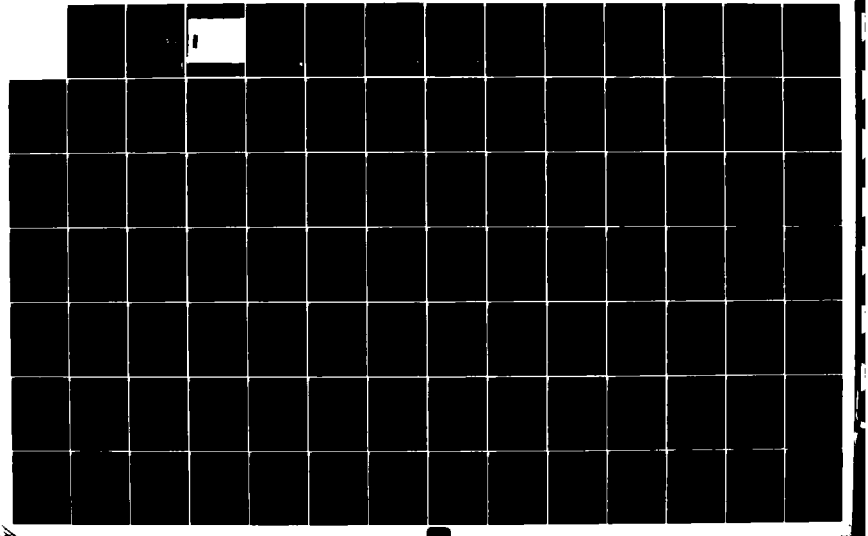
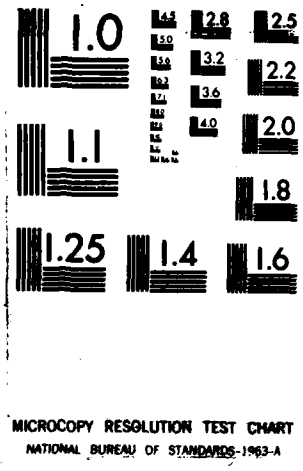
AD A150 196 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
GLENVIEW ILLINOIS(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





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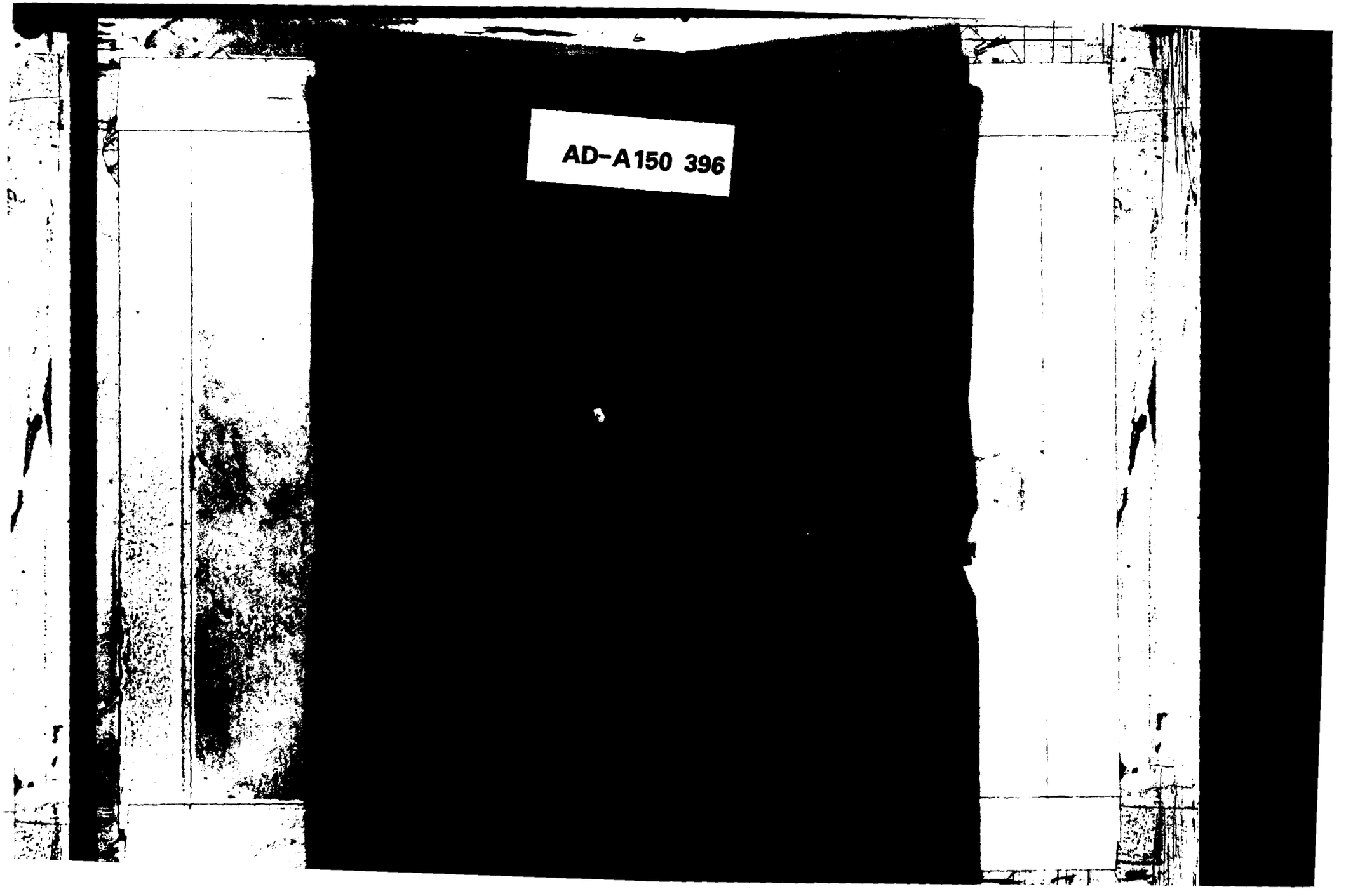
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18. SUPPLEMENTARY NOTES

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

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

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

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

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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

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

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

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



STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
14855	Glenview, Illinois	42°05'N	87°50'W	653	KNBU	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1.	Weather service office located in operations building	Navy	1948	1964	42°05'N	87°50'W	645	Mercurial	
2.	Weather service office	"	1964	1966	"	"	"	"	24
3.	" " "	"	1966	1975	"	"	"	"	24
1a.	" " "	"	1963	1972	"	"	648	Aneroid	24
2a.	" " "	"	1972		"	"	"	"	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.	1948	Roof of control tower atop operations building	Selsyn	Triple	77.8'	1. Barograph (ML-3)
2.	1954	Atop building #1, southeast corner	"	"	47.0'	2. Semi-automatic met sta (AN-GMQ-14B) 21 June 1982 and prior Automatic met sta (GMQ-29B), 22 June 1982 and after
3.	1958	Selsyn replaced by Aerovane and moved to NE section of runways 17-35 and 07-25, 3000'N of weather office	UMQ-5C	RD-108B	18.0'	3. Ceiling light (ML-121)
4.	1975	Moved to 1030 feet ENE of weather office adjacent to taxiway, west of runway 17-35	"	"	"	4. Transmissometer (AN/GMQ-10C) 5. Radar Recorder (RO 415/GMH 6) 6. RVR computer (CV 2062/GMQ 10) 7. Cloud height set (GMQ 13C)

NOCD, Federal Building

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

3

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

1 55 | [illegible] IFW, IL | 45-7[illegible] | ALL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.[illegible]	23.[illegible]	[illegible]	48.[illegible]	.1	[illegible]	35.[illegible]	50.3	10.[illegible]		67.2	1 [illegible]
[illegible]		1.[illegible]	23.4	5.2	45.2		56.4	36.7	52.7	[illegible]	.3	63.4	[illegible]
[illegible]		[illegible]	[illegible]	2.[illegible]	[illegible]	1.[illegible]	[illegible]	39.6	48.5	[illegible]	.1	[illegible]	[illegible]
[illegible]		1[illegible].2	[illegible]	.6	10.[illegible]	1.2	[illegible]	[illegible]	45.3	.[illegible]	.[illegible]	[illegible]	[illegible]
[illegible]		1[illegible].1	[illegible]	.[illegible]	1.[illegible]	.6	[illegible]	33.[illegible]	44.4		.2	[illegible]	1 [illegible]
[illegible]		22.[illegible]	52.[illegible]			.[illegible]	46.[illegible]	34.[illegible]	54.[illegible]		.3	[illegible]	[illegible]
JUL		1[illegible].6	47.2			.[illegible]	41.[illegible]	37.[illegible]	55.[illegible]			67.[illegible]	1 [illegible]
[illegible]		1[illegible].[illegible]	42.3			.[illegible]	[illegible]	47.4	64.1			[illegible]	[illegible]
[illegible]		1[illegible].6	43.[illegible]			.6	41.[illegible]	41.[illegible]	52.2			[illegible]	[illegible]
[illegible]		[illegible].[illegible]	[illegible]		[illegible].0		38.[illegible]	36.[illegible]	48.[illegible]			[illegible]	1 [illegible]
NOV		3.3	[illegible]	.4	24.[illegible]	.3	51.2	37.9	49.3	2.2		[illegible]	[illegible]
DEC		1.4	[illegible].3	4.5	42.9	.1	58.2	41.7	49.8	4.9		65.8	1 [illegible]
TOTALS		1 .2	[illegible]	1.8	17.6	.4	[illegible].8	38.1	51.2	2.5	.1	62.3	12 [illegible]

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WEATHER CONDITIONS

14855 GLENVIEW, IL 73-82 JAN
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	00	.6	5.2	1.6	14.5		20.3	18.7	4.8	3.5		25.2	31[illegible]
	03	.3	3.2	1.0	14.2		18.1	18.4	4.5	2.3		24.2	31[illegible]
	06		3.2	1.3	15.4		19.3	19.9	4.5	2.9		26.4	31[illegible]
	09		1.3	1.6	19.3		21.2	21.5	8.4	4.2		31.8	311
	12		2.6	1.0	15.8		19.4	17.4	11.9	4.8		31.6	31[illegible]
	15		3.2	1.0	15.5		19.4	15.5	11.0	4.5		29.7	31[illegible]
	18		3.5	1.9	15.2		19.7	20.0	7.7	2.9		28.7	310
	21	.6	3.9	.6	13.9		19.1	16.5	4.8	2.9		23.2	312
TOTALS		.2	3.3	1.3	15.5		19.4	18.5	7.2	3.5		27.6	2482

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WEATHER CONDITIONS

14935 GLENVIEW, IL 73-82 FEB
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.
FEB	00		3.5	.4	12.8		16.0	13.8	5.7	.7		19.9	282
	03		3.9	1.1	14.9		19.5	17.7	5.7	.4		22.7	282
	06		3.2	1.1	17.4		21.3	22.3	6.0	1.4		29.1	282
	09		2.1		19.1		21.3	22.7	15.2	1.8		38.7	282
	12		2.5	.7	12.4		15.2	15.2	17.0	2.1		31.9	282
	15		3.2	.4	12.8		16.3	13.1	13.8	.7		27.3	282
	18		1.8	.4	11.0		13.1	13.5	14.2	.7		27.0	282
	21		3.2	.4	12.8		15.2	14.5	6.0	1.4		20.9	282
TOTALS			2.9	.6	14.2		17.2	16.6	10.5	1.2		27.2	2256

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WEATHER CONDITIONS

14-55 GLENVIEW, IL 73-82 [illegible]
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]	02		8.4	.3	7.4		15.5	17.1	4.5	.3		20.6	[illegible]
	07	.3	10.6	.6	8.1		16.4	12.4	3.9	.6		21.9	[illegible]
	05		8.4	.6	6.1		14.5	29.3	9.[illegible]	1.0		36.8	[illegible]
	07		6.5	1.0	8.1		14.9	20.0	16.5	.3		35.5	31
	10	.6	8.4	.3	5.2		13.2	15.2	13.2	.6		28.7	[illegible]
	13	.3	7.7	.3	7.1		14.5	14.5	11.6	.3		26.1	[illegible]
	16	.3	9.7		4.2		13.9	17.5	10.0	.3		26.9	[illegible]
	21	1.6	11.6		4.8		15.5	16.5	5.2			21.0	310
TOTALS		.4	8.9	.4	6.4		15.0	18.5	9.2	.4		27.2	2479

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3

WEATHER CONDITIONS

1971 2096 84321

1956 — STATION | [illegible], IL — STATION NAME | 73-82 — YEARS | APR — 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	00	1.7	11.7		2.7		12.7	9.3	3.3	.7		12.7	300
	03	1.7	12.3	.3	2.3		14.7	11.7	5.0	.3		16.7	300
	06	.3	11.3		3.3		14.7	19.7	8.3			27.0	300
	09		12.0		3.0		14.0	13.7	11.3			24.7	300
	12	.7	11.3		2.3		13.0	11.0	9.3			19.7	300
	15	2.0	11.0		2.7		12.7	8.7	9.0	.3		17.7	300
	18	2.3	12.7		1.3	.3	14.0	9.3	6.7	.7		16.3	300
	21	2.0	11.0		2.3		13.0	7.3	6.7	.7		14.3	300
TOTALS		1.3	11.6	.0	2.4	.0	13.5	11.3	7.5	.3		18.6	2400

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3

WEATHER CONDITIONS

14-55 GLENVIEW, IL 73-82 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00	1.3	7.4				7.4	12.3	6.1			17.1	310
	03	1.3	7.4				7.4	16.1	8.1			23.9	310
	06	1.0	9.4				9.4	23.9	13.5			34.5	310
	09		10.6				10.6	13.9	15.2			27.4	310
	12	.6	8.1				8.1	7.1	15.2			21.9	310
	15	1.3	8.7				8.7	7.4	9.7		.3	16.8	310
	18	1.6	9.4				9.4	9.7	7.7			16.1	310
	21	2.3	10.6				10.6	12.9	9.0			20.0	310
TOTALS		1.2	9.3				9.0	12.9	10.6		.0	22.2	2480

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3

WEATHER CONDITIONS

NAVMETOCCOM 2096-5432/

14935	GLENVIEW, IL	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	1.0	4.0				4.0	9.7	4.7			14.0	300
	03	3.3	6.3				6.3	14.0	6.3			19.3	300
	06	1.3	6.7				6.7	20.7	13.0			31.0	300
	09	2.0	6.0				6.0	10.3	17.3			27.0	300
	12	.3	5.3				5.3	3.7	14.7			18.3	300
	15	3.3	6.3				6.3	3.3	12.3			15.0	300
	18	4.3	8.3				8.3	6.0	10.7			15.7	300
	21	4.3	6.7				6.7	9.3	8.0			17.0	300
TOTALS		2.5	6.2				6.2	9.6	10.9			19.7	2400

WEATHER CONDITIONS

14655 GLENVIEW, IL 73-82 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	00	2.9	5.6				5.9	12.9	14.5			24.5	310
	03	1.6	5.2				5.2	17.7	13.9			29.4	310
	06	4.2	6.1				6.1	22.9	22.6			40.3	310
	09	1.3	5.8				5.8	7.1	25.2			31.6	310
	12	.3	3.2				3.2	4.8	22.6			25.5	310
	15	1.0	3.5				3.5	3.5	21.3			23.9	310
	18	2.3	6.5				6.5	2.9	16.8			19.4	310
	21	2.3	4.8				4.8	6.8	19.0			25.2	310
TOTALS		2.0	5.1				5.1	9.8	19.5			27.5	2980

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3

WEATHER CONDITIONS

14755 GLENVIEW, IL 73-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00	3.5	5.5				5.5	17.1	13.9			28.7	310
	03	2.9	5.5				5.5	27.7	14.2			35.8	310
	06	2.3	6.1				6.1	40.0	21.3			51.9	310
	09	1.0	10.0				10.0	12.3	30.6			40.6	310
	12	.6	6.1				6.1	5.8	25.5			30.3	310
	15	2.3	6.8				6.8	4.8	23.9			28.1	310
	18	.6	5.5				5.5	7.4	21.9			27.1	310
	21	1.6	3.9				3.9	12.3	19.4			29.0	310
TOTALS		1.9	6.2				6.2	15.9	21.3			33.9	2480

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WEATHER CONDITIONS

14755 GLENVIEW, IL 73-82 SEP
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.
SEP	00	1.7	7.3				7.3	14.0	8.3			20.0	300
	03	.7	9.0				9.0	15.0	8.7			24.7	300
	06	1.0	8.0				8.0	32.7	12.7			41.3	300
	09	.7	6.0				6.0	11.3	22.3			32.0	300
	12	.7	5.3				5.3	5.7	17.3			23.0	300
	15	1.0	8.3				8.3	6.7	14.7			20.3	300
	18	1.7	5.7				5.7	8.0	13.3			20.0	300
	21	1.0	5.3				5.3	7.3	8.7			15.3	300
TOTALS		1.1	6.9				6.9	13.1	13.3			29.6	2900

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WEATHER CONDITIONS

14455 GLENVIEW, IL 73-82 OCT
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.
OCT	00	.3	10.0				10.0	14.9	3.5			17.1	310
	03	.3	8.4				8.4	16.1	5.5			19.0	310
	06		5.8		.3		6.1	24.8	7.7			29.4	310
	09		6.1				6.1	11.9	15.5			26.1	310
	12		5.8				5.8	7.1	11.6			19.1	310
	15	.3	6.5		.3		6.5	7.4	8.4			14.8	310
	18	.3	8.4				8.4	11.0	9.7			18.4	310
	21	.6	7.7		.6		8.4	11.3	4.8			15.8	310
TOTALS		.2	7.3		.2		7.5	13.1	8.3			19.8	2480

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WEATHER CONDITIONS

14855 GLENVIEW, IL 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	00		8.7		5.3		13.7	14.0	3.3			15.7	300
	03	.7	9.7		6.7		16.3	19.0	3.3			19.7	300
	06		6.7	.3	5.7		14.0	24.0	4.7			26.3	300
	09	.3	7.3		7.0		14.0	21.0	15.0			33.7	300
	12		7.0		4.7		11.7	13.0	15.3			27.3	300
	15	.3	5.7		6.0		11.3	11.3	10.7			20.7	300
	18	.3	8.7		4.7		12.0	13.7	7.3			20.0	300
	21	.7	12.0		5.3		16.7	19.0	3.0			15.3	300
TOTALS		.3	8.5	.0	5.7		13.7	16.3	7.8			22.3	2400

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WEATHER CONDITIONS

14755 (STATION) CLEVELAND, IL (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00		9.3	.6	10.3		19.7	18.1	1.9	.6		20.6	310
	03		8.1	.3	13.5		21.6	21.9	2.3	1.0		24.2	310
	06		5.5	1.0	13.2		19.0	26.1	1.6	1.3		28.4	317
	09		3.9	.3	13.5		17.7	26.5	8.7	2.3		35.8	311
	12		4.9		14.2		18.7	22.9	11.0	1.9		34.5	317
	15		2.9	1.3	12.3		16.5	15.2	9.7	.6		24.2	311
	18		7.4	.3	10.4		17.2	18.8	8.1	1.0		25.6	309
	21	.3	7.8	1.0	8.4		16.5	15.5	2.9	.6		18.8	309
TOTALS		.0	6.2	.6	12.0		18.4	20.6	5.8	1.2		26.5	2474

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WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) ALL (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	.2	3.3	1.3	15.5		19.4	16.5	7.2	3.5		27.6	2482
FEB			2.9	.6	14.2		17.2	16.6	10.5	1.2		27.2	2256
MAR		.4	8.9	.4	6.4		15.0	18.5	9.2	.4		27.2	2479
APR		1.3	11.6	.0	2.4	.0	13.5	11.3	7.5	.3		18.6	2400
MAY		1.2	7.0				9.0	12.9	10.6		.0	22.2	2480
JUN		2.5	6.2				6.2	9.6	10.9			19.7	2400
JUL		2.0	5.1				5.1	7.8	19.5			27.5	2480
AUG		1.9	6.2				6.2	15.9	21.3			33.9	2480
SEP		1.1	6.9				6.9	13.1	13.3			24.6	2400
OCT		.2	7.3		.2		7.5	13.1	8.3			19.8	2480
NOV		.3	8.5	.0	5.7		13.7	16.3	7.8			22.3	2400
DEC		.0	6.2	.6	12.0		18.4	20.6	5.8	1.2		26.5	2478
TOTALS		.9	6.8	.2	4.7	.0	11.5	14.7	11.0	.5	.0	24.8	29215

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (MONTH) (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0		1.9	1.0		40.8			34.0		3.9	9.7		35.0
NNE	3.4					31.0			41.4		10.3	10.3		34.5
NE	4.7		2.3			48.8			30.2		4.7	20.9		30.2
ENE	10.9	2.2	4.3	2.2		34.8		2.2	41.3		15.2	8.7		28.3
E	4.3	2.1	2.1	6.4		12.8		2.1	42.6		17.0	4.3		36.2
ESE	4.3	4.3	6.4	2.1		8.5		4.3	29.8	4.3	19.1			44.7
SE	3.2	6.5		3.2					32.3		22.6			51.6
SSE	4.0	2.0	12.0	10.0		26.0		2.0	38.0	4.0	16.0			24.0
S	5.7	1.3	5.0	3.1		13.8			24.5	1.9	12.6	1.9		53.5
SSW	2.2		2.7		.5	15.2			15.8		7.6	2.2		64.7
SW		.6	1.9	1.3		13.8			15.7		6.3	1.3		71.1
WSW	.9	.4	1.3	.4		8.3			12.3		8.8	1.3		73.7
W	.6		1.5	1.0		10.6			7.9		2.9	4.1		78.6
WNW	.3	.3	1.7	1.4		7.1			9.5		2.0	2.4		83.3
NW	.5					19.0			10.0		2.0	6.0		71.5
NNW	1.2		1.2	1.2		28.1			16.8		4.2	4.8		58.1
VARIABLE														
CALM	1.3		1.4			11.3			32.9	3.5	6.1			56.9
TOTAL	45	12	51	31	1	383		5	447	12	156	87		1606
% TOTAL	1.8	.5	2.1	1.2	.0	15.4		.2	18.0	.5	6.3	3.5		64.7

TOTAL NUMBER OF OBSERVATIONS 2,482

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) FEBRUARY (MONTH) (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.9		1.0			27.2			34.0		4.9	4.9		49.5
NNE	2.4	1.2	1.2		1.2	26.8			30.5		12.2	2.4		45.1
NE	4.3	1.1	4.3	1.1		22.3			26.6		2.1	1.1		56.4
ENE	2.3	2.3	8.0	3.4	1.1	21.6			22.7		6.8	1.1		51.1
E	3.5		1.7	1.7		19.1			25.2		11.3	2.6		52.2
ESE	10.0	2.5				17.5			25.0	2.5	15.0			27.5
SE	8.1	2.7				21.6			32.4	2.7	13.5			32.4
SSE	5.9		2.9			11.8			14.7	2.9	17.6			61.8
S	1.7	.9	1.7	.9		7.8			12.9		11.2			68.1
SSW	1.4	.5	1.4			7.7			16.3	1.4	11.1			64.9
SW	1.2		1.8	1.2		8.8			10.5	1.2	15.8			67.3
WSW	1.4					7.9			11.4		10.0			75.0
W	.7		.3	.3		7.9			6.6		7.3	.6		80.4
WNW	.5					9.4			8.2		8.2	1.2		80.1
NW						20.0			7.1		4.3	2.1		72.9
NNW			2.1	.7		29.4			11.2		7.0	4.9		60.1
VARIABLE														
CALM	.4		1.9	.4		10.1			10.8	.3	12.0			60.3
TOTAL	38	8	33	12	2	319			356	19	214	26		1459
% TOTAL	1.6	.4	1.5	.5	.1	14.1			15.8	.8	9.5	1.2		64.7

TOTAL NUMBER OF OBSERVATIONS 2,256

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) CLEARVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MARCH (MONTH) (HOURS (LST))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.3	1.5	4.4	.7		10.9			26.3		5.1	2.2		62.8
NNE	4.6	3.1	2.3			11.5		.8	27.7	.8	6.9			61.5
NE	7.7	.9	4.3		1.7	13.7			30.8	1.7	10.3	.9		53.8
ENE	6.3	4.7	9.4	3.1	.8	11.0		.8	26.8	.8	5.5	1.6		53.5
E	5.5	4.9	4.9	1.2	3.0	9.1		.6	23.8	.6	11.0	.6		55.5
ESE	4.6	11.1	1.6		3.2	3.2		1.6	33.3		17.5			41.3
SE	18.6	6.8	3.4					3.4	25.4		13.6			47.5
SSE	12.1	5.2	1.7			1.7		3.4	25.9		13.8			55.2
S	6.3	4.2	.5			2.6			17.5	1.6	12.2	.5		61.4
SSW	4.4	1.9	2.5			3.1		.6	18.2	.6	13.2			64.8
SW	2.4	3.0	1.2			3.0		.6	8.3	.6	6.5			76.2
WSW	2.9	2.2	1.5			4.4			9.5	.7	6.6			77.4
W	.4	.4	1.1			4.2			5.7		3.8			87.5
WNW	1.6	.6	1.2			5.3			5.8		6.4	.6		82.5
NW	2.1		.7	1.4		9.8			9.1		4.2	.7		78.3
NNW		1.0	2.9	1.0		12.4			10.5	1.9	10.5	1.0		69.5
VARIABLE														
CALM	2.1	.7	3.1			2.1			21.3	3.1	11.8			51.8
TOTAL	101	59	65	10	10	152		10	437	22	216	11		1661
% TOTAL	4.1	2.4	2.6	.4	.4	6.1		.4	17.6	.9	8.7	.4		67.3

TOTAL NUMBER OF OBSERVATIONS 2,478

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14 55 | TLEWIEW, IL | JANUARY 1973-DECEMBER 1982 | APRIL

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS OR 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	12.1	3.3	4.4			4.4		.5	21.4		4.9	1.1		56.5
NNE	3.5	3.0	2.5			3.5		.5	12.0		5.0	1.0		78.5
NE	11.3	4.0	1.3		1.3	6.7		1.3	14.7		6.0			67.3
ENE	5.0	5.8	1.4			2.2		1.4	11.5		6.5	.7		74.8
E	4.5	6.1	1.7			.6		2.8	9.5		9.5			75.4
ESE	6.8	7.8	2.9		1.0	2.9		1.0	14.7	2.0	19.6			53.9
SE	7.3	11.5	1.6						9.8	1.6	14.8			62.3
SSE	3.3	9.5	2.4						19.0	1.2	4.8			67.9
S	3.6	9.8	.5			.5		2.6	11.3		11.3			68.6
SSW	4.1	11.6	1.4					2.7	10.9	.7	6.8			70.7
SW	2.3	4.7	2.3		.8	.8		1.6	3.9	.8	3.9			83.7
WSW	1.8	2.8	2.8				.9	1.8	2.8	.9	6.4			86.2
W	2.8	3.3	1.7			2.2		2.2	6.7		3.9			81.7
WNW	4.6	1.9				2.8		.9	2.8		2.8			88.3
NW	5.0	1.3	5.0			10.0		1.3	8.8		1.3	1.3		76.3
NNW	3.3		5.3	1.8		7.0		1.8	12.3		7.0	3.5		68.4
VARIABLE														
CALM	1.1	.3	.3			.3			3.4	1.7	9.1			19.5
TOTAL	115	115	46	1	4	54	1	32	252	18	173	8		1797
TOTAL	4.9	4.8	1.9	.0	.2	2.3	.0	1.3	10.5	.8	7.2	.3		74.5

TOTAL NUMBER OF OBSERVATIONS 2,400

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

14158 (STATION) LEWIS, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (MONTH) (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible].1	6.1	4.8					1.8	15.6		3.6			69.7
NNE	2.7	3.1	1.8					.4	17.0		8.1			72.2
NE	2.3	4.4	3.9					.6	13.3	2.2	10.6			70.6
ENE	3.8	4.3	2.2					.5	13.6	1.1	9.2			73.9
E	4.5	9.0	.5					1.5	16.1	2.5	10.6			65.0
ESE	3.0	9.0	1.0					3.0	10.0		20.0			65.0
SE	2.0	8.2						2.0	10.2		22.4			65.3
SSE	3.9	9.8						5.9	7.8		17.6			62.7
S	1.1	8.0	1.1					2.9	8.6	1.1	15.4			70.3
SSW	1.6	10.1						2.4	7.1	2.4	9.5			70.2
SW		4.3	1.7					.9	5.1	.9	9.4		.9	82.1
WSW	1.6	4.9						1.6	4.9	1.6	4.1			83.6
W		1.9	.6					.6	2.5		5.6			90.6
WNW	1.1	3.2	2.2					1.1	8.6		4.3			84.9
NW	3.4	6.8	1.7						6.8	1.7	3.4			83.1
NNW		13.3							6.7	6.7	6.7			70.0
VARIABLE														
CALM	.6	1.7	.5					.2	1.1	.4	1.1			87.7
TOTAL	55	132	35					31	278	42	258		1	1805
% TOTAL	3.2	5.3	1.4					1.3	11.2	1.7	10.4		.0	72.8

TOTAL NUMBER OF OBSERVATIONS 2,480

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 GLENVIEW, IL JANUARY 1973-DECEMBER 1982 JUNE

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.7	5.8	1.7					3.3	18.3		3.3			72.5
NNE	.6	6.2	.6					3.7	9.3	2.5	5.6			78.3
NE	.8	1.6	.8					.3	7.9	.8	10.3			81.0
ENE	.6	8.7						3.1	10.2	.8	8.7			74.8
E	1.5	4.5						1.5	6.7		21.6			68.7
ESE	1.4	6.8						4.1	6.8	4.1	12.2			73.0
SE		13.8						6.9	17.2		20.7			56.9
SSE		13.0						5.6	9.3		16.7			66.7
S	.6	9.0	.6					2.8	6.8	2.3	15.8			67.8
SSW	.5	4.4						1.5	7.4	1.5	14.2			74.0
SW	.0	3.3						1.3	4.6	.7	8.6			82.2
WSW	1.6	1.8						1.8	3.0	1.8	7.9			84.2
W	1.3	4.2						3.3	1.3		5.0			90.0
WNW	1.6	3.9						3.9	3.9		7.8			84.3
NW	2.3	7.0						4.7	9.3		7.0			81.4
NNW		15.2						6.5	10.9		10.9			69.6
VARIABLE														
CALM	.7	1.7						.7	10.1	5.8	11.0			73.9
TOTAL	24	120	5					60	186	44	253			1837
TOTAL	1.0	5.0	.2					2.5	7.8	1.8	10.5			76.5

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JULY (MONTH) (HOURS (LST))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.5	6.2	.9					1.8	17.7	5.3	14.2			61.1
NNE	.6	1.2							14.2		12.3			75.3
NE	.7	2.1	.7					1.4	10.5	1.4	13.3			73.4
ENE	.7	2.7	1.3					1.3	6.7		16.1			74.5
E	3.2	1.9	.6					1.9	9.0		21.3			70.3
ESE	1.4	5.5						2.7	9.6		15.1			72.6
SE		10.9						4.3	15.2		30.4			58.7
SSE		13.2						2.6	21.1		36.8			42.1
S	.0	5.8	.6					3.2	2.6	1.9	31.6			58.7
SSW	1.7	2.9	.6					2.3	5.8		26.2			65.1
SW	.6	2.8	1.7					1.7	5.6	1.1	23.7			65.0
WSW	1.7	4.5						2.3	3.4		26.1			67.0
W		5.0						2.3	5.0	2.3	16.5			72.9
WNW	1.3	5.0						1.3	3.8	1.3	13.8			76.3
NW		3.2						3.2	4.8		4.8			87.3
NNW	3.4	1.7	3.4					3.4	12.1	1.7	1.7			77.6
VARIABLE														
CALM	.6	2.6	.2					1.8	9.6	3.6	16.9			74.3
TOTAL	24	91	13					49	206	38	464			1726
% TOTAL	1.0	3.7	.5					2.0	8.3	1.5	18.7			69.6

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14355 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) AUGUST (MONTH) (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	4.3						3.1	17.7		13.5			70.8
NNE		3.8							18.1	1.9	19.0			67.6
NE	1.6	4.0	1.6					.8	12.8		13.6			72.0
ENE	.8	3.0	.8					.8	10.6		15.2			75.8
E	1.9	4.4	1.3						15.6	.6	25.6			58.8
ESE	2.4	1.2	2.4					1.2	14.5	7.2	28.9			54.2
SE		4.8							19.0	2.4	31.0			47.6
SSE	2.3	6.8						4.5	27.3	2.3	22.7			43.2
S	2.2	4.3						3.0	13.0	1.7	37.7			47.2
SSW	1.4	8.7						3.2	11.9	3.2	32.4			50.7
SW	.6	5.0	.6					1.7	3.3	1.1	31.1			59.4
WSW		4.0	1.1					1.7	6.8	.6	14.8			72.7
W	.6	5.5						1.8	7.3	1.2	5.5			80.5
WNW		9.3	1.3					4.0	10.7	1.3	13.3			70.7
NW	1.6	6.5	1.6					4.8	4.8	3.2	8.1			77.4
NNW	3.4	5.2	1.7					6.9	10.3	5.2	8.6			72.4
VARIABLE														
CALM	.2	2.5	.2					.9	10.7	6.1	14.9			65.1
TOTAL	24	115	14					46	330	65	503			1570
% TOTAL	1.0	4.6	.6					1.9	13.3	2.6	20.3			63.3

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (MONTH) _____ (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.3	5.2	7.8					1.7	17.4	1.7	2.6			68.7
NNE	2.5	5.7	2.5					1.6	10.7	2.5	6.6			75.4
NE	2.7	1.8	.9					.9	12.4		13.3			73.5
ENE		1.1	1.1						9.9	1.1	8.8			80.2
E	8.1	7.1	2.0					2.0	20.2	1.0	14.1			61.6
ESE	3.0	4.5	3.0					3.0	14.9	1.5	19.4			58.2
SE	5.9	5.9	2.9					2.9	17.6	11.8	29.4			41.2
SSE	4.0	10.0						4.0	22.0	4.0	22.0			50.0
S	2.8	3.3						.9	7.0	3.3	22.1			65.3
SSW	2.3	4.1						.9	8.6	2.3	22.3			63.6
SW			.7						5.9	2.0	12.4			79.7
WSW	.7	.7						.7	8.3	.7	11.8			81.3
W	.5	3.2	1.1					1.6	6.9		14.9			77.1
WNW	.3	6.7						3.4	2.5	.8	6.7			84.9
NW	.9	4.4	1.8					.9	8.0	.9	6.2			80.5
NNW	3.4	4.3	6.0						13.8	.9	3.4			77.6
VARIABLE														
CALM	1.6	1.6	.5						12.9	6.6	8.9			72.0
TOTAL	51	81	33					25	256	58	305			1730
% TOTAL	2.1	3.4	1.4					1.0	10.7	2.4	12.7			72.1

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	13.1	1.2	6.0						15.5	1.2	6.0			73.8
NNE	4.6	5.6	2.8			.9		.9	17.6		7.4			70.4
NE	8.0	3.4				1.1			14.8		9.1			69.3
ENE		6.3	4.2					2.1	6.3		12.5			70.8
E	4.4	8.8	1.5					1.5	19.1		16.2			63.2
ESE	16.7								24.1		14.8			57.4
SE		2.9							11.8		20.6			70.6
SSE	16.4	9.1				1.8			29.1	1.8	18.2			41.6
S	2.9	2.6	1.5					.4	11.4	2.2	19.1			67.6
SSW	2.9	5.8							10.0	.8	7.1			76.8
SW	3.4	2.0	1.0						5.9	2.4	6.3			82.4
WSW	1.5	2.2							5.1	2.2	5.1			86.1
W	1.6	2.4	.4					.4	4.9		2.0			89.9
WNW	1.4	.7	.7						4.3		1.4			92.9
NW	2.4	.8	1.6			.8			6.4		1.6			89.6
NNW	3.7	1.8	3.7						4.6		1.8			88.1
VARIABLE														
CALM	1.3	1.3	.4					.2	1.4	0.4	0.2			90.3
TOTAL	87	69	27			4		6	267	57	201			1897
% TOTAL	3.5	2.8	1.1			.2		.2	10.8	2.3	8.1			76.5

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (MONTH) _____ (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	11.8	5.3	3.9			3.9			13.2	1.3	1.3			67.1
NNE	11.4	1.4	2.9			7.1		1.4	28.6		14.3			51.4
NE	16.3	4.7	4.7			2.3			41.9		2.3			48.8
ENE	7.4	3.7	1.9			9.3			24.1	3.7	7.4			61.1
E	16.9	2.8	1.4		1.4	15.5		1.4	21.1	2.8	11.3			43.7
ESE	26.5	2.9	2.9			2.9			29.4	5.9	17.6			41.2
SE	10.0	13.3	3.3						26.7	3.3	26.7			30.0
SSE	8.2	8.2	4.1			2.0		2.0	20.4	2.0	26.5			40.8
S	3.6	4.9	5.8			3.1		.4	20.0	.4	10.2			64.4
SSW	3.5	2.3	1.6			1.2			10.5	1.2	7.4			77.5
SW	1.0	2.5				3.0			12.9	1.0	9.0			74.1
WSW	1.5	2.0	1.5			11.6			10.1	1.0	3.0			73.2
W	.7	.7	1.3			4.9			3.3	.7	3.9			86.3
WNW	2.1	1.4	1.4			6.3			7.6		.7			86.1
NW	3.1	.6	3.7	.6		15.4			9.9		3.7			74.7
NNW	4.7		2.7			10.1			6.8	.7	5.4			75.7
VARIABLE														
CALM	1.2	1.2	.9		.3	1.5		.9	11.6	1.0	10.1			83.7
TOTAL	99	55	52	1	2	135		7	347	43	184			1683
% TOTAL	4.1	2.3	2.2	.0	.1	5.6		.3	14.5	1.8	7.7			70.1

TOTAL NUMBER OF OBSERVATIONS 2,400

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH) (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.0	1.0	3.0			27.0			37.0		1.0	1.0		47.0
NNE	10.3		1.7			13.6			33.9	1.7		1.7		54.2
NE	9.6					21.2		1.9	17.3		1.9	7.7		55.8
ENE	3.1		6.3			15.6			21.9		15.6			53.1
E	10.1	1.4	8.7	5.8		17.4			36.2	1.4	11.6			37.7
ESE	10.2		16.3	8.2		6.1			42.9	2.0	14.3			34.7
SE	6.7	6.7	4.4			13.3			33.3		8.9			51.1
SSE	1.4		4.1	1.4		11.0			21.9	1.4	16.4			53.4
S	4.5	1.4	3.2			5.0			24.0	.9	7.2			64.7
SSW	1.6	2.3	2.3	.4		2.3			17.6	.8	7.0	.8		70.7
SW	.5	3.8	1.4			7.1			19.0	1.9	2.8			71.6
WSW	1.0	1.0	1.0			12.6			15.6		6.5	1.0		71.4
W	.6		.6			11.0			10.1		5.8	1.8		75.9
WNW	1.1	1.1	1.1			10.1			8.5		3.7	2.1		77.8
NW	2.2					15.7			9.6	.6	1.1	1.7		79.2
NNW	4.3	.6	.6	1.9		25.3			16.0		1.2	3.7		63.6
VARIABLE														
CALM	2.7	1.6	.8	.8		14.1			30.6	6.5	3.1			36.1
TOTAL	80	31	50	15		297		1	484	27	139	29		1625
% TOTAL	3.2	1.3	2.0	.6		12.0		.0	19.5	1.1	5.6	1.2		65.6

TOTAL NUMBER OF OBSERVATIONS 2,478

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14455 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (MONTH) (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.3	3.7	3.4	.1		8.8		1.1	22.2	.7	5.3	1.5		62.5
NNE	3.6	3.3	1.6		.1	4.6		.9	18.2	.8	8.6	.6		68.9
NE	5.0	2.6	2.0	.1	.3	6.4		.7	16.9	.7	9.3	1.2		66.6
ENE	3.0	4.1	3.0	.7	.2	5.1		1.1	15.1	.6	10.2	.7		68.1
E	4.9	4.8	1.9	.8	.4	4.6		1.3	17.7	.8	15.1	.4		61.0
ESE	6.4	5.2	2.7	.6	.4	2.5		1.9	18.8	2.3	18.3			54.8
SE	4.9	8.2	1.3	.2		2.7		1.9	20.2	1.5	20.5			52.3
SSE	5.9	7.2	2.3	.9		4.4		2.3	21.4	1.6	17.8			51.9
S	3.1	4.6	1.7	.3		2.4		1.3	13.5	1.5	17.5	.2		63.0
SSW	2.3	4.4	1.0	.0	.0	2.4		1.0	11.7	1.3	13.6	.2		68.1
SW	1.2	2.6	1.1	.2	.0	3.2		.6	8.8	1.2	11.4	.1	.0	74.3
WSW	1.3	2.1	.8	.1		4.4	.1	.8	8.2	.7	9.5	.3		76.7
W	.7	1.7	.8	.2		4.6		.8	5.9	.3	5.9	.9		82.2
WNW	1.2	2.1	.9	.2		4.6		.8	6.8	.2	5.0	.8		83.0
NW	1.8	1.5	1.2	.2		10.4		.7	8.3	.4	3.4	1.5		78.2
NNW	2.6	2.0	2.5	.7		13.5		.8	11.6	.8	5.1	2.0		69.7
VARIABLE														
CALM	1.1	1.5	.7	.1	.0	2.2		.5	36.7	5.2	31.3			61.1
TOTAL	744	888	424	70	19	1344	1	272	3846	445	3066	161	1	20386
TOTAL	2.5	3.0	1.5	.2	.1	4.6	.0	.9	13.2	1.5	10.5	.6	.0	69.8

TOTAL NUMBER OF OBSERVATIONS 29,214

PAVWEASERVCOM

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.

3

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

1- 55 | LE VIEW, IL | 45-8[illegible]
STATION | STATION NAME | YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible].5	27.6	2.7	9.3	5.4	7.4	4.2	1.8	1.1					31.9	1116	1.98	5.14	.27
FEB	47.[illegible]	26.2	2.7	9.2	4.7	7.4	7.6	2.3	.2					30.1	1017	1.42	3.13	.21
MAR	41.5	22.[illegible]	1.9	9.3	5.8	7.6	6.4	4.3	1.1					36.5	1085	2.71	5.29	.37
APR	44.5	15.4	1.[illegible]	9.2	4.[illegible]	10.3	7.[illegible]	5.6	2.3					43.1	1110	3.63	6.25	.[illegible]
MAY	[illegible].6	1[illegible].4	1.7	8.3	3.7	8.5	7.4	5.8	1.[illegible]					37.[illegible]	1147	3.36	7.66	.69
JUN	[illegible].2	11.[illegible]	2.3	5.[illegible]	3.4	7.2	7.2	5.6	3.1	.4				34.7	1085	4.22	[illegible].24	.7[illegible]
JUL	[illegible].6	12.3	1.5	5.8	3.2	4.8	6.5	4.3	2.4	.5	.1			29.1	1178	3.93	11.15	.[illegible]
AUG	[illegible].2	10.4	1.1	5.6	3.3	6.2	4.7	5.2	2.1	.2				29.4	1147	3.14	7.26	.[illegible]
SEP	[illegible].7	12.7	1.[illegible]	[illegible].4	3.7	5.5	4.6	5.2	2.4	.2				28.6	1080	3.18	[illegible].88	[illegible]AC
OCT	[illegible].7	12.1	1.[illegible]	6.2	4.3	5.8	[illegible].3	3.2	1.2	.2				26.2	1147	2.27	9.14	.22
NOV	4[illegible].5	19.3	1.[illegible]	6.1	5.[illegible]	7.9	[illegible].6	4.1	.7					31.2	1080	2.38	[illegible].39	.51
DEC	41.[illegible]	25.4	[illegible].9	7.1	6.[illegible]	6.7	5.[illegible]	2.5	1.2	.1				33.2	1147	2.47	[illegible].09	.43
ANNUAL	[illegible].4	17.4	[illegible].3	7.2	4.4	7.1	[illegible].5	4.2	1.6	.1	.[illegible]			32.2	13334	34.58		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] STATION | LEWIEW, IL STATION NAME | 46-[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]1.7	76.4	6.7	7.8	7.0	2.0	.6	.9	.7	.1	.2			21.1	1116	11.7	49.2	.2
FEB	54.[illegible]	29.5	6.7	6.8	3.7	2.0	.3	.6	.6	.1				19.7	1017	7.8	29.3	.[illegible]
MAR	[illegible]7.4	21.[illegible]	5.6	5.2	1.[illegible]	1.1	.[illegible]	1.1	.[illegible]					15.[illegible]	1154	7.3	29.5	.[illegible]
APR	[illegible]3.4	9.[illegible]	1.[illegible]	1.0	.7	.3	.4		.1	.1				3.1	1050	1.8	14.4	.
MAY	[illegible]9.[illegible]	1.[illegible]													1147	TRACE	TRACE	.
JUN	[illegible]99.8	.1													1080	TRACE	TRACE	.
JUL	[illegible]00.0														1147	.0	.[illegible]	.
AUG	[illegible]00.0														1147	.0	.[illegible]	.
SEP	[illegible]99.[illegible]	.1													1080	TRACE	TRACE	.
OCT	[illegible]96.9	2.5	.1	.1	.2		.1	.1						.5	1147	.4	7.[illegible]	.[illegible]
NOV	76.[illegible]	15.7	2.5	2.8	.9	.8	.1	.4						7.4	1080	2.8	9.6	TRACE
DEC	57.[illegible]	24.3	5.8	5.9	2.9	1.1	1.2	.6	.7	.3				18.4	1147	9.5	35.3	TRACE
ANNUAL	[illegible].[illegible]	10.5	2.4	2.5	.9	.6	.3	.3	.2	.[illegible]	.0			7.[illegible]	13212	41.3		

NAVWEASERVCOM

3

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNO DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] GLENVIEW, IL 4--8?
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	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] .4	[illegible] .3	13.[illegible]	7.7	7.7	13.1	7.4	3.[illegible]	.[illegible]	.[illegible]				[illegible]4.5	1023			
FEB	[illegible]7.[illegible]	19.3	11.6	6.5	6.[illegible]	13.4	7.8	5.3	2.[illegible]					5[illegible].[illegible]	96[illegible]			
MAR	[illegible].[illegible]	15.3	5.4	4.3	2.4	6.5	7.[illegible]	.3						72.[illegible]	1 [illegible]4			
APR	[illegible].[illegible]	[illegible].4	.5	.7	.4	.[illegible]	.[illegible]							[illegible].	1 .2[illegible]			
MAY	1[illegible].[illegible]														1023			
JUN	[illegible]0.[illegible]														1020			
JUL	100.[illegible]														1[illegible]4			
AUG	[illegible]0.[illegible]														1[illegible]4			
SEP	[illegible]0.[illegible]														102[illegible]			
OCT	[illegible]9.[illegible]	.[illegible]	.2	.1	.1									.4	1023			
NOV	[illegible].[illegible]	7.[illegible]	3.6	1.0	.7	.9	.1							6.[illegible]	1020			
DEC	[illegible].6	[illegible].[illegible]	9.0	[illegible].7	[illegible].[illegible]	6.5	7.[illegible]	1.2						33.4	1085			
ANNUAL	7[illegible].4	7.1	3.[illegible]	2.2	1.[illegible]	3.4	2.2	.9	.2	.1				14.4	12356			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

14855 GLENVIEW, IL 45-92
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
45				.75	2.1[illegible]		.95	1.21	.[illegible]	.77	.[illegible]1	.[illegible]	
46	.5[illegible]	.3[illegible]		.25	.56		.26			.[illegible]2		1.[illegible]	
47					.96	1.37	.90	.56					
48	1.30	.91	1.[illegible]	.38	1.43	1.06	.32	.37	1.[illegible]	.4[illegible]	.53	.[illegible]	1.[illegible]
49	1.01	.44	.9[illegible]	.37	.5[illegible]	3.76	2.19	.15	.46	.94	.60	1.24	[illegible].[illegible]
50	1.29	1.02	.66	1.31	.31	2.06	.74	.74	1.14	.67	.64	.7[illegible]	[illegible].[illegible]
51	.6[illegible]	.64	.9[illegible]	.86	2.13	1.30	2.62	1.76	1.26	1.02	.43	1.2[illegible]	[illegible].[illegible]
52	1.07	.25	.87	1.25	.77	2.53	1.97	.70	.66	.14	.96	.84	[illegible].[illegible]
53	.40	.6[illegible]	1.13	.6[illegible]	1.27	.85	.75	.83	.64	.22	.62	.8[illegible]	[illegible].[illegible]
54	.53	.61	1.75	2.35	.71	1.49	1.75	1.33	.1[illegible]	3.56	.43	.[illegible]	[illegible].[illegible]
55	.77	.30	.39	.64	1.70	.73	.9[illegible]	.62	.6[illegible]	2.30	.55	.7[illegible]	[illegible].[illegible]
56	.13	.52	.40	1.41	.70	.46	.49	1.58	.25	.22	.6[illegible]	.3[illegible]	1.[illegible]
57	1.23	.74	.72	.77	1.10	.94	4.96	1.36	.5[illegible]	1.30	.7[illegible]	.6[illegible]	[illegible].[illegible]
58	1.04	.19	.37	1.18	1.12	1.51	2.67	.60	.79	1.36	.72	.4[illegible]	[illegible].[illegible]
59	.55	.46	.7[illegible]	.94	.55	1.92	1.11	1.53	1.23	1.25	1.64	.7[illegible]	1.[illegible]
60	1.96	.30	.52	1.98	.97	1.12	2.06	.45	1.1[illegible]	1.49	.44	.3[illegible]	[illegible].[illegible]
61	.29	.66	1.19	.55	.68	1.11	.7[illegible]	.64	2.59	1.92	.59	.[illegible]	[illegible].[illegible]
62	1.48	.[illegible]2	.49	.61	1.31	1.36	1.98	1.[illegible]8	1.[illegible]0	.58	.79	.11	1.[illegible]
63	.43	.20	.51	1.01	.42	.54	2.36	1.[illegible]6	1.0[illegible]	.17	.91	.3[illegible]	[illegible].[illegible]
64	.31	.26	.86	1.47	.72	1.62	3.12	1.[illegible]8	1.11	.1[illegible]	1.[illegible]3	.9[illegible]	3.12
65	1.70	.71	.84	1.02	1.0[illegible]	.56	1.1[illegible]	1.32	1.3[illegible]	.92	1.11	1.3[illegible]	1.[illegible]
66	.64	.5[illegible]	.65	1.31	2.02	1.89	1.32	.2[illegible]	.73	1.02	1.32	.[illegible]	[illegible].[illegible]
67	1.71	1.15	1.5[illegible]	.7[illegible]	.73	3.15	.96	.96	.69	.38	.60	.3[illegible]	[illegible].15
68	.5[illegible]	.43	.28	.94	.9[illegible]	1.23	1.04	3.10	.89	.29	1.73	.9[illegible]	[illegible].1
69	.3[illegible]	.10	1.12	.8[illegible]	.87	1.63	1.44	.67	.53	3.52	.35	1.0[illegible]	[illegible].52
70	.37	.28	.55	1.13	1.12	1.61	1.20	.58	1.99	.58	.63	.51	1.99
71	.74	.51	.56	.33	.4[illegible]	1.25	1.17	1.31	.75	.32	.98	1.5[illegible]	1.55
72	.25	.31	1.03	1.84	.7[illegible]	4.31	.99	1.4[illegible]	1.88	.88	1.2[illegible]	.9[illegible]	4.31
73	.01	.84	.71	1.49	1.0[illegible]	1.30	2.2[illegible]	.48	1.4[illegible]	.79	.40	.9[illegible]	[illegible].[illegible]
74	.8[illegible]	.68	.81	.99	.77	.79	.73	.96	.4[illegible]	1.14	.65	.3[illegible]	1.14
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

14 55 | GLENVIEW, IL | 45-92
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
55	1.74	.61	.57	1.66	.77	.85	1.25	2.21	.65	1.10	.72	1.57	2.21
56	.31	.81	1.67	1.50	.93	1.12	1.23	.70	.69	.83	.46	.20	1.67
57	.25	.24	1.09	.56	.77	1.34	.63	.98	1.00	.62	.73	1.25	1.34
58	.63	.17	.34	1.45	.93	2.81	3.31	.94	2.98	.31	1.19	1.46	3.31
59	.22	.37	.85	1.82	1.04	1.59	.58	1.16	.00	.67	.94	1.61	2.82
60	.19	.42	.32	.71	.47	.73	.67	1.01	1.26	.61	.37	.57	1.26
61	.13	.63	.13	1.59		1.43	3.03	3.06	.73	.61	.75	.32	
62	.95	.19	.79	.64	.97	.75	5.40	.83	.53	1.03	1.37	2.87	5.40
MEAN	.83	.52	.80	1.09	.97	1.50	1.61	1.07	1.00	.95	.81	.98	2.51
S D	.556	.263	.413	.501	.448	.868	1.182	.652	.607	.787	.342	.515	1.029
TOTAL OBS.	1114	1017	1085	1110	1147	1080	1178	1147	1080	1147	1040	1147	11334

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

14955 — STATION
GLENVIEW, IL — STATION NAME
45-82 — YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45						.77 27							PRECIP DAYS
46			1.15 30			.90 21							PRECIP DAYS
47	.21 29	.59 19							.11 10		.54 27	.68 19	PRECIP DAYS
81					.34 20								PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW OF ALL
(FROM DAILY OBSERVATIONS)

14-55 | GLENVIEW, IL | 45-80
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
45				.0	.0	.0	.0	.0	.0	.0	.0	4.0	
46	.7	2.8			.0		.0			.0		2.1	
47					.0			.0					
48	9.3	2.1			.0	.0	.0	.0	.0	.0	.0	2.5	
49	1.0	3.0	.5	.0	.0	.0	.0	.0	.0	.0	3.0	6.5	6.5
50	3.0	6.5	2.0	1.0	.0	.0	.0	.0	.0	.0	1.1	5.0	6.5
51	3.1	2.8	6.6	2.7	.0	.0	.0	.0	.0	.0	4.5	12.6	12.6
52	4.9	1.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.9
53	3.9	1.6	2.6	.0	.0	.0	.0	.0	.0	.0	1.8	1.9	3.0
54	4.1	1.8	8.4	.0	.0	.0	.0	.0	.0	.3	1.9	4.7	8.4
55	2.2	2.4	1.4	.0	.0	.0	.0	.0	.0	.0	1.6	1.0	2.4
56	1.3	4.4	.6	.6	.0	.0	.0	.0	.0	.0	2.6	3.0	4.4
57	6.7	2.1	2.7	.7	.0	.0	.0	.0	.0	4.0	.4	4.4	6.7
58	8.4	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.8	4.9	8.4
59	5.5	.3	.3	.4	.0	.0	.0	.0	.0	1.1	2.6	7.9	7.9
60	3.4	8.0	5.2	.0	.0	.0	.0	.0	.0	.0	.4	3.0	8.0
61	2.4	5.9	5.6	4.4	.0	.0	.0	.0	.0	.0	5.9	9.0	9.0
62	14.8	7.1	3.5	.5	.0	.0	.0	.0	.0	.0	.7	1.0	14.8
63	6.4	2.5	4.1	.1	.0	.0	.0	.0	.0	.0	.0	4.1	6.4
64	1.2	2.8	8.6	.5	.0	.0	.0	.0	.0	.0	2.3	8.7	8.7
65	3.4	7.7	7.3	.0	.0	.0	.0	.0	.0	.0	.4	2.4	7.7
66	6.0	1.7	.4	.3	.0	.0	.0	.0	.0	.0	.9	6.2	6.2
67	17.4	11.7	5.5	2.0	.0	.0	.0	.0	.0	5.0	.4	.7	17.4
68	4.0	1.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.8
69	2.1	1.0	1.6	.0	.0	.0	.0	.0	.0	.0	1.0	10.0	10.0
70	4.1	2.8	4.4	10.3	.0	.0	.0	.0	.0	.0	.0	3.7	10.3
71	7.1	1.3	5.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	7.1
72	3.7	3.1	7.2	4.3	.0	.0	.0	.0	.0	.0	2.5	4.0	7.2
73	.3	1.4	1.8	.2	.0	.0	.0	.0	.0	.0	.0	3.7	3.7
74	2.3	3.2	1.6	.0	.0	.0	.0	.0	.0	.0	1.4	3.9	3.8
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

14855 — STATION
GLENVIEW, IL — STATION NAME
45-82 — YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
75	6.3	5.8	1.6	12.3	.0	.0	.0	.0	.0	.0	7.2	[illegible]	[illegible]
76	3.2	1.2	3.3	1.2	.0	.0	.0	.0	.0	2.1	.4	2.[illegible]	7.3
77	1.[illegible]	2.7	4.1	.2	.0	.0	.0	.0	.0	.0	3.0	7.3	7.3
78	9.1	1.7	3.2	.2	.0	.0	.0	.0	.0	.0	6.2	10.9	10.9
79	22.2	3.7	1.6	.0	.0	.0	.0	.0	.0	.0	2.3	.7	22.2
80	1.4	4.2	3.2	2.6	.0	.0	.0	.3	.0	.0	2.5	3.9	4.2
81	1.1	6.3	.7	.0		.0	.0	.0	.0	.0	4.8	1.4	
82	7.8	1.8	5.9	4.4	.0	.0	.0	.0	.0	.0	.5	4.[illegible]	7.8
MEAN	5.09	3.39	3.43	1.39	.00	.00	.00	.00	.00	.34	1.64	4.40	8.07
S.D.	4.767	2.475	2.418	2.813	.000	.000	.000	.000	.000	1.086	1.698	3.032	4.199
TOTAL OBS.	111[illegible]	1017	1054	1053	1147	1080	1147	1147	1080	1147	1080	1147	13212

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

14855 GLENVIEW, IL 45-82
STATION STATION NAME YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46			.3 30	.0 28		.0 21							SNOFALL DAYS
47	.3 28	.9 18				3	.0 7		.0 10		2.4 24	2.2 19	SNOFALL DAYS
48			2.8 29	.0 29									SNOFALL DAYS
81					.7 30								SNOFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

14955 — STATION
GLENVIEW, IL — STATION NAME
45-80 — YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48													
49	1	3	0	0	0	0	0	0	0	0	2	4	4
50	7	8	4	0	0	0	0	0	0	0	3	10	10
51	8	7	6	1	0	0	0	0	0	0	6	13	16
52	5	1	5	0	0	0	0	0	0	0	0	3	5
53	4	2	3	0	0	0	0	0	0	0	1	3	3
54	3	2	8	2	0	0	0	0	0	0	0	4	8
55	4	4	1	0	0	0	0	0	0	0	3	1	4
56	1	4	1	1	0	0	0	0	0		1	3	
57	6	4	3	1	0	0	0	0	0	3	4	4	8
58		6	1	0	0	0	0	0	0	0	1	6	
59	11	7	3	0	0	0	0	0	0	0	3	5	11
60	3	16	13	0	0	0	0	0	0	0	0	4	16
61	2	5	6	5	0	0	0	0	0	0	6	9	9
62	10	8	4	0	0	0	0	0	0	0	0	1	10
63	11	9	4	0	0	0	0	0	0	0	0	6	11
64	1	4	7	0	0	0	0	0	0	0	1	14	14
65	4	11	15	2	0	0	0	0	0	0	0	4	15
66	13	10	1	0	0	0	0	0	0	0	1	6	13
67	26	32	11	2	0	0	0	0	0	1	0	2	32
68	8	2	0	0	0	0	0	0	0	0	0	11	11
69	11	1	2	0	0	0	0	0	0	0	1	14	13
70	10	1	6	7	0	0	0	0	0	0	0	3	10
71	6	2	3	0	0	0	0	0	0	0	0	0	6
72	3	5	7	4	0	0	0	0	0	0	3	6	7
73	0	3	2	2	0	0	0	0	0	0	0	11	11
74	7	8	1	0	0	0	0	0	0	0	1	3	8
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

14855 — STATION
GLENVIEW, IL — STATION NAME
48-82 — YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	3	6	1	12	0	0	0	0	T	0	8	4	12
76	6	6	4	0	0	0	0	0	0	2	0	3	6
77	4	4	4	3	0	0	0	0	0	0	T	0	4
78	17	22	8	0	0	0	0	0	0	0	5	17	22
79	45	34	13	0	0	0	0	0	0	0	0	2	46
80	3	7	5	0	0	0	0	0	0	0	2	2	7
81	1	8	1	0	T	0	0	0	0	0	1	1	
82	5	9	17	7	0	0	0	0	0	0	0	2	10
MEAN	7.8	7.8	4.4	1.3	.0	.0	.0	.0	.0	.2	1.6	5.7	12.2
S.D.	6.904	7.697	3.954	2.711	.000	.000	.000	.000	.000	.635	2.148	4.405	8.547
TOTAL OBS.	1023	960	1054	1020	1023	1020	1054	1054	1020	1023	1020	1085	12356

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

14755 — STATION
GLENVIEW, IL — STATION NAME
46-87 — YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
45				0	0	0	0	0	0	0	0	0	SNO DPTH DAYS
46	0	0	0	0	0	0	0			0		0	SNO DPTH DAYS
47	0	0			0	0	0	0	0		0	0	SNO DPTH DAYS
48	0	0	0	0	0	0	0	0	0	1 0	0		SNO DPTH DAYS
56										30 0			SNO DPTH DAYS
58	11 30												SNO DPTH DAYS
71					30 0								SNO DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

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

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.[illegible]	[illegible]	[illegible]	9.[illegible]	229	1969
2	[illegible]	16	1951	6.3	16[illegible]	1975
3	[illegible]	19	1971	7.1	19[illegible]	1971
4	[illegible]	[illegible]	1982	7.8	199	1982
5	[illegible]	[illegible]	1955	2.1	53	1969
6	[illegible]	38	1962	14.[illegible]	376	1962
7	.[illegible]	11	1972	4.5	114	1962
8	.[illegible]	6	1974	[illegible].2	56	1974
9	1.2[illegible]	[illegible]	1957	6.7	170	1957
10	1.[illegible]	44	1975	2.3	58	1974
11	.2[illegible]	[illegible]	1963	2.[illegible]	71	1963
12	[illegible]	5[illegible]	1967	6.[illegible]	152	1966
13	.22	56	1979	22.2	564	1979
14	.[illegible]	13	1968	4.1	1[illegible]	1973
15	.2[illegible]	[illegible]	1965	3.4	[illegible]6	1965
16	.2[illegible]	6	1969	[illegible].[illegible]	51	1971
17	.3[illegible]	[illegible]	1969	2.9	74	197[illegible]
18	[illegible].1	26	1949	3.[illegible]	[illegible]6	196[illegible]
19	1.[illegible]	[illegible]7	1952	6.4	163	1963
20	[illegible].[illegible]	21	1974	5.5	14[illegible]	1959
21	1.[illegible]	26	1958	[illegible].4	213	1958
22	[illegible].[illegible]	43	1965	2.6	66	1957
23	.[illegible]	10	1953	2.4	61	1951
24	.[illegible]	23	1979	8.6	218	1979
25	.[illegible]	15	1961	6.[illegible]	152	1966
26	.71	43	1967	17.4	442	1967
27	.[illegible]	19	1967	[illegible].[illegible]	273	1967
28	.31	[illegible]	1962	[illegible].[illegible]	[illegible]6	1962
29	.[illegible]	1[illegible]	1967	4.[illegible]	102	1967
30	.1[illegible]	[illegible]	1947	2.9	74	195[illegible]
31	.33	[illegible]	1961	6.[illegible]	152	1982
Monthly	.22	56	1979	22.2	564	1979

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible].71	18	1967	6.9	175	1967
2	[illegible].[illegible]2	6	1972*	2.2	56	1972
3	[illegible].66	17	1961	5.9	150	1961
4	[illegible].[illegible]5	1[illegible]	1971	2.7	69	1977
5	1.16	29	1967	11.7	297	1967
6	[illegible].31	[illegible]	1974*	3.1	79	1974
7	[illegible].14	4	1973	1.4	36	1973
8	[illegible].2[illegible]	7	197[illegible]	2.8	[illegible]1	197[illegible]
9	[illegible].[illegible]0	20	1960	8.[illegible]	203	1960
10	0.69	17	1967	6.8	173	1960
11	0.31	[illegible]	1956	5.0	127	1981
12	0.38	10	1949	3.7	94	1979
13	1.02	26	1950	6.5	165	1950
14	0.[illegible]8	21	1973	2.5	64	1950
15	0.[illegible]1	15	1954	5.8	147	1978
16	0.[illegible]2	13	1956	4.4	112	1956
17	0.[illegible]1	15	1975	0.2	5	1959
18	0.64	16	1951	2.8	71	1962
19	0.[illegible]1	13	1971	1.7	43	1966
20	0.65	17	1953	0.9	23	1963
21	0.[illegible]1	21	1976	7.1	180	1962
22	0.68	17	1974	5.2	132	1959
23	0.70	18	1967	6.4	163	1967
24	0.71	18	1965	7.7	196	1965
25	0.74	19	1957	4.2	107	1980
26	0.30	[illegible]	1957	0.2	5	1946
27	0.91	23	1948	2.5	64	1963
28	0.42	11	1951	1.9	48	1958
29	0.20	5	1976	1.2	30	1976
30						
31						
Monthly	1.16	29	1967	11.7	297	1967

* 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 — GLENVIEW, IL / STATION NAME — 1947-1982 / YEARS

MAY / MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	16	1976	3.3	[illegible]	1976
2	.22	31	1976	6.0	152	1954
3	[illegible]	17	1966	3.1	79	1952
4	[illegible]	41	1976	5.9	150	1982
5	.1	3	1946	1.9	49	1955
6	.5	14	1975	1.	25	1975
7	.3	9	1975	1.3	33	1 8
8	[illegible]	22	1964	5.6	142	1961
9	.72	6	1977	2.	51	1965
10	[illegible]	16	1952	1.6	41	1975
11	.5	14	1957	4.	102	1963
12	1.13	29	1953	3.5	89	1951
13	[illegible]	30	1961	7.	178	1972
14	[illegible]	16	1953	1.	25	1965
15	[illegible]	13	1948	[illegible]	20	1971
16	[illegible]	13	1966	5.2	132	1966
17	[illegible]	17	1965	7.3	185	1965
18	[illegible]	22	1952	5.6	142	1971
19	[illegible]	47	1948	3.2	81	1971
20	1.14	37	1967	5.5	140	1967
21	[illegible]	15	1966	4.1	104	1977
22	.4	12	1965	5.1	130	1965
23	.4	11	1965	5.3	135	1 65
24	.1	3	1954	0.3	8	1977
25	1.75	44	1954	4.4	112	197
26	[illegible]	18	1959	2.7	69	1957
27	.82	21	1976	0.5	13	1977
28	1.[illegible]	28	1977	0.8	20	1977*
29	[illegible]	22	1979	8.6	218	1964
30	[illegible]	28	1949	1.6	41	1974
31	1.[illegible]	39	1967	2.9	74	1972
Monthly	1.[illegible]	47	1948	8.6	218	1964

APRIL / MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.13	29	197	10.3	262	1970
2	1.38	35	1975	12.3	312	1975
3	[illegible].8	25	1974	2.2	56	1972
4	0.89	23	1969	T	T	1982*
5	1.47	37	1964	4.4	112	1982
6	0.86	22	1978	T	T	1982*
7	0.43	11	1972	4.3	109	1972
8	0.71	18	1980	0.5	13	1962
9	0.62	16	1973	2.0	51	1961
10	0.74	19	1978	0.3	8	1962
11	1.82	46	1979	0.5	13	1957
12	1.25	32	1952	T	T	1973*
13	0.75	19	1945	0.5	13	1962
14	0.87	22	1949	.6	66	1980
15	0.75	19	1976	2.5	64	1961
16	1.[illegible]	50	1960	4.4	112	1961
17	[illegible].94	24	1963	T	T	1961*
18	1.36	47	1975	T	T	1945
19	[illegible].78	20	1970	T	T	1962*
20	1.71	33	1966	T	T	1979*
21	1.48	38	1977			
22	1.59	4	1981	.2	5	1956
23	1.40	36	1979	2.[illegible]	51	1967
24	1.71	33	1950	T	T	1980*
25	2.35	60	1954	1.0	25	1976
26	0.82	21	1979			
27	1.71	43	1975	T	T	1979*
28	1.17	30	1981	T	T	1977*
29	0.76	24	1963			
30	0.80	20	1970	0.1	3	1963
31						
Monthly	2.35	60	1954	12.3	312	1975

* 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 | 1945-1[illegible]2 YEARS

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	16	1953			
2	1.[illegible]	39	1949	T	T	1971
3	1.12	28	1958	T	T	1973
4	.77	20	1977	T	T	1967
5	[illegible]	23	1976			
6	1.11	28	1948			
7	[illegible]	20	1945	T	T	1965
8	[illegible]	22	1969	T	T	1966
9	[illegible]	15	1956			
10	.13	54	1951			
11	.02	51	1966	T	T	1966
12	1.[illegible]	33	1962			
13	[illegible]	25	1978			
14	.1[illegible]	55	1945			
15	[illegible]	13	1976			
16	.[illegible]	25	1960			
17	[illegible]	24	1947			
18	.02	26	1965			
19	.10	28	1959			
20	[illegible]	16	1965			
21	[illegible]	15	1952	T	T	1969
22	1.2[illegible]	32	1953			
23	[illegible]	24	1970			
24	[illegible]	43	1955			
25	[illegible]	17	1961			
26	.6[illegible]	18	1968	T	T	1961
27	1.[illegible]	29	1945			
28	[illegible]	32	1975			
29	1.12	28	1970			
30	.[illegible]	20	1975			
31	.76	19	1958			
Monthly	.17	55	1945	T	T	1973

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.[illegible]	35	197[illegible]			
2	2.[illegible]	53	1950			
3	1.49	38	1954			
4	[illegible]	19	1969			
5	1.1[illegible]	2[illegible]	1977			
6	[illegible]	19	1974			
7	2.[illegible]	71	1978			
8	1.[illegible]	35	1969			
9	1.8[illegible]	46	1966	T	T	1[illegible]6
10	[illegible]	8[illegible]	1967			
11	1.34	34	1977			
12	1.[illegible]	41	197[illegible]			
13	1.[illegible]4	39	1966			
14	[illegible]	1[illegible]9	1972			
15	[illegible]	19	1982			
16	2.[illegible]	64	1952			
17	[illegible]	23	1946			
18	1.2[illegible]	32	1971			
19	[illegible]	11	198[illegible]			
20	[illegible]	15	1979			
21	1.[illegible]	33	1951			
22	1.[illegible]2	41	1964			
23	1.[illegible]	27	1948			
24	[illegible]	19	1969			
25	1.[illegible]2	4[illegible]	1959			
26	1.32	34	1979			
27	[illegible]	14	1963			
28	1.12	28	196[illegible]			
29	1.[illegible]3	41	1969			
30	1.13	2[illegible]	1977			
31						
Monthly	4.31	109	1972	T	T	1[illegible]6

* 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], IL	1945-1982

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	27	1978			
2	[illegible]	66	1958			
3	[illegible]	76	1954			
4	[illegible]	16	1968			
5	[illegible]	92	1971			
6	[illegible]	44	1954			
7	[illegible]	52	1964			
8	[illegible]	67	1951			
9	[illegible]	24	1967			
10	[illegible]	48	1952			
11	[illegible]	35	1963			
12	[illegible]	126	1957			
13	[illegible]	41	1943			
14	[illegible]	26	1949			
15	[illegible]	13	1963			
16	[illegible]	42	1980			
17	[illegible]	37	1960			
18	[illegible]	71	1964			
19	[illegible]	60	1967			
20	[illegible]	34	1978			
21	[illegible]	19	1945			
22	[illegible]	127	1982			
23	[illegible]	29	1953			
24	[illegible]	24	1945			
25	[illegible]	78	1964			
26	[illegible]	34	1966			
27	[illegible]	73	1966			
28	[illegible]	53	1951			
29	[illegible]	32	1954			
30	[illegible]	17	1953			
31	[illegible]	16	1950			
Monthly	[illegible]	127	1982			

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	21	1972			
2	[illegible]	27	1978			
3	[illegible]	39	1950			
4	[illegible]	25	1977			
5	[illegible]	13	1979			
6	[illegible]	45	1951			
7	[illegible]	12	1947			
8	[illegible]	26	1968			
9	[illegible]	31	1957			
10	[illegible]	27	1971			
11	[illegible]	29	1956			
12	[illegible]	47	1956			
13	[illegible]	13	1981			
14	[illegible]	78	1951			
15	[illegible]	24	1978			
16	[illegible]	79	1968			
17	[illegible]	34	1965			
18	[illegible]	24	1967			
19	[illegible]	14	1981			
20	[illegible]	15	1958			
21	[illegible]	56	1975			
22	[illegible]	22	1979			
23	[illegible]	36	1977			
24	[illegible]	33	1971			
25	[illegible]	38	1954			
26	[illegible]	10	1977			
27	[illegible]	24	1974			
28	[illegible]	19	1957			
29	[illegible]	16	1979			
30	[illegible]	47	1975			
31	[illegible]	29	1945			
Monthly	[illegible]	79	1968			

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] STATION | [illegible]IFW, IL STATION NAME | 1 4[illegible]-1[illegible]2 YEARS

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	• [illegible]	[illegible]4	1977			
2	[illegible]•4	63	1961			
3	•[illegible]1	[illegible]	197[illegible]			
4	•[illegible]	14	1965			
5	1•14	[illegible]	1961			
6	•[illegible]	51	197[illegible]			
7	[illegible]•[illegible]	26	19[illegible]			
8	[illegible]•	[illegible]	1949			
9	[illegible]•	[illegible]	197[illegible]			
10	•[illegible]	25	1[illegible]62			
11	•[illegible]	[illegible]1	1953			
12	[illegible]•	27	1961			
13	•[illegible]	76	1978			
14	•[illegible]	[illegible]4	197[illegible]			
15	•[illegible]4	17	1977			
16	•2	[illegible]2	19[illegible]			
17	•1[illegible]	55	1978			
18	•[illegible]	[illegible]1	1953			
19	[illegible]•12	[illegible]	196[illegible]			
20	[illegible]•	[illegible]5	1965			
21	[illegible]•14	[illegible]	19[illegible]			
22	[illegible]•11	[illegible]	1965	[illegible]	[illegible]	[illegible]9[illegible]
23	[illegible]•3[illegible]	34	1961			
24	[illegible]•1	[illegible]3	1979			
25	•[illegible]	53	1961			
26	[illegible]•2	[illegible]2	19[illegible]1			
27	•[illegible]	[illegible]	19[illegible]			
28	1•[illegible]	[illegible]4	197[illegible]			
29	•[illegible]1	[illegible]1	1[illegible]73			
30	[illegible]•[illegible]	25	1977			
31						
Monthly	•[illegible]	76	1978	[illegible]	T	[illegible]8

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible].6[illegible]	17	1979			
2	[illegible].4[illegible]	12	1979			
3	1.[illegible]2	[illegible]4	1954			
4	[illegible].[illegible]5	19	1959			
5	[illegible].30	5[illegible]	19[illegible]			
6	1.20	30	1959			
7	[illegible].6[illegible]	17	19[illegible]			
8	[illegible].5[illegible]	15	1953			
9	1.[illegible]1	38	1954			
10	3.5[illegible]	90	1954			
11	[illegible]. 8	22	1979			
12	[illegible].7[illegible]	20	1973			
13	1.4[illegible]	38	196[illegible]			
14	1.[illegible]2	26	1966			
15	[illegible].[illegible]8	22	196[illegible]			
16	[illegible].30		1965	[illegible]	[illegible]	[illegible]7[illegible]
17	[illegible]. 1	15	1961			
18	[illegible].[illegible]0	10	1951[illegible]	[illegible]	[illegible]	[illegible]961[illegible]
19	1.[illegible]2	47	1961	[illegible]	[illegible]	1[illegible]74[illegible]
20	[illegible]. 4	14	196[illegible]	[illegible]	[illegible]	1[illegible]74
21	[illegible]. 2	23	1[illegible]6	[illegible]	[illegible]	1[illegible]74
22	1.[illegible]4	35	1958	[illegible]	[illegible]	[illegible]49
23	1.[illegible]	33	1957	[illegible]	[illegible]	[illegible]961
24	1.1[illegible]	2	197[illegible]	[illegible]	[illegible]	1[illegible]59[illegible]
25	[illegible].31		1979	[illegible]	[illegible]	[illegible][illegible]3[illegible]
26	[illegible].[illegible]4	11	1958	4.	1 2	1[illegible]57
27	[illegible].47	12	1979	5.	127	1967
28	[illegible].[illegible]6	15	1955	[illegible]	[illegible]	[illegible][illegible]3[illegible]
29	[illegible].[illegible]7	21	1961	[illegible].3	[illegible]	1954
30	[illegible]. 0	20	1967	[illegible]	[illegible]	1[illegible]5[illegible]
31	[illegible].4[illegible]	11	1973	[illegible]	[illegible]	[illegible]7[illegible]
Monthly	3.5[illegible]	90	1954	5.0	127	1967

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

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

MONTH

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

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

DIRNAVOCEANMET–SMOS

NOAA, 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

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

14935 — STATION
GLENVIEW, IL — STATION NAME
45-69 — YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
45				45W	57NNE	49W	52NNE	62		45W	48SW	51SE	
46	55W	59WSW	52SSW	51W	47SSW	49				35W	43	45W	
47	ENE	51				SSW	42WNW	40NNE	41				
48	NE	80NW	51SSW	46WNW	48NNE	37WNW	45WNW	35WNW	48NW	51W	40		
49	[illegible]	41SSW	37SW	44W	52SW	54SE	44SW	35NW	55WNW	47E	32SW	47WSW	41 [illegible]
50	WSW	54ENE	41S	42NW	62SSW	53WSW	40S	32SW	29SSW	34WNW	37NW	42SSW	47 [illegible]
51			WSW	44ENE	46ENE	44	NW	52		S	48	SSW	57
52	W	44N	44N	47NNE	39SSW	37NE	49W	60SSW	49WNW	40NNE	48SW	64SW	31	SW	64
53	SSW	47WSW	52SSW	67WSW	59WSW	63WNW	57WSW	32NNE	33SSE	54NNE	33SE	32SW	44	WSW	63
54	WNW	47NNE	39WSW	60SW	44SW	46ESE	72NW	58SSW	28	WSW	37WNW	34ENE	47
55	WNW	39SSW	32E	57NW	62SSW	47W	35SSW	42NW	38W	32N	35WSW	47SW	34	NW	47
56	NNW	33WNW	41WSW	50N	58NNW	42W	36NW	36NW	45WNW	33NW	37WSW	48SW	47	N	58
57	SSW	43NNE	47WSW	49WNW	42SW	39S	39NW	43ENE	34W	36N	46W	48NW	38	WSW	46
58		NNW	29NNE	31N	40NNE	36N	34SW	29WNW	22	WSW	37SW	42WNW	32
59	SE	34WNW	33SW	46SW	36WNW	38SSW	31NW	45		SSE	29SW	42SE	37
60	NW	52NE	45NNW	57SW	45S	39NNE	36NW	39WNW	58SW	31SSW	37SSW	46SW	37	WNW	58
61	NW	33WSW	47SW	58SE	44NNE	39NW	38NW	30W	37WSW	40NNE	40S	45W	41	SW	58
62	SW	35WNW	41SSW	44WSW	42S	45SW	36NW	29W	31WSW	37WSW	35WSW	43W	38	S	45
63	W	34NW	35SW	42W	54WSW	39N	36N	38NW	48NE	41NW	27SSW	48S	42	W	54
64	NE	43SW	38NNE	50SW	47SW	52NW	41W	48W	42S	42S	37SSW	46S	34	SW	52
65	NE	34N	39W	47W	41WSW	43WNW	34NW	33NW	38W	39SW	31W	46N	48	W	48
66	W	37S	40W	44W	42W	43WNW	69NW	42N	30N	36W	40N	38E	30	WNW	69
67	S	48SW	48N	33S	61S	40SW	30S	26W	31NW	33S	39S	31W	29	S	41
68	W	31W	35SSW	36SW	43S	37	W	35WNW	42S	28SW	36NE	47W	43
69	S	36W	23N	39W	33SW	33SW	47NE	33SW	31SW	26S	39S	34E	32	SW	47
70	S	33SW	37NE	44NNE	44W	38W	49W	32W	30W	28S	40W	40W	42	W	49
71	27	4922	6727	4329	3727	3427	4656	3136	4220	3021	4121	3713	48	22	67
72	25	4625	3329	3706	3518	2920	3531	3136	3723	3429	3207	3929	37	25	49
73	23	3334	2721	4019	3720	3922	3136	4524	2828	30		02	38
74		35	4529	4127	3925	3024	3617	3135	2921	2521	3304	3003	38
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

14455 — STATION
GLENVIEW, IL — STATION NAME
45-82 — YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	21 57	26 41	09 37	21 40	20 54	26 35	04 27	20 26	02 31			21 32	
76		02 38	24 44	04 44	25 40	30 36	07 42	05 26	23 31	20 31	28 30	21 33	
77	23 39	28 44	22 50	25 43	27 39	19 35	27 35	28 42	27 34	24 33	29 34	22 35	22 [illegible]
78	22 42	34 29	22 39	30 36	27 33	23 42	30 50	21 52	11 34	24 30	22 37	22 36	21 [illegible]
79	13 31	01 36	29 35	27 55	36 42	19 35	22 25	11 39	26 25	29 39	23 31	01 47	27 [illegible]
80	20 47	32 34	30 36	02 39	19 34	22 36	23 57	25 48	23 35	21 36	20 33	03 38	23 57
81	26 35	25 35	01 41	27 49	01 41	20 39	06 35	25 34	25 37	17 [illegible]	01 40	20 34	17 [illegible]
82	26 44	22 32	25 46	26 53	24 36	30 34	33 35	09 38	29 24	23 39	19 42	19 44	26 53
MEAN	42.7	39.4	44.4	45.8	41.2	47.9	38.6	38.7	34.7	38.8	41.1	38.8	55.0
S.D	9.914	7.743	7.217	7.991	7.349	9.669	9.782	8.423	7.146	7.931	7.505	6.198	7.162
TOTAL OBS.	1013	982	1105	1139	1141	1144	1139	1143	929	1049	982	1113	12660

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

14..55 GLENVIEW, IL 45-8?
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													WINDS DAYS
46						NE 35 1?	SW 31 19						WINDS DAYS
47		WNW 32 14			WSW 43 27				SW 26 8		ENE 40 2?	47 23	WINDS DAYS
48												SSW 56 14	WINDS DAYS
51	SSW 38 20	NW 48 18				ENE 43 14		WNW 30 25	SSW 42 19	NW 46 26			WINDS DAYS
54									WNW 36 24				WINDS DAYS
58	WNW 31 26								SSW 39 19				WINDS DAYS
59								SSE 31 25	SW 50 19				WINDS DAYS
60						W 39 26							WINDS DAYS
73										25 9 2	03 18 1		WINDS DAYS
74	32 29 20												WINDS DAYS
75										22 39 26	26 44 24		WINDS DAYS
76	25 32 29												WINDS DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	GLEN IEW, IL	73-82	JAN

ALL WEATHER — CLASS

00 — 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	1.7	.7	.3							2.0	9.0
NNE		.2	.5	.7								1.3	9.0
NE			.4	.6								1.0	12.0
ENE		.2	.4	.3								1.3	7.0
E	.2	1.6	.8									2.9	5.3
ESE		.4	.4	.6								1.9	5.7
SE			.4	.3								1.0	10.3
SSE		.4	1.0									1.4	7.2
S	1.3	1.8	2.3	1.0								6.5	7.5
SSW		1.6	1.7	2.6								6.1	9.4
SW	1.3	2.3	1.6	.6	.3							6.5	6.6
WSW	1.8	3.3	3.7	.6								10.3	5.2
W	2.5	6.8	8.9	3.3	.6	.3						18.1	9.1
WNW	1.3	2.3	5.5	2.9								13.9	7.3
NW	1.3	2.3	3.4	1.3	.6	.3						9.7	9.8
NNW	1.3	1.3	2.3	.3								6.1	6.9
VARBL													
CALM												9.1	
	12.3	27.4	32.3	15.8	1.9	.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14643 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JAN (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	1.6	1.3								4.8	6.2
NNE		.3	.3	.3								1.0	5.7
NE	.2		.3	.3	.3							1.3	11.3
ENE		.3	1.0	.3								1.6	8.4
E		.3	.3									.5	6.0
ESE		.6	1.3	.6								2.6	8.6
SE		.5										.6	5.0
SSE	.3	.6	.6									1.6	6.2
S		1.3	1.6	1.6								4.5	6.9
SSW	1.0	2.5	2.3	1.9	.6		.3					8.7	9.3
SW	1.3	2.3	1.6	1.0								6.1	6.5
WSW	1.6	3.5	1.9	1.3								8.7	6.4
W	2.3	3.5	6.8	2.6	1.0	.3						16.5	8.3
WNW	1.6	3.9	3.5	2.9	.3							12.3	8.0
NW	.6	2.3	2.9	1.6	.3							6.7	8.4
NNW	.6	1.6	3.5	1.3								7.1	8.3
VARBL													
CALM												13.2	
	2.3	26.1	30.6	17.1	2.6	.3	.3					100.3	7.0

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)

14935 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JAN (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		.6	2.1	1.6								4.3	9.7
NNE		.3	.3									.6	5.5
NE		.6	.3	1.0								1.9	10.0
ENE		1.0		.3								1.3	8.3
E		.3	.6									1.0	6.0
ESE		.6	.6									1.3	7.3
SE			.6									.6	9.5
SSE	.3	.3	.6	.3								1.6	7.6
S	.3	1.3	2.9	.6								5.1	7.8
SSW	1.6	1.9	3.2	1.9	.3	.3						9.3	8.6
SW	.6	2.3	1.3	1.9								6.1	8.5
WSW	1.6	2.3	1.9	1.6								7.4	7.6
W	1.3	5.1	5.5	2.9	.6							15.4	7.9
WNW	1.9	2.9	3.9	2.9	.6							12.2	8.3
NW	.6	3.5	3.2	1.6	.3	.3						9.6	8.6
NNW	1.3	3.5	1.6	1.6								7.7	7.2
VARBL													
CALM												13.8	
	9.3	26.7	29.3	18.3	1.9	.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 311

NSN 7540-01-348-2701 STOCK NO. 1984 741 348 201 GPO U.S.

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14755 (STATION) SLL, NEW, NM (STATION NAME) 73-82 (YEARS) JAN (MONTH)

SLL 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	.3	.6	.6	.6	.6							2.9	10.3
NNE	.3		.3	.3								1.0	7.7
NE	.3		.6	.6								1.6	9.0
ENE	.3	.3	.6	.6								1.9	8.5
E		.3	.3	.6								1.3	11.0
ESE	.6	.6	1.0									2.3	6.3
SE	.3	.3	.3	.3								1.3	7.5
SSE		1.6	.6		.3							2.6	7.5
S	.6	1.0	3.2	1.0	.3							6.1	9.2
SSW	1.3	1.3	1.9	2.9								7.4	8.2
SW		1.0	3.2	1.6		.3						6.1	10.1
WSW	1.6	.6	2.3	1.6	.3							6.4	8.3
W	1.3	6.8	8.4	4.2	1.9							22.5	8.9
WNW	.6	1.6	3.5	3.2	.3							9.3	9.1
NW	1.3	2.6	4.2	2.3	.3							10.6	8.1
NNW	1.6	3.2	1.9	2.3								9.0	7.9
VARBL													
CALM												7.7	
	10.6	21.9	33.1	22.2	4.2	.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 311

3

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14[illegible] (STATION) [illegible]LEVIEW, IL (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		1.1	1.4	1.6	.3							4.4	10.2
NNE	.2	.3	.3	1.0								1.8	7.8
NE		.2	1.2	.3								1.8	8.3
ENE	.2	.6	.3	.3								1.4	6.6
E		.2	.3	.6								1.1	10.3
ESE	.2	.6	.2	1.3								2.3	8.9
SE	.2	.3	.3	.3								1.1	7.0
SSE	1.1	.3	1.3	1.1								3.8	8.0
S	.2	1.3	3.2	1.2	.3							7.4	9.2
SSW	.2	.6	2.6	1.8								5.2	9.3
SW		2.6	2.1	2.9	.3							8.1	9.8
WSW	.3	1.3	4.5	2.6	.3	.2						10.2	9.7
W	1.6	2.6	6.3	6.8	1.9	.3						29.2	10.7
WNW	.6	2.8	6.3	1.9	.3							12.3	8.7
NW	.6	1.6	3.9	1.3	.6							8.1	9.0
NNW	.2	2.3	2.3	1.6								6.5	8.8
VARBL													
CALM												3.2	
	6.5	20.3	38.1	28.8	4.2	.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 112

* 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) JAN (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	.4	1.5	1.6	1.9	.3							5.6	9.1
NNE		.3	.3	.3	.3							1.3	12.0
NE	.3	1.4	1.3	1.3								3.2	9.1
ENE		1.1	.6	.6								2.9	7.7
E	.6	1.3	1.3									2.4	5.5
ESE		.6	1.1	.3								2.3	9.1
SE		.4	1.3	.6								2.6	8.6
SSE		.3	.3	.3								1.3	9.0
S	.6	.4	2.6	1.9	.3							6.1	10.0
SSW	1.3	1.3	3.2	1.9	.3							7.4	9.6
SW		.3	1.6	1.6								3.9	10.1
WSW	.4	3.2	3.5	3.5	.3							11.9	9.0
W		4.5	7.7	7.7	2.3	.3	.3					22.9	11.1
WNW	1.3	2.4	4.8	2.3	.6							11.6	8.5
NW		1.6	2.3	1.9	.3							6.8	9.2
NNW	.4	1.3	1.3	.6								4.5	7.4
VARBL													
CALM												2.7	
	3.4	22.6	36.5	26.8	4.8	.3	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 312

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER 19
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	1.4									3.2	5.5
NNE		1.1	.3		.3							1.7	7.2
NE		.7		.6								1.0	10.0
ENE		.7	1.1	.3								1.5	8.8
E	.5	1.3	.6	1.7								3.5	6.4
ESE		.7	1.1									1.7	7.3
SE		.3	.7	.6								1.7	10.3
SSE		1.1	.7	.3								1.9	7.3
S	.3	1.1	3.3	2.6	1.0							8.7	10.4
SSW	.7	2.6	1.1	1.3								5.2	7.5
SW	1.3	3.2	1.1	.3								6.5	5.1
WSW	1.9	3.9	2.9	2.3								11.0	7.2
W	1.3	6.5	7.7	3.5	1.6							20.6	8.6
WNW	1.6	3.9	5.2	1.0	.6							12.3	7.6
NW	.3	1.3	1.6	1.6	.3							5.2	6.6
NNW	1.3	1.6	2.6	1.9								6.5	7.2
VARBL													
CALM												2.1	
	9.7	30.6	31.0	16.8	3.9							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 312

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], IL STATION NAME — 73-82 YEARS — JAN MONTH

[illegible] 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	.4	.7	1.0	1.1	.7							3.7	9.0
NNE	.3		.2									.5	6.0
NE		.3	.6	.5								1.6	9.4
ENE		.4	.5	1.0								2.3	9.9
E		1.0	.3	.6								1.9	7.3
ESE	.3	.6	.2									1.1	5.3
SE	.3		.4	.7								1.3	7.8
SSE	.3		1.0	.3								1.6	5.3
S	.4	2.6	1.4	1.6								6.0	7.8
SSW		2.6	3.2	2.3	1.3							10.5	10.3
SW	1.0	2.3	1.4	1.0	.3							6.1	6.6
WSW	1.3	2.3	3.3	.6								7.7	6.5
W	1.6	5.5	6.3	4.5	1.0							19.4	8.6
WNW	.4	5.2	3.9	1.6	.3	.3						11.0	7.9
NW	.6	1.3	2.3	1.3	.3							5.4	8.5
NNW	.3	1.3	1.4	1.3		.3						6.3	7.6
VARBL													
CALM												10.0	
	5.4	28.4	30.0	18.1	3.9	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 311

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 _____

ALL WEATHER
CLASS _____ 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	.2	1.1	1.2	1.1	.2							4.1	7.9
NNE	.1	.9	.3	.3	.1							1.2	7.7
NE	.1	.9	.6	.6	.2							1.7	9.7
ENE	.1	.4	.5	.5								1.0	8.4
E	.2	.3	.5	.4								1.3	7.3
ESE	.2	.3	.3	.3								1.1	7.1
SE	.1	.3	.2	.3								1.2	7.5
SSE	.2	.4	.3	.3	.1							1.3	7.7
S	.2	1.2	2.0	1.5	.2							5.4	6.9
SSW	.2	1.3	2.5	2.1	.3	.0	.0					7.4	9.1
SW	.9	2.3	1.9	1.4	.1	.0						6.4	7.7
WSW	1.4	2.9	2.1	1.2	.1	.0						9.2	7.6
W	1.5	5.2	6.2	4.5	1.4	.2	.0					19.4	9.1
WNW	1.2	3.1	4.5	2.3	.4	.1						11.6	8.1
NW	.5	2.1	3.2	1.6	.4	.1						8.1	8.7
NNW	.2	2.3	2.2	1.2		.1						6.7	7.6
VARBL													
CALM												8.6	
	9.1	25.5	32.7	20.2	3.4	.4	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2462

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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 _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] [illegible] [illegible] 77-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 07
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	.4	.7	.4	1.1	.4							2.9	10.0
NNE		1.1	1.1									2.1	7.0
NE	.4	1.1	.7	.7	.4							3.2	8.3
ENE		.7	.7	1.3	.4							3.1	11.5
E	.4	1.1	2.3									4.2	7.2
ESE		.4	.7									1.1	6.3
SE	.4	.7	.4									1.4	5.3
SSE	.7	.4	.7	.7								2.5	7.6
S	.7	.4	1.4	1.4								3.9	9.1
SSW	1.1	2.1	4.3	2.1	.4							9.9	9.7
SW	.7	2.1	1.8	1.4								6.0	7.4
WSW	1.1	2.3	1.8	.4								5.7	6.2
W	1.4	4.3	3.6	2.1								11.7	7.6
WNW	1.4	4.3	2.5	1.4								9.6	6.9
NW	.4	4.3	1.8	.7								7.1	6.5
NNW	.4	1.8	1.8	2.1								6.1	8.9
VARBL													
CALM												18.8	
	7.8	23.4	26.2	18.0	1.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 282

3

8MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14 [illegible] (STATION) [illegible] II (STATION NAME) 73-82 (YEARS) FEB (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	.4	1.0	.4	1.1		.4						3.5	9.0
NNE	.4	.4	.4		.4							1.4	9.3
NE	.4	.4	.7	1.1								2.5	9.0
ENE	.4	1.1	1.4	1.1	.4							4.3	9.8
E	.4	1.4	1.4	.4								3.9	7.5
ESE		.4	.4	.7								1.4	9.0
SE	.4	.4	.7	.7								2.1	8.0
SSE	.4	.4	.4									1.1	6.0
S	1.1	.4	1.4									3.2	6.2
SSW	1.4	2.5	3.2	3.2								11.3	8.2
SW	1.1	1.1	2.1	1.4	.4	.4						6.4	9.4
WSW	1.1	2.5	1.1	1.4								7.1	6.3
W	2.1	1.5	1.2	1.1								9.6	6.3
WNW	1.1	3.2	1.8	1.5								9.2	6.6
NW	1.1	1.3	2.1	1.1								7.4	6.7
NNW		2.5	2.5	2.1	.4							7.4	6.9
VARBL													
CALM												18.4	
	13.7	24.5	24.5	17.9	1.4	.7						100.1	6.3

TOTAL NUMBER OF OBSERVATIONS 282

*U.S. GPO 1984 [illegible] -48 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13 88 (STATION) CHARLOTTE, NC (STATION NAME) 73-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 09 (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	1.1	1.1	1.2								4.3	9.1
NNE		.4	1.4	.4	.7	.4						1.2	12.3
NE	.4	.4	1.1	1.4		.4						3.9	10.4
ENE	.4	.7	2.1	.7								3.9	8.5
E		.4	1.1	.7	.7							3.5	10.8
ESE		.7	1.1	.4								2.1	8.2
SE		1.1	1.4	.4								2.9	7.5
SSE		.7	.7	.4								1.8	7.8
S		.7	1.4	1.1								3.2	8.8
SSW	.1	2.1	5.3	2.5								12.1	7.6
SW	1.1	2.1	3.2	2.9	.4							9.4	8.7
WSW		.7	1.1	1.8								3.5	10.1
W	.7	4.6	3.2	2.1	.7							11.3	8.1
WNW	.7	3.9	2.9	1.8	.4							9.6	7.5
NW	1.1	3.2	2.8	1.8								8.9	7.6
NNW	.7	2.1	2.9	1.8	.4							7.8	8.7
VARBL													
CALM												8.5	
	7.4	28.9	33.3	22.0	3.2	.7						100.0	7.8

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] GLENVIEW, IL 73-77 FEB

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	.7	1.1	1.8	1.1	.7	.4						5.7	9.7
NNE	.4	1.1	1.1	1.4	.4	.4						4.6	10.7
NE	.7	.7	2.1	1.1	.7							5.3	9.3
ENE		1.1	1.4	.7								3.2	8.7
E	1.1	2.5	2.2	1.4	.4							8.2	8.2
ESE		.7	.7	.7								2.1	9.2
SE		.4										.4	6.0
SSE		.4	.7									1.1	7.7
S		1.1	2.1	2.1								5.3	9.7
SSW	.4	.7	1.4	5.7								8.3	11.3
SW	.7	1.4	3.5	2.8		.4						8.9	9.8
WSW		1.1	2.1	3.5	.4							7.1	11.0
W	1.1	3.5	4.6	5.0	.7							14.9	9.9
WNW	.4	2.5	1.8	2.1								6.7	8.2
NW		1.8	3.2	1.1	.7							6.7	9.1
NNW	.4	2.1	.7	2.8		.4						6.4	9.8
VARBL													
CALM												5.3	
	5.7	22.0	30.1	31.4	3.9	1.4						100.5	9.0

TOTAL NUMBER OF OBSERVATIONS 282

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13753 (STATION) GLENVIEW, IL (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		1.3	.7	2.5	.4	.4						5.7	11.1
NNE	.4	1.1	1.4	1.8	.7	.4						5.7	11.4
NE	.4	1.4	2.5	2.1								6.4	8.7
ENE		2.5	2.5	1.1								6.4	8.3
E		1.8	1.4	1.8								4.8	8.5
ESE		1.1	1.1									2.1	7.2
SE		1.1		.4								1.4	7.5
SSE			.4	.7								1.1	12.0
S	.4	.7	2.1	1.8	.4							5.3	9.6
SSW		.4	2.8	3.9	.4							7.4	11.2
SW	.4	.4	1.8	3.5	.4							6.4	11.1
WSW		.4	3.2	4.3	.4							8.2	11.2
W	.4	3.2	5.7	5.7	1.1	.7						16.7	10.7
WNW		1.8	3.2	3.2		.4						8.6	10.4
NW	.4	1.1	1.4	1.1								3.9	5.5
NNW		2.1	1.4	2.5		.4						6.4	10.3
VARBL													
CALM												3.7	
	2.1	20.2	31.9	36.2	3.5	2.1						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 282

3

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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) FEB (MONTH)

ALL WEATHERS (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	1.1	1.8	2.5	1.1	.7							7.1	8.6
NNE	1.4	.7	2.1	1.1	1.4							6.7	9.9
NE		1.1	2.1	.7								3.9	6.7
ENE	.7	1.1	.7	.7								3.2	6.4
E	1.1	2.3	1.4	1.1	.4							6.4	7.1
ESE	.4	1.8	.4									2.5	5.0
SE	.4	.7										1.1	4.0
SSE	.4	.7	.4	1.1								2.5	8.9
S	.7	1.4	2.1	1.8								6.7	8.5
SSW	.4	1.4	4.3	1.4								7.4	8.3
SW		2.1	2.5	2.8								7.8	9.0
WSW	.4	1.8	2.1	1.8	.4							6.9	9.1
W	1.4	6.0	6.4	2.5	.4							16.7	7.5
WNW	.4	2.1	1.8	1.8								5.3	7.5
NW		1.5	1.4	.7								3.7	6.5
NNW		.7	1.4	1.4								3.9	9.8
VARBL													
CALM												6.7	
	8.5	29.8	31.9	19.9	3.2							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 292

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14955 (STATION) GLENVIEW, IL (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	.4	.7	1.1	.7	.4							3.2	9.9
NNE	.4	1.1	.4	1.8		.4						3.9	11.4
NE	.4	1.1	1.1	1.1	.4							4.0	8.8
ENE		.7	1.8	1.1								3.5	9.2
E	.7	1.8	1.8	.7								5.0	7.3
ESE	.4		.4	.4	.4							1.4	9.5
SE	.7	.4	.7	.4								2.1	6.3
SSE	.4		.7	.4								1.4	8.0
S	.4	1.8	2.8	2.5								7.4	9.0
SSW	1.1	2.1	1.8	3.5	.4							9.6	8.8
SW	.7	2.1	3.2	1.1								7.1	7.6
WSW	1.1	2.5	2.1	.4								6.0	6.5
W	2.5	3.9	6.0	2.5	.7							15.6	7.8
WNW	1.8	2.1	1.1	.7								5.7	5.4
NW		.4	1.4	1.1								2.8	8.8
NNW		1.8	3.5	1.4	.4							7.1	8.9
VARBL													
CALM												13.3	
	10.6	23.0	30.5	19.5	2.5	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 282

*U.S. GPO 1984 741 348/201

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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 FEB

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	1.3	1.2	1.2	.4	.1						4.6	9.3
NNE	.6	.6	1.0	.9	.4	.2						3.6	10.5
NE	.3	.2	1.2	1.2	.3	.0						3.2	9.4
ENE	.2	1.0	1.2	1.1	.1							3.9	9.1
E	.4	1.6	2.0	.8	.2							5.1	7.9
ESE	.1	.2	.7	.3	.0							1.8	7.6
SE	.2	.2	.4	.3								1.1	6.8
SSE	.2	.2	.5	.4								1.3	8.3
S	.4	1.0	2.1	1.6	.0							5.1	8.9
SSW	.6	1.6	3.2	3.1	.2							9.2	9.0
SW	.5	1.7	2.7	2.1	.2	.1						7.6	8.8
WSW	.2	1.2	2.0	1.6	.1							6.2	8.5
W	1.4	4.4	4.7	2.9	.4	.1						14.0	8.1
WNW	1.1	2.3	2.1	1.6	.3	.0						7.4	7.4
NW	.6	2.6	1.9	1.1	.1							6.2	7.4
NNW	.3	1.7	2.1	2.0	.1	.1						6.3	9.2
VARBL													
CALM												11.4	
	.3	24.3	29.6	22.5	2.7	.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2256

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13751 (STATION) GLENVIEW, IL (STATION NAME) 73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 00 (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	.6	1.6	.6	.6							4.5	9.6
NNE		.3	1.3	1.0	.3							2.9	10.9
NE	.6	1.3	.3	.6	.6							3.5	8.7
ENE	.3	2.3	1.9	1.3								5.8	7.7
E	.3	1.3	1.3	1.0	.3							3.9	9.0
ESE	1.0	.3	.3	.6								3.2	5.5
SE		1.0	.3	.3								1.6	7.2
SSE	.3	1.3	1.0									2.9	6.4
S	1.0	1.9	1.9	1.0	.6							6.5	8.4
SSW		3.2	1.9	2.3	.3							7.7	9.0
SW	.3	1.0	1.6	2.3	.6							5.8	10.4
WSW	1.3	1.6	1.9	.6	.3							5.5	7.6
W	2.3	5.5	1.3	2.6								12.3	6.6
WNW	.6	1.0	3.5	.6	.3							6.1	8.0
NW		1.6	2.3	1.6								5.5	8.5
NNW	.3	1.0	.6	.3								2.3	6.9
VARBL													
CALM												10.0	
	10.0	24.8	24.2	16.8	4.2							100.0	6.5

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)

[illegible] WILMINGTON, NC (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	1.6	.6	.6							5.5	8.1
NNE		.6	1.1	.3								1.9	4.3
NE	.6	1.7	1.3	1.3								4.2	7.5
ENE		.6	1.6	.6	.3							3.2	10.5
E	.6	1.6	1.9	1.3								5.2	7.2
ESE		.3	1.1	.3								1.6	5.2
SE	.3	1.1	.6	.3								2.3	7.0
SSE	.3	.6	.3	.3								1.5	7.9
S	1.1	1.6	2.6	1.6								6.8	8.3
SSW	1.1	.6	1.6	1.1								4.2	7.8
SW	.3	1.3	2.9	1.9	.3							7.4	9.1
WSW	1.6	1.3	1.9	.6	.3							5.5	7.2
W	3.2	3.5	2.3	1.1	.6							11.3	6.8
WNW	1.9	2.3	2.6	1.1								7.4	6.6
NW	1.1	2.3	2.6	1.3								7.1	7.3
NNW	.3	.6	1.9	1.1	.3							4.2	9.4
VARBL													
CALM												26.3	
	17.9	21.9	28.4	17.9	2.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 312

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SMOS

*U.S. GPO 1984 741 448 /01

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) 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	1.0	1.[illegible]	1.4	1.9	.6							6.1	9.9
NNE	.4	1.[illegible]	1.[illegible]	.6	.6							4.[illegible]	8.4
NE	.[illegible]	1.[illegible]	1.5									2.5	6.4
ENE	.3	1.5	1.[illegible]	1.0								4.5	7.9
E	.3	1.3	1.3	.6	1.3							4.8	9.7
ESE		.6	.6	.3								1.[illegible]	8.4
SE		1.[illegible]	.3									1.3	5.8
SSE		1.[illegible]	.3	.3	.3							1.9	9.3
S	1.[illegible]	2.3	1.4	1.3	.6							7.7	7.5
SSW	1.3	1.[illegible]	1.3	2.3								5.3	8.6
SW	1.6	1.9	2.6	2.6								8.7	8.1
WSW	.3	1.[illegible]	.3	.3	.3							2.3	8.7
W	1.6	2.[illegible]	2.6	1.3								6.1	7.2
WNW	.[illegible]	2.6	3.2	1.0	.3							7.7	7.6
NW	1.[illegible]	1.[illegible]	1.[illegible]	1.3								5.2	7.1
NNW	1.3	1.[illegible]	3.2	.6								6.1	7.2
VARBL													
CALM												21.3	
	12.6	22.6	24.2	15.5	3.9							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 310

&US GPO 1984 741 348/701

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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 MAR

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	.4	.4	1.7	3.2	1.7							7.4	11.5
NNE		1.3	1.3	1.6								4.2	8.2
NE	.7	1.2	1.7	1.7								4.5	7.8
ENE	1.9	1.9	1.4	.6								4.2	7.5
E	.8	3.5	2.6	1.6								8.4	8.4
ESE	1.7	.7	1.3	.3								2.9	5.6
SE	.8	.6	1.0									2.6	6.9
SSE	.8	.6	1.4	.3								2.3	7.3
S	.7	1.1	4.2	2.3	1.1	.3						9.7	11.8
SSW	.3	1.6	3.2	1.3	1.0							7.4	9.6
SW	.6	.6	2.3	2.3	1.0							6.8	10.3
WSW	1.3	.6	1.6	1.2		.3						5.5	9.6
W		1.3	2.1	2.1	.3							6.8	10.1
WNW	.6	2.9	2.3	1.2								8.4	8.1
NW		2.5	2.1	1.6								6.8	8.4
NNW	.6	2.3	3.2	1.3								7.7	7.7
VARBL													
CALM												5.4	
	7.4	22.4	35.6	23.5	6.5	.6						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 510

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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 MAR

CLASS _____ HOURS (L S T) 1-

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 329

NUS 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 _____

CLASS _____ HOURS (L & T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

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 _____

* 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)

[illegible] / [illegible], IL / 72-82 / MAR
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	1.5	1.6	.5	.1						5.5	9.6
NNE	.4	1.5	1.7	1.5	.2							5.3	8.9
NE	.3	1.3	1.7	.6	.1							4.7	7.5
ENE	.4	1.6	1.5	.9	.3							5.1	7.6
E	.3	2.2	2.1	1.2	.3	.0						6.5	8.0
ESE	.2	.5	.8	.4								2.5	7.1
SE	.2	.3	1.3	.4								2.4	7.4
SSE	.2	.2	.3	.4	.1							2.3	8.2
S	.4	1.3	2.0	2.0	.3	.0						7.6	9.0
SSW	.4	1.3	2.2	1.9	.6	.1						6.4	10.1
SW	.6	1.3	1.7	2.3	.6	.1						6.5	10.0
WSW	.7	1.5	1.6	1.3	.3	.1	.1					5.5	9.2
W	1.4	2.6	3.2	3.1	.6	.0						10.6	8.9
WNW	.7	1.7	3.1	1.1	.2	.0						6.9	8.1
NW	.4	1.7	2.1	1.5	.3							5.3	8.3
NNW	.4	.9	1.8	.8	.2		.1					4.2	8.7
VARBL													
CALM												11.4	
	8.8	22.5	30.2	21.3	4.3	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2479

USCOMM-NOAA 1984 741-348/201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13856 (STATION) [illegible] (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	.7	2.0	2.3	1.0							6.3	10.8
NNE	1.7	2.7	2.0	1.3	1.0	.3						9.0	8.5
NE		1.3	1.7	1.3								4.3	2.6
ENE	.7	.7	.3	.7	.3	.7						2.7	11.3
E	.7	2.7	1.7	.3								5.3	6.3
ESE	.7	1.3	.7	.7								3.3	6.9
SE	.7	.7		.7								2.0	7.5
SSE	1.3	1.3	1.7	.3								4.7	6.3
S	2.3	1.7	2.3	1.7								8.7	7.2
SSW	1.7	2.7	1.7	1.3								7.3	6.2
SW	1.7	1.7	1.3	1.3								5.0	7.5
WSW	1.4	1.3	.7	.7								3.7	6.7
W	1.7	2.3	4.0	.7	.3							8.3	7.8
WNW		.7	1.7	1.7		.3						4.0	10.4
NW		.7	.7		.3							1.3	9.5
NNW	.3	1.3	.7	.3	.3							2.7	9.9
VARBL													
CALM												12.3	
	17.7	22.7	22.3	14.7	3.3	1.0						100.0	6.2

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)

[illegible] (STATION) GLENVIE, IL (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 07 (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]	2.[illegible]	2.3	.7							7.0	9.8
NNE	.3	1.7	1.[illegible]	.3	.7							5.7	7.3
NE	.7	1.3	1.3	.7	.7							4.7	8.9
ENE	.[illegible]	.7	.7	1.3								3.[illegible]	8.9
E	.3	1.7	2.3	.3	.3							5.0	7.8
ESE	1.7	1.[illegible]	.7	.7								3.7	6.3
SE	.3	.3	1.0	1.0								2.7	8.9
SSE		.7	1.0	.7								2.3	8.7
S	.7	2.3	2.7	1.3								7.0	7.6
SSW	.3	1.3	3.3	1.7	.3							7.0	9.1
SW	1.[illegible]	1.[illegible]	2.7	.3								5.0	7.4
WSW	.3	.7	1.3	.3	.3							3.0	8.2
W	1.[illegible]	2.7	2.[illegible]	1.3								7.0	7.4
WNW	.7	1.[illegible]	1.0	.7		.3						3.7	8.5
NW	1.3	1.7	1.0	.7	.3							5.0	7.2
NNW	.[illegible]	1.3	1.[illegible]	.3								3.[illegible]	6.9
VARBL													
CALM												25.7	
	11.0	21.0	25.0	14.0	3.3	.3						120.0	6.0

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348/201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] GLENVIEW, IL 73-82 APR
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	2.3	2.3	1.3								6.7	7.6
NNE	2.3	.7	1.7	1.7	.3	.3						6.7	9.0
NE	.7	1.7	1.0	.7	.7							4.7	8.1
ENE	.3	.7	2.7	.7			.7					4.7	9.5
E	1.0	1.7	1.7	1.7	.3	.3						6.0	8.3
ESE	.7	1.0	1.3	1.0								3.7	8.0
SE	.3	.7	.7									1.3	6.0
SSE	1.3	2.3	.7	.7	.7							5.0	7.7
S	1.3	2.3	1.7	2.0								6.7	7.9
SSW	.7	1.0	1.7	1.3								4.7	8.6
SW	.7	2.7	2.3	1.3		.7						6.7	8.5
WSW	.7	1.7	1.0	1.0								4.3	7.5
W	1.7	0.3	1.0	.7	.3							7.7	6.1
WNW	.7	1.3	1.7	.7								4.0	7.3
NW	1.3	.7	.7	2.3								4.7	8.9
NNW	.7	1.7	.7	.3								3.3	5.9
VARBL													
CALM												19.3	
	17.3	25.7	21.7	16.3	2.3	1.0	.3					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1 :59 (STATION) CLEVELE.. TI (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

(HOURS (L S T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	2.3	2.3	.3							8.7	9.5
NNE	.7	2.0	1.3	2.3	1.3	.3						8.0	11.0
NE			2.7	2.0		.7						5.0	12.2
ENE	.3	2.0	4.7	.3		.7						7.7	8.3
E	.7	2.3	1.7	1.3								5.7	7.5
ESE		.7	2.3	.3	.7							3.7	9.3
SE	.7	.7	2.3	.3								3.7	7.5
SSE	.3	.7	1.3	2.0								4.3	9.9
S		1.3	2.0	2.3	1.0							10.3	10.2
SSW		1.3	1.7	3.0	.3	.7						6.7	11.2
SW	.7	1.3	2.7	.7			.3					5.0	9.6
WSW	.3	1.7	1.3	2.7		.3						6.3	10.4
W	.7	.3	2.7	2.3	.7							6.7	10.1
WNW	.7	.7	2.0	1.3								4.7	9.2
NW	.3	1.3	2.3	1.3								5.0	9.1
NNW	.7		2.3	.3								2.7	9.0
VARBL													
CALM												6.7	
	5.3	17.0	38.7	26.0	4.0	2.0	.3					130.0	9.0

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13-52 (STATION) [illegible], IL (STATION NAME) 73-82 (YEARS) APR (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	3.0	.3							6.7	10.8
NNE	.3	.7	1.7	5.0	1.3							9.0	12.0
NE		1.7	3.[illegible]	1.0	.3	.7						6.7	10.5
ENE		1.7	5.7	1.0	.3							8.7	9.0
E		3.3	5.0	1.[illegible]	.3							9.7	8.3
ESE	.[illegible]	.7	1.7	1.7								4.3	9.6
SE			1.7	.7								2.3	10.9
SSE		.7	1.7	1.0								3.[illegible]	10.1
S	1.0	1.3	2.7	3.7	1.0	.3						9.3	10.6
SSW	.3	.7	2.7	3.7								7.3	10.5
SW			1.7	2.3	.3	.3						4.7	13.3
WSW		.7	2.[illegible]	1.[illegible]	1.[illegible]	.7	.3					5.3	13.4
W	.3	1.7	.7	3.0	.7	.7						7.0	12.0
WNW	.7	1.7	2.7	2.3	.3							7.7	9.3
NW		.7	.7	2.[illegible]								3.[illegible]	11.1
NNW		.7	2.0	.3								3.0	9.4
VARBL													
CALM												2.0	
	3.0	16.7	37.7	32.0	6.0	2.3	.3					100.0	10.3

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]	ULE VIEW, IL	73-82	APR

CLASS: ALL WEATHER

HOURS (LST): 15

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7		2.7	3.7		.3						7.0	11.3
NNE		1.7	4.7	6.0	.3							12.7	10.8
NE		3.3	4.7	1.7	.3	.3						9.3	9.3
ENE	.7	1.0	6.0	1.3	.3							9.0	8.7
E		3.0	5.7	2.0								9.7	8.5
ESE		1.0	2.7	1.7	.3							5.3	9.6
SE			1.7									1.3	9.0
SSE	.7		.7	2.0								3.0	11.1
S	.7	.3	2.0	1.0	1.3							7.0	12.6
SSW		1.3	2.7	2.7	.7							7.3	10.5
SW		2.0	1.0	2.0	.7							5.7	10.6
WSW	.3	.3	1.0	1.7	.7	.7						4.7	13.5
W	.7	.3	2.7	2.0	1.7	.7						7.3	13.5
WNW		.7	2.7	1.0	.7							4.7	11.0
NW			1.7	2.7								4.3	11.8
NNW		.3	.7		.3							1.3	11.5
VARBL													
CALM												.3	
	2.3	11.0	42.0	33.3	7.3	2.0						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 300

*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)

13755 (STATION) BLOUNTVILLE, TN (STATION NAME) 73-92 (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	.7	2.3	3.3	.7							7.3	11.2
NNE	.7	1.3	3.3	2.7	.3	.3						10.7	9.2
NE	1.3	1.3	3.7	2.3	.3							10.7	8.1
ENE	.7	3.7	1.7	1.3								7.3	6.6
E	.7	4.7	4.3	.7								10.3	6.8
ESE	.7	3.3	2.3									6.3	5.7
SE	.3	1.3	1.7	.7								4.0	7.6
SSE	.3	.7	1.0	.3								2.3	7.6
S		.3	1.7	4.0	.3							6.3	12.3
SSW		.7	2.7	1.0	.3							4.7	9.8
SW	.7	1.7	1.7	2.3								6.3	9.1
WSW		.7	2.3	1.7								4.3	9.9
W	.3	.3	3.0	3.7	.7	.7	.3					9.0	13.3
WNW	.7	.3	1.7	1.3	.7							4.7	10.0
NW	.3	.7	.7	.3								1.7	7.0
NNW			2.3									2.3	9.0
VARBL													
CALM												2.0	
	6.3	25.3	37.7	25.3	3.3	1.0	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348 /01

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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	1.7	1.7	4.7	2.7	1.7	.7						11.7	10.0
NNE	.3	1.7	2.7	1.7								5.7	7.7
NE	.7	1.7	1.7	1.3	.3							4.7	8.4
ENE	.7	1.3	.7	1.3	.3							3.3	6.7
E	1.3	.3	2.3	1.3								5.3	6.3
ESE	.7	2.3	.7	.3								3.7	5.5
SE	1.3	.7	.7		.3							3.3	6.2
SSE	.7	.7	2.3	.7								4.3	7.8
S	1.3	2.7	2.7	1.3	.7							8.7	7.5
SSW	1.3	.7	1.7	1.3								4.3	6.7
SW	1.3	2.3	.7	1.3								5.3	7.7
WSW	1.3	1.3	2.3	.7								4.7	9.9
W	.7	1.7	2.3	2.3	.7	.3	.7					7.3	10.7
WNW	.7		1.3	.7								2.7	8.5
NW	.3	.3		.3								1.3	5.5
NNW		.3		.3								.7	5.0
VARBL													
CALM												11.7	
	11.7	21.3	23.7	15.3	3.0	1.0	.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 300

NAVSO 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] [illegible] 73-A APR
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	.4	1.4	2.5	2.7	.5	.1						7.6	11.1
NNE	1.1	1.3	2.3	2.5	.7	.2						8.1	9.7
NE	.6	1.4	2.4	1.3	.3	.2						6.2	9.2
ENE	.4	1.4	2.7	1.1	.3	.1	.0					5.4	8.5
E	.5	2.6	2.1	1.5	.1	.1						7.1	7.5
ESE	.3	1.4	1.1	.6	.1							4.2	7.6
SE	.5	.6	1.1	.4	.1							2.8	7.9
SSE	.3	.7	1.2	1.3	.1							3.5	8.6
S	1.1	1.3	2.3	2.3	.6	.1						8.1	9.4
SSW	.6	1.2	2.2	1.9	.2	.1						6.1	8.2
SW	.6	1.5	1.7	1.4	.1	.1	.0					5.4	8.2
WSW	.5	1.1	1.6	1.2	.2	.1	.0					4.5	8.6
W	.7	1.7	2.3	2.2	.6	.1	.1					7.5	10.1
WNW	.3	.7	1.2	1.2	.2	.1						4.5	9.2
NW	.3	.7	.9	1.2	.1							3.2	9.1
NNW	.3	.7	1.2	.7	.1							2.4	8.2
VARBL													
CALM												12.7	
	9.8	20.1	35.1	27.1	4.1	1.3	.2					100.1	8.2

TOTAL NUMBER OF OBSERVATIONS 2400

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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 MAY

CLASS ALL WEATHER

CONDITION _____

HOURS (L S T) 00

SPEED (KNTS) DIR.	1 - 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	.9	1.7	.6	.2						6.5	6.2
NNE	1.4	1.8	2.4	1.6		.2						6.4	7.6
NE		1.2	1.2		.2							3.6	5.4
ENE	1.2	.8		1.0								3.0	5.5
E	1.2	1.4	1.4	.8								3.8	6.2
ESE	.8	1.4	.8									1.6	5.3
SE		1.4										1.6	5.4
SSE	.8	1.2		.6								2.6	6.6
S	1.2	1.6	2.2	1.2								6.1	7.1
SSW	1.4	1.8	1.4	1.2	1.4							7.2	9.1
SW	.8	2.2	1.8	.8	.8							6.4	7.6
WSW	2.8	1.8	1.4									5.4	4.4
W	1.4	2.2	1.4									4.8	5.4
WNW	.8	1.2										1.6	7.0
NW	.8	1.4	.8									1.6	4.4
NNW	1.4	.8	.8	.8								1.6	5.2
VARBL													
CALM												36.9	
	14.5	24.2	14.5	7.7	2.3	.8						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

NAVSO (RP) 1984 741-448 201

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													

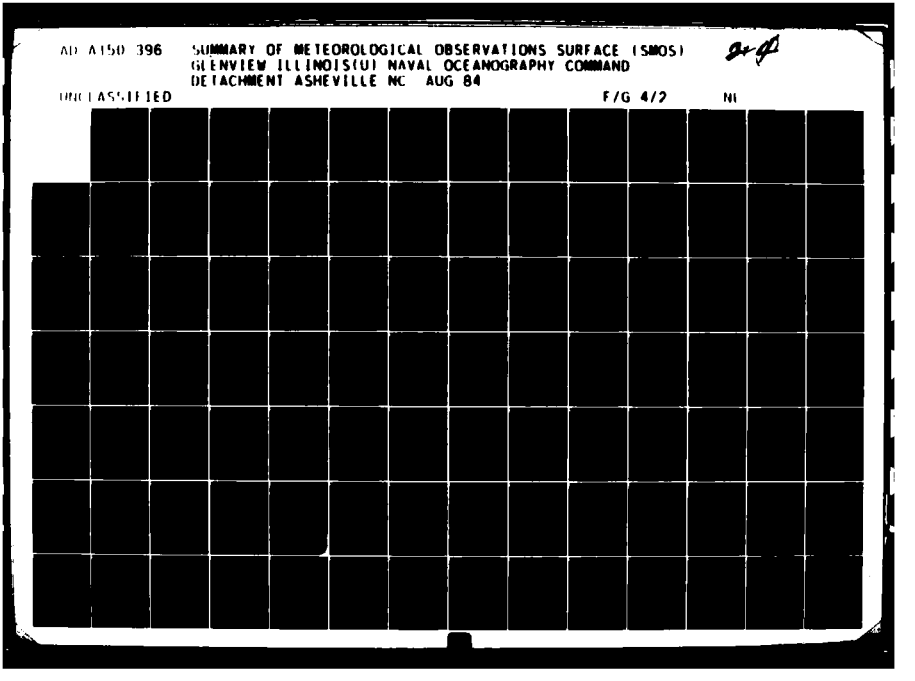
TOTAL NUMBER OF OBSERVATIONS _____

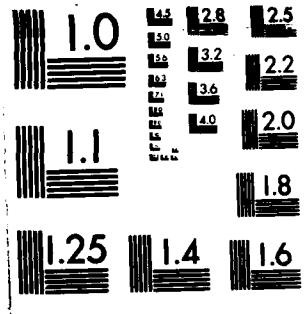
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SMOS

AD A150 396 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2 of 2
GLENVIEW ILLINOIS(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

SURFACE WINDS

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

14855 (STATION) GLENVIEW, IL (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	1.0	1.9	1.6	1.9		.6						7.1	8.6
NNE	1.6	1.9	1.0	1.3								5.8	6.8
NE	1.0	1.0	1.6	1.0								4.5	6.8
ENE	2.3	1.9	1.0	.6								5.8	5.5
E	1.0	2.6	1.0	.3								4.8	6.1
ESE	1.3	.3										1.6	2.8
SE													
SSE	1.6	1.0	.6									3.2	4.6
S	1.3	2.3	2.6	.6								6.5	6.8
SSW	1.6	1.6	2.3	2.3								7.7	7.8
SW	.3	1.9	1.3	1.0								4.5	7.5
WSW	1.3	2.3	1.0									4.2	5.6
W	2.6	2.9	1.0	.3								6.8	4.7
WNW	.3	2.6	.3	.3								3.5	6.1
NW		2.3	.6	.3								3.2	6.3
NNW		1.3	1.0									2.3	6.9
VARBL													
CALM												28.4	
	16.5	27.7	16.8	10.0		.6						100.0	6.6

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)

14753 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (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	1.7	.6	1.6	1.6	1.0	.3						6.1	11.2
NNE	.3	3.5	2.4	2.6	1.3	.3						10.3	9.8
NE	1.3	2.9	1.0	1.9								7.1	7.3
ENE	1.3	4.2	2.3	1.6								9.4	6.8
E	1.0	2.9	2.3	1.0								7.1	7.3
ESE		2.6	.3									2.9	5.1
SE	.6	.3		.3								1.3	5.0
SSE	.3	.3	1.0									1.6	6.6
S	.6	1.0	3.9	3.2	.3							9.0	9.7
SSW	.6	1.6	4.2	2.3	.6							9.4	9.2
SW	.6	2.3	3.2	1.3	.3							7.7	8.0
WSW	.6	.6	2.3	1.3	.3							5.2	9.3
W	1.3	1.9	1.3	1.6								6.4	7.2
WNW		2.6	2.9	1.0								6.5	7.9
NW	1.0	1.0	1.6									3.5	5.6
NNW	.3		1.0									1.3	7.0
VARBL													
CALM												5.8	
	10.6	28.8	31.3	19.7	3.5	.6						100.0	7.7

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)

14355 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (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		1.7	1.9	1.9							5.5	13.8
NNE	.3	2.2	3.5	2.9	.6							10.3	9.3
NE		2.9	2.9	3.5	.3							9.7	9.2
ENE	.6	3.5	5.8	.6								10.6	7.3
E	.6	3.2	6.8	.3	.3							11.3	7.5
ESE	.3	2.6	1.3	.6	.3							5.2	7.6
SE	.3		.6									1.0	6.3
SSE	.3		.3	.6								1.3	10.8
S	.3	2.6	1.3	3.2	.6							8.1	9.8
SSW	.6	1.6	3.2	3.5	.3							9.3	9.6
SW		1.0	.3	1.6	.3			.3				3.5	13.7
WSW	.3	1.9	2.6	1.6								6.5	8.8
W	.3	2.3	2.9	2.9								8.4	8.7
WNW		1.6	1.9	.6	.3							4.5	8.6
NW	.3	.3	2.3									2.9	7.7
NNW		.3		.3								.6	9.0
VARBL													
CALM												1.3	
	3.8	26.8	37.1	29.3	3.2			.3				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 310

NAVMETO 8 (REV. 1-80) S/N 0102-LF-008-0600

*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)

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (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	.3	.6	1.9	1.0	1.4	1.0						6.5	13.7
NNE		1.9	4.8	1.6	1.0	.3						9.7	10.0
NE	.6	4.2	4.8	2.9	.6							13.2	8.5
ENE		4.5	6.5	.3								11.3	7.8
E	1.0	2.4	7.4	1.9								12.9	7.9
ESE	.3	1.0	3.9	1.6								6.8	9.1
SE		.6	1.0									1.6	6.8
SSE			1.0	.3								1.9	6.5
S	.3		1.0	3.9	.6	.3						6.1	13.5
SSW	.3	.6	2.6	1.6	.3							5.5	9.6
SW		1.6	1.0	1.9	.3							4.8	10.3
WSW	.6	1.0	.6	1.3								3.5	8.8
W		1.0	2.3	4.2	.3							7.7	11.7
WNW	.3	.6	1.9	.6								3.5	8.8
NW			1.6	.3								2.3	10.4
NNW			.3									.3	10.0
VARBL													
CALM												2.3	
	4.8	20.3	42.9	23.5	4.8	1.6						100.0	9.3

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)

14955 GLENVIEW, IL 73-82 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 18

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.6	1.6	1.6	.3						6.1	12.7
NNE	1.3	2.9	5.8	2.3	.6							12.9	8.9
NE	.3	4.5	2.3	1.3								8.9	7.0
ENE	3.2	3.5	4.2	.3								11.3	5.6
E	2.6	9.4	2.9	.6								15.5	5.5
ESE		4.2	2.9	.6								7.7	6.9
SE	.3	2.3	.6	.3								3.5	5.8
SSE	.3	.3	.3	.3								1.3	8.3
S	.3	.3	1.9	2.9		.3						5.8	10.9
SSW		.6	2.3	2.3								5.2	10.7
SW	.3	1.0	1.3	.6	.3							3.5	8.8
WSW	.6	1.3	.6	1.9								4.5	8.3
W	.6	.6	2.3	1.6	.6							5.8	10.1
WNW		1.0	1.9	.6								3.5	8.3
NW		.3	1.0	.6								1.9	9.3
NNW			.3									.3	8.0
VARBL													
CALM												2.6	
	10.3	32.9	32.3	18.1	3.2	.6						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 310

WU.S. GPO 1984-741-348/201

ENDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14955 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (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	1.4	1.0	3.2	1.3	.6							7.7	8.8
NNE	1.0	3.9	2.6	1.9	.6							10.0	7.9
NE	1.6	1.6	1.9	.6								5.8	6.3
ENE	2.6	2.3	.6									5.5	6.2
E	1.2	2.6	.3									4.1	3.7
ESE	1.0	2.9	1.0									4.8	5.3
SE	1.6	2.9	1.0	.3								5.8	5.3
SSE	1.6	.3	.3									2.3	3.7
S	1.6	2.9	1.6	2.3								8.8	7.2
SSW	.3	1.3	1.0	1.3	.3							4.2	9.6
SW		1.9	.6	.6								3.2	6.6
WSW	.6	1.9	1.9	.3								4.8	6.3
W	1.0	2.6	1.6									5.2	5.5
WNW	1.0	.3	.3	.3								1.9	6.2
NW		1.0	.6									1.6	7.0
NNW	.3	.6	.6									1.6	5.8
VARBL													
CALM												21.0	
	19.0	30.0	19.8	9.0	1.6							100.0	5.1

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)

14655 (STATION) GLENVIEW, IL (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	.9	1.1	1.7	1.5	1.0	.4						6.7	10.5
NNE	.5	2.5	3.1	1.9	.5	.1						9.0	9.6
NE	.9	2.7	2.2	1.5	.2							7.3	7.6
ENE	1.5	2.7	2.6	.6	.0							7.4	6.9
E	1.4	3.0	2.9	.6	.0							8.0	6.6
ESE	.8	1.9	1.3	.8	.0							4.0	6.7
SE	.4	1.0	.4	.1								2.0	5.5
SSE	.7	.5	.6	.3								2.1	6.5
S	.8	1.7	2.1	2.2	.2	.1						7.1	8.9
SSW	.6	1.3	2.5	2.0	.3							6.8	9.2
SW	.4	1.9	1.2	1.0	.2			.0				4.7	8.2
WSW	1.0	1.7	1.3	.8	.0							4.9	7.0
W	1.2	2.1	1.7	1.3	.1							6.5	7.4
WNW	.8	1.5	1.3	.8	.0							3.7	7.0
NW	.8	.8	1.1	.2								2.9	6.8
NNW	.3	.3	.5	.1								1.2	6.5
VARBL													
CALM												16.3	
	12.3	26.9	28.7	18.8	2.7	.6		.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2980

#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)

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUL. (MONTH)

ALL WEATHER (CODE)

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	1.3	.7	.7	.3								4.3	7.9
NNE	1.0	1.3	2.0	.7								5.0	6.9
NE	.3	2.7	1.0									4.0	5.6
ENE	1.0	1.3	.7	.3								3.3	5.8
E	.3	1.3	.3									2.0	4.7
ESE	.3											.3	3.0
SE	.7		1.0									1.7	6.0
SSE	.7	.7										1.3	3.5
S	1.0	2.0	4.3	.7								8.0	7.3
SSW	.7	3.7	2.0	1.7								8.0	7.3
SW	1.0	2.0	2.0	.7								5.7	6.8
WSW	.7	3.3	1.7									5.7	5.8
W	1.3	3.3	2.0	.3								7.0	5.6
WNW	1.3	1.0	1.3									3.7	5.5
NW	.7	.7	.7									2.0	5.3
NNW	1.3	1.0		.3								2.7	4.8
VARBL													
CALM												35.3	
	13.7	25.0	19.3	6.7								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14858 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUN (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	1.3	1.3	1.3	1.7								5.3	7.8
NNE	.3	2.3	1.7	1.3	.3							5.3	8.4
NE	1.3	.3	.7									2.3	4.6
ENE	.7		.7									1.3	5.8
E		1.3										1.0	4.7
ESE	.7	.3										1.0	3.0
SE	.7											.7	3.0
SSE	1.3	1.7	.3	.3								3.3	6.0
S	1.7	3.3	1.7	.3								7.0	5.4
SSW	1.7	3.0	2.3	1.3								8.3	6.9
SW	1.7	4.7	2.3	.3								9.0	5.8
WSW	1.7	3.3	.7	.3								6.0	4.7
W	1.7	1.7	2.0	.3								5.7	5.5
WNW	2.0	1.7	.7									4.3	4.0
NW		.7	.7									1.3	6.3
NNW	.7	.3	.7		.3							2.0	7.5
VARBL													
CALM												36.0	
	16.7	25.3	15.7	5.7	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 300

NUS. GPO 1984 741-348/201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14755 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUN (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	2.5	1.7	1.3	.7								5.7	5.9
NNE	1.0	2.0	1.7	.7								5.3	6.3
NE		1.0	.7	.7								2.3	8.1
ENE	.3	1.0	.3	.3								2.0	5.8
E	.7	1.3										2.0	4.5
ESE		.7	1.3	.3								2.3	7.7
SE		1.7										1.7	5.8
SSE	.3	1.0	.3	.3								2.0	7.2
S	1.7	3.3	1.7	.3								7.0	5.4
SSW	1.3	4.3	4.3	1.3								11.3	7.2
SW	.3	3.3	2.3	.7								6.7	6.6
WSW	1.0	5.7	2.3									9.0	5.5
W	2.0	4.7	2.7	.3								9.7	5.7
WNW	1.0	.7	1.0									2.7	5.9
NW	.7	1.7	.3									2.3	8.9
NNW	.3	1.7	.3		.3							2.7	6.4
VARBL													
CALM												25.3	
	12.3	35.7	20.7	5.7	.3							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 300

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

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] GLENVIEW, IL 73-82 JUN
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	1.3	1.0	2.7	.7		.3						6.0	7.8
NNE		2.0	4.7	2.0								8.7	8.7
NE	1.0	2.7	1.0	.3								5.0	5.9
ENE	1.0	1.3	1.3	1.0								4.7	7.3
E	.7	1.0	.3	.3								2.3	5.6
ESE		.7	2.3	.3								3.0	8.3
SE	.3	1.3	1.3	.7								3.7	6.8
SSE	.7	1.0	.3	.3								2.3	5.9
S	.3	2.7	3.3	.7								7.0	7.6
SSW		2.3	6.3	2.3								10.7	8.9
SW	.3	3.3	1.3	2.0								7.0	7.8
WSW	.3	3.0	4.0	3.0								10.3	8.4
W	1.7	3.3	5.3	1.7								12.0	7.5
WNW	.3	1.7	2.0	.7	.3							5.0	8.3
NW		1.0	1.3									2.3	6.6
NNW	.3	.3	1.7									2.3	7.4
VARBL													
CALM												7.7	
	8.3	28.0	39.3	16.0	.3	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

AU.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14[illegible] [illegible]. IF[illegible]. IL — STATION / STATION NAME — 73-82 YEARS — JUL 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		.7	.7	2.3								3.7	10.5
NNE	.3	.7	2.7	1.7		.3						5.7	10.0
NE	.3	1.3	4.7	2.3								8.4	8.5
ENE	.3	3.7	2.3	1.3								7.7	7.0
E	1.3	3.7	6.4	.7								11.7	7.0
ESE	.3	.7	.7									1.7	5.6
SE	.7	.7	1.0	.7								2.7	8.3
SSE		.7	1.0	.7								2.3	9.6
S	.3	1.7	3.3	2.0	.3							7.7	9.3
SSW		2.3	3.7	2.7	.3	.3						9.4	9.8
SW			3.0	2.3								5.4	10.8
WSW	.3	2.3	3.3	2.7								8.7	9.3
W	1.3	3.7	5.7	3.3	.3							14.0	8.7
WNW	.7	2.0	.7	3.0								6.0	9.7
NW		1.0	.3	.7								2.0	8.3
NNW		.7	.7	.7								1.7	8.0
VARBL													
CALM												1.3	
	4.7	25.8	40.1	26.8	1.0	.7						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 299

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) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 15 (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	1.3	1.3	.7							4.0	11.7
NNE	.3	1.0	3.3	2.0	.3							7.0	10.0
NE	.3	3.7	3.7	1.3	.3							9.0	8.4
ENE	.3	3.3	4.7	1.3								9.3	7.5
E		3.0	7.0	.7								10.7	7.9
ESE		.7	4.3	.3								4.7	8.0
SE	.7	.7	1.7									2.7	7.3
SSE		.7	1.7									2.3	9.1
S		2.0	1.3	2.7	.3							6.3	10.4
SSW	.3	1.0	3.0	3.3								7.7	9.7
SW	.7	2.0	2.3	2.7	.3							7.7	9.4
WSW		1.3	1.7	1.7								5.7	8.5
W	.7	2.0	4.7	4.3	.7							12.3	9.9
WNW	.7	1.0	2.3	1.7		.3						5.7	10.1
NW	.3		.3	.3								1.0	9.0
NNW		.7	1.0	.3								1.7	8.4
VARBL													
CALM												2.3	
	1.3	21.3	44.0	24.0	2.7	.3						100.0	8.9

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)

14-SE — STATION
OLIVIER, IL — STATION NAME
73-82 — YEARS
JUN — MONTH

ALL WEATHER — CLASS
18 — HOUR (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	1.3	2.3								4.0	10.6
NNE	.7	1.3	4.3	2.7	.3							9.3	8.8
NE	1.0	2.7	2.0	1.0								6.7	7.0
ENE	1.3	5.0	3.0	.3								9.7	6.0
E	.7	7.7	3.0									11.3	5.6
ESE	.3	3.0	4.3									7.7	6.7
SE		1.7	1.7									3.3	6.3
SSE		.7	1.7									2.3	6.7
S	.3	1.3	3.7	1.3								6.7	8.7
SSW		1.3	3.0	1.7								6.0	9.3
SW		.7	1.3	1.7								4.0	9.7
WSW	.3	2.0	1.7	1.3								5.3	8.3
W	1.3	2.0	5.0	2.3	.3							11.0	8.8
WNW	1.0	1.3	2.3	1.0								5.7	7.2
NW	.7	1.0	.7		.3							2.3	7.0
NNW	.3	.3	.3	.3								1.3	6.5
VARBL													
CALM												3.3	
	6.0	32.3	39.3	16.0	1.0							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984 741 348 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14855 (STATION) GLENVIEN, IL (STATION NAME) 73-82 (YEARS) JUN (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	2.7	2.7	1.0								7.0	7.3
NNE	1.7	3.7	1.3	1.0								7.3	5.8
NE	.7	2.0	1.7									4.0	5.3
ENE	1.0	1.7	1.3	.3								4.3	5.8
E	2.3	1.0	.3									3.7	3.5
ESE	2.0	1.3		.7								4.0	5.3
SE	1.7	1.3										3.0	3.6
SSE	.7	1.0	.3									2.0	4.8
S	1.7	4.0	2.0	1.7								9.3	6.7
SSW	.7	2.7	2.7	.7								6.7	7.0
SW	.7	1.3	2.7	.7								5.3	7.3
WSW	2.0	1.7	1.0									4.3	4.8
W	.7	5.0	2.3	.7								8.3	6.0
WNW	.7	.3										1.0	3.3
NW		.7	.3									1.0	6.3
NNW		.7	.3									1.0	6.3
VARBL													
CALM												27.7	
	17.0	30.7	18.0	6.7								100.0	4.3

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)

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.4	1.5	.1	.0						5.0	8.4
NNE	.7	1.8	2.7	1.5	.1	.0						6.7	8.2
NE	.6	2.0	1.9	.7	.0							5.2	7.1
ENE	.3	2.1	1.8	.6								5.3	6.6
E	.7	2.5	2.2	.2								5.6	6.3
ESE	.5	.8	1.6	.2								3.1	6.7
SE	.5	.9	.8	.2								2.4	6.2
SSE	.4	.9	.7	.2								2.3	6.6
S	.9	2.5	2.7	1.2	.1							7.8	7.5
SSW	.6	2.5	3.8	1.8	.0	.0						8.5	8.2
SW	.5	2.2	2.2	1.4	.0							6.3	7.8
WSW	.8	2.9	2.0	1.1								6.9	7.0
W	1.5	3.2	3.7	1.7	.2							10.0	7.6
WNW	.9	1.2	1.3	.8	.0	.0						4.3	7.5
NW	.2	.5	.4	.1	.0							1.5	6.6
NNW	.8	.7	.6	.2	.1							1.9	6.8
VARBL													
CALM												17.4	
	10.5	28.7	29.4	13.8	.8	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2399

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

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14355 (STATION) GLENVIEW, IL (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	1.6	1.9	.6	.6								4.8	5.5
NNE	1.6	1.3	1.3									4.2	4.8
NE	.6		.6									1.3	5.8
ENE		.6	.3	.3								1.3	8.0
E	1.3	.6	.3									1.9	4.0
ESE	.3	.6	.6									1.6	6.4
SE	.6	.3	.3									1.3	4.5
SSE	1.6	.3	.3									2.3	3.3
S	1.0	1.0	2.9	.3								5.2	6.9
SSW	1.9	3.9	2.9	1.0								9.7	6.3
SW	2.3	1.9	2.3									6.5	5.5
WSW	2.6	2.6	1.0	.6								6.8	5.2
W	1.6	4.5	1.9									8.1	5.2
WNW	.3	1.3										1.6	3.6
NW	.6	2.3										2.9	4.1
NNW	1.3	.6										1.9	3.5
VARBL													
CALM												38.7	
	19.0	23.9	15.5	2.9								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 310

EMOS

W.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)

13855 (STATION) CLEVELAND, IL (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(OBSERVER)

SPEED (KNTS) DIR.	1 - 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	1.9	1.3	.6								3.2	6.7
NNE		1.3	1.6	.3								3.2	7.0
NE	.3	.6	.6	.6								2.3	7.6
ENE	.3	.6	.3	.3								1.6	7.2
E		.3	.3									.6	6.5
ESE	1.3	.6	.6									2.3	5.1
SE													
SSE	.3	.3										.6	4.0
S	.6	2.6	.3	.3								3.9	5.2
SSW	1.3	3.6	2.9	.6								8.1	6.6
SW	1.3	2.6	1.6	.6								5.8	6.5
WSW	2.6	2.3	2.9	.3								8.1	6.1
W	1.6	1.9	2.6	.6								6.8	6.8
WNW	1.6	.3		.3								2.3	3.9
NW	1.3	1.0	.3									2.3	4.1
NNW	2.3	.6	.3									3.2	3.8
VARBL													
CALM												43.7	
	18.2	20.7	16.5	8.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 309

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)

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUL (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	2.6	2.6	1.7	1.3	.3	.3						8.9	7.2
NNE		1.6	1.6	.3								3.5	7.1
NE	1.9	.6	1.0	.3								3.9	5.4
ENE	.7	.6	1.0	.3								2.3	7.6
E	.3	.3	.6		.3							1.6	8.8
ESE		.7	.3									.6	7.0
SE	.3	.3	.6									1.3	6.6
SSE	.7	.3		.3								1.0	6.3
S	2.9	3.9	1.3									8.1	4.6
SSW	1.3	1.6	1.3									4.2	5.6
SW	.6	3.9	1.3	.3								6.1	5.9
WSW	1.0	2.6	2.6	.3								6.5	6.3
W	2.9	5.5	2.9	.3								11.6	5.3
WNW	1.3	.6	1.0									2.9	5.7
NW	1.6	.6	1.0									3.2	4.9
NNW		1.9										1.9	5.3
VARBL													
CALM												32.9	
	17.8	27.8	17.7	3.5	.6	.3						100.0	3.9

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

ALL WEATHER CLASS / 09 HOURS (L.S.T.)

OBSERVER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.0	1.4								3.9	8.5
NNE	.4	2.3	3.6	1.0								7.7	8.0
NE	.4	1.2	2.9	1.3								5.1	7.8
ENE	1.9	2.4	2.4	1.0								8.1	6.2
E	.4	1.3	.4	.3	.3							3.2	7.0
ESE		1.3	.4	.3								2.3	6.7
SE	.4	.4		.4								1.9	6.3
SSE	.3	.4	1.3	.3								2.4	6.9
S	1.9	2.0	1.9	.4								7.4	6.0
SSW	.4	1.2	1.2	.4								7.7	6.8
SW	.4	3.8	1.5	1.0								10.0	6.8
WSW	1.4	2.9	2.6	.4								7.7	6.3
W	1.4	3.5	3.2	2.9								12.3	7.8
WNW	1.3	1.9	1.3	.3								4.5	5.9
NW	1.0	.3	2.3									3.5	6.7
NNW	.4	1.9	.3									2.9	5.0
VARBL													
CALM												6.1	
	13.9	35.8	31.7	12.4	.3							100.0	6.5

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)

14 55 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUL (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	2.6	.6								3.9	8.9
NNE		1.3	3.2	1.6	.3							6.5	9.8
NE	.3	2.6	4.2	1.6	.6							9.4	8.8
ENE	1.3	2.6	4.5	.6								9.1	6.9
E	.6	4.9	6.5	.3								12.0	6.6
ESE		.6	1.3	.3								2.3	7.9
SE		.6		.3								1.0	7.3
SSE		.6	.6									1.3	6.5
S	1.3	1.9	3.9	1.0								8.1	7.0
SSW		1.9	3.6	1.6								7.1	8.5
SW		.3	5.2	1.6	.3							7.4	9.8
WSW	.6	1.3	3.6	1.3	.3							7.1	8.5
W	1.6	3.2	4.5	2.3	.3							12.0	7.9
WNW	.6	1.3	2.3	.6								4.9	7.3
NW	.3	.6	.6	.6								2.3	7.7
NNW	.3	1.3	1.0	.3								3.0	7.2
VARBL													
CALM												1.0	
	7.4	25.2	48.5	18.9	1.9							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 309

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)

14755 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.3	.6								1.6	9.2
NNE		.6	4.5	4.8	.6							10.4	11.0
NE	.7	1.0	5.8	.6	.3							8.1	8.7
ENE	1.0	6.5	4.5	.6								12.6	6.5
E	.3	4.2	7.1	1.3								12.9	7.8
ESE	1.3	1.6	2.9	.6								6.5	6.6
SE		.6	1.3									1.9	6.6
SSE			.6	.3								1.0	10.3
S		1.9	2.9	.3								5.2	7.3
SSW		1.3	3.5	2.3								7.1	9.8
SW		.6	2.6	1.9	.6							5.8	10.3
WSW	.6	2.9	2.6	1.3	.3							7.7	7.8
W	.3	2.9	3.2	1.9	1.3							9.7	9.8
WNW		1.3	1.6	.6	.3							3.5	9.3
NW	.3	1.3	.3		.3							1.9	7.3
NNW	.3	1.0	1.0									2.3	5.9
VARBL													
CALM												1.9	
	4.5	27.7	44.5	17.4	3.9							100.0	8.2

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)

14755 GLENVIEW, IL 73-82 JUL
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	.3	.3	2.6	1.3				.3				4.8	11.1
NNE	1.0	3.9	4.2	1.0	.3							10.3	7.3
NE	.3	3.9	2.6	1.0								7.7	7.0
ENE	1.3	4.2	3.9	.3								10.0	6.2
E	2.3	7.4	3.5									13.2	5.3
ESE	.3	4.2	1.0									5.5	5.4
SE	.3	3.5	1.6									5.5	5.5
SSE	.3	1.3	.3									1.9	5.0
S	.6	1.6	2.6		.3							5.2	6.8
SSW		.6	2.3	.3								3.2	9.2
SW		2.9	3.9	1.0								7.7	7.9
WSW	1.0	2.3	3.2	1.3								7.7	7.5
W	1.3	2.6	1.6	1.0								6.5	6.8
WNW	.3	2.3	.6	.3								4.2	5.8
NW	.3	1.6	1.0	.3								3.2	6.5
NNW		.3	.6	.3			.3					1.6	13.6
VARBL													
CALM												1.6	
	10.0	43.5	35.5	8.1	.6		.3	.3				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 316

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) 73-82 (YEARS) JUL (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	1.3	.3	.3								3.0	4.9
NNE	1.3	2.3	1.1	1.3								6.1	6.6
NE	1.3	2.4	1.6	.3								5.6	5.9
ENE	1.6	1.3	.6									3.2	5.0
E	2.6	1.3	.6									4.5	3.6
ESE	1.6	.8										2.3	3.0
SE	1.3	1.0	.3									2.3	3.9
SSE	.8	.6	.3									1.6	4.2
S	2.4	2.8	1.6									7.1	4.8
SSW	2.3	3.2	2.9									8.4	5.7
SW	2.9	2.6	2.3									7.7	5.0
WSW	1.3	1.3	1.3									5.2	4.8
W	.6	1.9		.6								3.2	5.9
WNW	1.0	.8	.3									1.9	4.3
NW		1.0										1.0	4.7
NNW		.3	.3	.3								1.3	10.0
VARBL													
CALM												35.2	
	22.9	25.2	13.9	2.9								100.0	3.3

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)

14156 (STATION) SPRINGFIELD, IL (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.3	.9	.0	.0		.0				4.6	7.7
NNE	.5	1.5	2.7	1.3	.2							6.5	8.1
NE	.3	1.8	2.4	.7	.1							5.8	7.4
ENE	1.3	2.3	2.2	.4								6.2	6.5
E	1.0	2.3	2.5	.2	.1							6.3	6.3
ESE	.6	1.3	.9	.2								2.9	5.9
SE	.4	.9	.5	.1								1.9	5.6
SSE	.4	.5	.4	.1								1.5	5.6
S	1.4	2.3	2.2	.3	.0							6.3	6.0
SSW	.5	2.4	2.8	.8								6.0	7.0
SW	.9	2.5	2.8	.8	.1							7.1	7.1
WSW	1.5	2.3	2.5	.7	.1							7.1	6.6
W	1.3	3.4	2.5	1.2	.2							8.6	6.5
WNW	.5	1.3	.9	.3	.0							3.2	6.1
NW	.6	1.0	.7	.1	.0							2.5	5.7
NNW	.5	1.0	.5	.1			.0					2.3	5.2
VARBL													
CALM												20.3	
	13.7	28.7	27.9	8.9	.9	.0	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2478

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION — [illegible] / STATION NAME — 73-82 / YEARS — [illegible] / 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	1.4	1.6	1.									4.2	4.5
NNE		1.6	1.9									2.9	7.4
NE	.7	1.7	.6	.6	.3							3.2	8.3
ENE		1.6	.6									2.3	5.1
E	1.4	1.1	.6									3.2	5.7
ESE	1.7	.3										1.3	3.5
SE		.2	.3									.4	5.5
SSE	.3	1.0	.3									1.6	5.6
S	2.0	3.5	2.6									8.7	5.1
SSW	.7	4.2	2.6	1.6								9.7	7.0
SW	2.3	2.6	1.0	.6								6.5	5.4
WSW	1.4	3.2	.6	.3								5.5	5.0
W	2.6	1.3	.6									4.5	4.0
WNW	.6	1.9	1.	.3								3.9	6.3
NW	.3	.6										1.0	3.7
NNW		1.6										1.6	4.8
VARBL													
CALM												40.7	
	14.2	27.1	13.9	3.5	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348 201

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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 73-82 MONTH AUG

ALL WEATHER CLASS _____ HOURS (L S T) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	.6									3.0	4.9
NNE		.6	.3									1.0	5.7
NE		.6	1.0	.3								1.9	7.7
ENE	.6	.3	.3	.3								1.6	6.2
E	.6	.3	.3									1.3	4.5
ESE	.6	1.0		.3								1.9	5.5
SE	.3	.6	.3									1.3	5.0
SSE	.6		.3									1.0	4.0
S	4.8	2.9	.6									8.4	3.8
SSW	2.9	3.9	2.6	1.0								10.3	6.1
SW	1.3	3.9	1.9									7.1	5.1
WSW	2.9	1.9	.6	.3								5.8	4.4
W	1.6	1.3	.6									3.2	4.4
WNW	2.6	1.9	.3									4.8	3.7
NW	.6	2.3	.3	.3								3.5	5.5
NNW	1.9	1.3	.3									3.5	3.8
VARBL													
CALM												39.4	
	22.2	24.5	10.6	2.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

#U.S. GPO 1984 741 448 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13856 (STATION) MCENTEE, IL (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 06 (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	1.7	.3	.3								2.3	6.3
NNE	.3	.7	.6	.3								1.9	6.8
NE	1.7	1.3	1.0	.6								3.4	6.9
ENE	.7	1.0	.6	.3								2.3	6.7
E	.3	.6	.7									1.7	6.8
ESE	1.3		1.0									1.9	5.8
SE	.3											.6	2.0
SSE	.6	1.0	.7									1.3	4.7
S	4.2	2.9	1.6	.3								9.0	4.8
SSW	1.9	4.2	2.6	.6								9.4	5.9
SW	1.6	1.3	2.3	.3								5.5	6.3
WSW	1.9	2.9	1.6									6.5	5.1
W	2.3	3.2	.6									6.8	4.7
WNW	.6	1.9										2.6	4.0
NW	1.3	1.6	.6									3.5	4.4
NNW	1.3	3.2	.7	.3								5.2	5.1
VARBL													
CALM												35.5	
	20.0	27.4	13.9	3.2								100.0	3.4

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)

94-55 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 02 (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	2.9	2.6									5.7	6.1
NNE		1.6	1.3	1.0								3.9	8.3
NE	.2	1.6	3.5	1.3								6.8	8.2
ENE	.3	1.6	1.3									3.2	6.2
E	1.3	3.5	2.3	1.0								7.7	7.1
ESE	.6	.6	.6									1.9	5.8
SE	.3	.6		.3								1.3	7.0
SSE	.3	1.6	1.3									3.2	5.7
S	1.3	4.5	2.9	.6	.3							10.3	6.3
SSW	.5	3.9	2.6	1.9								9.0	7.4
SW	.6	2.9	4.2	1.3								9.0	7.6
WSW	2.3	1.9	3.9	1.0								9.0	6.5
W	1.3	2.3	1.9	1.6								6.8	7.4
WNW	.6	3.2	1.0	.3								5.2	5.9
NW	1.3	1.3	.6									2.9	5.6
NNW	.5	1.6	.6									2.9	5.7
VARBL													
CALM												11.0	
	12.3	35.5	30.6	12.3	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NUS GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13722 (STATION) GREENVILLE, TN (STATION NAME) 73-82 (YEARS) AUG (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	1.0									1.3	6.0
NNE	.0	1.3	2.9	1.6								7.1	7.9
NE	.4	2.9	3.5	1.3	.3							8.7	7.9
ENE	.5	4.2	3.9	.6	.3							9.4	7.4
E		3.2	4.2	.6								8.7	7.4
ESE	.3	1.3	1.9									3.5	6.8
SE	.3	1.0	1.3									2.6	6.8
SSE	1.0			.6								1.6	6.0
S	1.3	3.5	1.2	1.3								9.0	7.5
SSW	.3	.6	2.9	3.2								7.1	10.1
SW	.4	2.9	2.9	1.6								8.1	7.8
WSW	.6	2.9	3.9	1.9								9.4	8.2
W	.3	4.2	3.9	3.2								11.6	8.3
WNW	.3	1.0	1.3	.6								3.2	7.1
NW	.3	1.3	1.3	.6								3.5	7.0
NNW		.3	.3									.6	6.0
VARBL													
CALM												4.5	
	6.8	32.3	38.8	17.8	.6							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 310

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC
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)

1455 (STATION) — [illegible] (STATION NAME) — 73-82 (YEARS) — AUG (MONTH)

ALL WEATHERS (CLASS) — 15 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	1.3	1.2								3.5	8.9
NNE		.8	4.2	.6								5.2	9.2
NE		1.3	4.5	.6								6.4	8.6
ENE		2.6	6.1	1.6								10.3	8.3
E	.6	5.2	8.4	1.0								15.2	7.8
ESE		1.6	3.2									4.8	6.9
SE		.6	2.3									2.9	7.6
SSE	.3	.6	.6									1.6	6.0
S		1.3	3.9	2.6								7.7	9.7
SSW	.3	1.9	3.2	2.9								8.4	9.1
SW		2.3	4.2	1.3								8.4	8.6
WSW		1.9	2.9	2.6								7.4	9.5
W	.6	2.6	3.2	1.6								8.7	8.3
WNW	.3	1.3	.6	.6								2.9	7.2
NW		1.3	.6	1.0								2.9	8.2
NNW		1.0	1.0									1.9	7.0
VARBL													
CALM												1.6	
	2.3	27.1	51.6	17.8								100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348/201

EMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14-25 GLENVIEW, IL 73-82 AUG
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	.3	.6	2.3	1.6								5.2	8.3
NNE	1.3	3.2	3.2	.3								7.7	6.7
NE	.3	3.5	1.3	1.0								6.1	6.6
ENE	.6	4.2	2.3	1.0								8.1	5.6
E	2.6	5.8	1.6									10.0	4.8
ESE	.6	5.8	1.3	.3								7.7	5.5
SE	.6	1.9	.6									3.2	4.9
SSE		1.0	.6									1.6	6.8
S	.6	2.9	5.2	.6								9.4	7.6
SSW	1.0	2.9	2.9	1.6								8.4	7.3
SW	.3	2.9	1.9	1.9								7.1	8.0
WSW	.3	2.3	3.2	.6								8.4	6.3
W	1.3	4.2	1.6	.3								7.4	5.7
WNW	.3	1.3										1.6	4.0
NW	.3	.3	1.3									1.6	6.4
NNW			1.3	.3								1.6	9.6
VARBL													
CALM												4.8	
	12.6	42.9	30.0	9.7								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 310

#U.S. GPO 1984 741 348 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14925	GLENVIEW, IL	73-82	AUG
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	1.9	1.2	1.2									4.8	4.5
NNE	1.8	1.6	.3	.3	.3							4.2	5.4
NE		1.6	1.6									3.2	6.4
ENE	1.6	2.3	1.3	.3								5.5	5.6
E	2.9	1.0	.3									4.2	3.2
ESE	1.6	1.2	.6	.3								3.5	4.9
SE	.4	.3										1.0	3.0
SSE	.6	.6	.3									1.6	4.6
S	5.2	3.9	2.6	.3								11.9	4.7
SSW	3.5	3.5	1.6	.6								9.4	5.0
SW	1.3	2.6	2.3	.6								6.5	6.4
WSW	1.9	1.3	1.3									4.5	5.0
W	1.3	1.3	1.3	.3								3.9	5.8
WNW													
NW	.3	.6										1.0	4.7
NNW	.3		.6	.3								1.3	8.3
VARBL													
CALM												33.5	
	24.5	23.5	18.8	3.2	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAIR GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13735 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) AUG (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	.5	1.3	1.2	.4								3.2	6.3
NNE	.7	1.3	1.9	.5	.2							4.2	7.4
NE	.3	1.5	2.1	.7	.1							5.0	7.7
ENE	.7	2.2	2.1	.5	.0							5.3	7.0
E	1.3	2.7	2.3	.3								6.5	6.3
ESE	.7	1.5	1.0	.1								3.3	5.8
SE	.4	.7	.6	.2								1.7	5.7
SSE	.5	.7	.5	.1								1.8	5.5
S	2.5	3.2	2.8	.7	.0							9.3	6.1
SSW	1.4	3.1	2.6	1.7								8.8	7.1
SW	1.0	2.7	2.7	1.0								7.3	7.0
WSW	1.7	2.3	2.3	.8								7.1	6.5
W	1.4	2.4	1.8	.9								6.6	6.5
WNW	.7	1.6	.5	.2								3.1	5.5
NW	.6	1.1	.6	.2								2.5	5.8
NNW	.5	1.1	.6	.1								2.3	5.7
VARBL													
CALM												21.3	
	14.8	30.0	25.5	8.4	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2480

*U.S. GPO 1984 741 348: 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13855	OLEY'TEK, IL	73-82	SEP
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	.3	1.3	.7	.3								2.7	6.3
NNE	.7	1.3	1.0	.3								3.0	7.2
NE		1.3	.3	1.0								2.7	8.4
ENE	1.3	.3	1.0	.3								3.0	5.7
E	1.7	.7	.7	.3								3.3	4.9
ESE		1.0										1.0	6.0
SE	.7	1.0										1.7	3.6
SSE		.7										.7	4.5
S	3.7	3.0	3.3	1.0								10.7	5.6
SSW	.7	2.7	3.7	.7								7.7	7.3
SW	1.0	3.3	1.0									5.3	5.3
WSW	2.0	2.7	1.0	.3								6.0	5.1
W	3.0	4.3	1.3									8.7	9.7
WNW	1.3	1.3	.7									3.3	9.4
NW	2.7	3.0	1.3									7.0	4.8
NNW	.7	2.3	1.7	.3								5.0	5.7
VARBL													
CALM												28.3	
	19.3	30.3	17.3	4.7								100.0	9.0

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)

[illegible] / STATION — [illegible] / STATION NAME — 73-82 / YEARS — SEP / 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									4.1	3.2
NNE	.7	.3	1.3	.3								2.7	6.5
NE		1.0	1.0	.7								2.7	8.6
ENE		1.0	.3									1.3	5.3
E	.7	.7	1.0									2.3	5.4
ESE	.3	1.3										1.7	4.8
SE		.3	.3									.7	8.0
SSE	.7	.7	.3									1.7	4.0
S	1.7	3.0	2.3									8.7	5.1
SSW	2.3	3.3	2.7	.7								9.0	5.6
SW	1.7	3.3	2.3		.3							7.3	6.2
WSW	1.7	2.3	1.3									5.3	5.2
W	3.7	2.0	1.0									6.7	3.9
WNW	2.0	3.0	.7									5.7	4.7
NW	1.3	2.3	1.3	.3								5.3	5.4
NNW	.3	2.7	2.0	.7								5.0	7.1
VARBL													
CALM												30.7	
	19.3	28.0	18.7	2.7	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 300

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

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) CLEVELAND, IL (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 06 (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	1.0	1.3	.3								3.0	6.4
NNE	.3	.7	1.3									2.3	6.2
NE		.3	.7	.7								1.7	9.6
ENE		1.0	1.3									2.3	6.6
E	.3	.7	.7									1.7	5.4
ESE	.3		.7									1.3	5.9
SE	.3		.7									1.0	6.7
SSE	1.3	1.7										3.0	3.6
S	1.7	5.0	1.3	.7								8.7	5.6
SSW	.7	2.7	2.7	.7								6.7	7.2
SW	1.7	3.3	1.0	.3								6.3	5.3
WSW	.7	1.7	2.3									4.7	6.4
W	1.3	3.3	1.3									5.7	5.1
WNW	2.7	2.3	.3									5.3	3.9
NW	2.7	2.7	1.7	.3								7.3	5.0
NNW	1.3	2.7	1.7									6.0	5.5
VARBL													
CALM												13.3	
	16.7	28.7	18.3	3.3								100.0	5.8

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)

13889	WILMINGTON, NC	73-82	SEP
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	.7	1.7	3.7	1.3								6.7	8.0
NNE	.3	1.3	1.3	2.0								5.0	9.1
NE	.3	1.0	1.3	1.3	.3							4.3	9.5
ENE		1.7	1.7	.7								3.3	7.1
E	1.7	.7	1.7	.7								4.3	6.9
ESE		.3	1.3									1.7	7.4
SE		.7	1.3									2.0	6.5
SSE	.3	1.7	.7									2.7	5.5
S	1.3	2.7	2.3	.7								7.0	6.9
SSW	1.7	6.0	6.0	.7								14.3	6.3
SW	.7	2.3	4.7	1.3								8.3	7.6
WSW	1.0	2.3	3.7	1.3								8.3	7.5
W	1.3	3.7	3.3	.3								7.7	6.5
WNW	1.7	1.7	3.3	.7								7.0	6.4
NW	.7	1.7	2.3	.3								4.7	6.6
NNW	1.3	2.3	3.7	.3								7.3	7.1
VARBL													
CALM												5.7	
	12.7	30.3	40.0	11.7	.3							100.0	6.8

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] GLENVIEW, IL (STATION / STATION NAME) 73-82 (YEARS) SEP (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	.7	1.[illegible]	7.7	2.3								7.[illegible]	9.1
NNE		1.[illegible]	2.7	2.[illegible]	.7							6.[illegible]	11.8
NE	.7	1.7	4.[illegible]	1.[illegible]	.3							7.7	9.1
ENE	.[illegible]	.3	1.7	1.[illegible]								3.3	7.9
E	.3	2.[illegible]	1.3	.3								4.[illegible]	6.8
ESE	1.7		2.[illegible]	.3								3.4	6.7
SE		1.[illegible]	1.[illegible]	.3								2.3	7.4
SSE		1.[illegible]	1.7	.3								3.3	7.2
S	.7	3.7	2.7	1.[illegible]		.3						8.[illegible]	8.1
SSW		1.7	8.[illegible]	1.7								11.3	8.9
SW		1.3	2.7	2.7								6.7	9.6
WSW	.7	1.3	4.[illegible]	2.[illegible]		.7						9.7	9.1
W	1.[illegible]	4.7	4.[illegible]	.7	.3							10.7	6.8
WNW	.7	.7	3.7	.3								5.3	8.1
NW		1.3	1.7									2.7	7.[illegible]
NNW	.3	1.7	2.3	1.0								5.3	8.0
VARBL													
CALM												3.7	
	5.7	24.7	47.3	17.0	1.3	.7						100.7	8.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHERS (CLASS) 15 (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	1.7	1.7	.7							4.3	11.1
NNE		1.7	3.7	1.7	.7							7.7	9.7
NE		4.7	2.3	3.0								9.7	6.4
ENE	.7	3.3	3.0	.3								7.7	6.7
E		4.0	3.7	.3	.3							8.3	7.6
ESE	.7	1.3	2.7									4.3	5.7
SE		1.3										1.7	4.8
SSE	.7	.3	1.0	.3								2.3	7.3
S	.3	1.7	3.3	1.7								7.0	8.5
SSW	.3	2.7	4.3	2.7								9.7	8.7
SW		1.3	4.3	1.7								7.3	9.0
WSW	.3	2.3	4.3	1.3								7.7	8.3
W	.3	2.7	4.3	3.3	.3							10.7	9.2
WNW		1.3	3.3	1.0								5.3	5.4
NW		.7	2.3	1.3								3.7	9.5
NNW		1.0	1.3	.7								2.7	8.5
VARBL													
CALM												1.7	
	2.0	23.7	44.0	20.3	1.7							100.0	8.3

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)

STATION _____ STATION NAME _____ YEARS 73-82 MONTH SEP

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	.6	2.0	2.7	1.7	.7							6.7	5.4
NNE	2.3	1.3	2.3	1.3								8.3	7.2
NE	.7	3.7	.7	1.3								5.3	6.3
ENE	1.7	3.7	1.3	.7								7.0	5.5
E	1.3	2.3	.7									4.3	3.6
ESE	2.7	3.7	.3									6.3	4.0
SE	1.3	.7	.7									2.7	5.0
SSE	.7	1.3	.7									2.7	5.0
S	2.7	2.0	4.3	.7								9.7	6.3
SSW	1.7	2.7	1.7	.3								6.7	5.5
SW	.7	1.3	1.7	.3								5.7	6.1
WSW	1.7	1.7	1.3									4.3	5.1
W	1.3	3.3	1.7	1.3								6.7	6.1
WNW	1.3	2.7	1.3									4.3	5.3
NW	1.3	2.3	.7									4.0	4.7
NNW		2.3	1.3									4.3	6.5
VARBL													
CALM												9.3	
	27.7	35.3	22.0	6.3	.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 300

GPO 1984 741 448 /01

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14855 (STATION) CHEYENNE, IL (STATION NAME) 73-82 (YEARS) SEP (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	1.3	2.3	1.3									5.3	5.1
NNE	1.3	1.3	2.3	1.7								5.7	7.3
NE		1.3	2.0	.7								3.7	8.5
ENE	1.3	1.3	.3									2.3	3.9
E		1.3	.3									1.3	5.8
ESE	.7	1.3	.7									2.7	5.4
SE		.7										.7	4.0
SSE	.3	.7										.7	3.5
S	1.3	5.3	3.3	.7	.3							11.7	6.2
SSW	2.7	3.3	1.7	.7								8.3	5.4
SW	1.3	2.7	.7									4.7	5.0
WSW	1.3	1.3	.3	.3								3.3	5.3
W	1.7	3.0	1.3									6.0	4.7
WNW	2.3	1.3		.3								3.3	3.8
NW	1.3	1.7	.7									3.3	4.0
NNW	.3	1.5	1.7									3.5	6.9
VARBL													
CALM												35.3	
	15.3	29.0	16.3	3.7	.3							100.0	3.7

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)

13855 (STATION) ASHEVILLE, NC (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.1	.5	.1							4.6	7.5
NNE	.8	1.1	2.1	1.1	.2							5.1	8.3
NE	.2	1.7	1.5	1.2	.1							4.7	8.3
ENE	.6	1.3	1.2	.8								3.9	6.2
E	1.1	1.5	1.2	.7	.3							4.1	5.8
ESE	.7	1.1	1.0	.5								2.3	5.5
SE	.2	.7	.5	.5								1.4	5.8
SSE	.5	1.2	.5	.1								2.1	5.4
S	1.8	3.4	2.3	.8	.2	.2						8.9	6.4
SSW	1.2	3.1	3.3	1.1								9.2	7.0
SW	.3	2.5	2.2	.8	.2							6.4	7.0
WSW	1.3	2.0	2.3	.6		.2						6.5	6.8
W	1.7	3.2	2.2	.6	.1							7.8	6.1
WNW	1.4	1.7	1.5	.3								5.0	5.8
NW	1.3	1.9	1.4	.2								4.7	5.7
NNW	.5	2.0	1.2	.4								4.2	6.8
VARBL													
CALM												18.5	
	14.5	22.3	28.0	8.6	.5	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2400

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14-55 (STATION) — [illegible] II (STATION NAME) — 73-82 (YEARS) — OCT (MONTH)

ALL WEATHER (CLASS) — 00 (HOUR (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.5									1.9	7.8
NNE	.4	1.0	1.3	.3								3.2	7.1
NE		.3	.3	.3								1.0	8.7
ENE	.6	.3		.3								1.6	5.6
E	.3	1.0	.6	.3								2.3	5.7
ESE			1.0									1.0	9.3
SE		.3	1.3									1.3	7.8
SSE		1.0	.3	.6								1.9	9.0
S	1.3	3.2	3.2	1.6	.3							9.7	7.7
SSW	1.3	3.5	2.6	1.6	.6							9.7	7.8
SW	1.6	1.3	1.6	1.3								5.8	6.7
WSW	1.0	2.3	2.6									5.8	6.3
W	1.0	3.2	3.2	1.0								9.4	6.3
WNW	1.3	2.3	1.3	.3								7.7	4.6
NW	1.3	1.9	1.3									4.5	5.3
NNW	.3	1.3	1.9	1.0								4.5	7.5
VARBL													
CALM												28.7	
	14.3	23.5	23.9	8.7	1.0							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14-55 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) OCT (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		.6	1.3	.3								2.3	5.0
NNE	.3	.6	.6	1.0								2.6	8.9
NE		.6	.7	.6								1.6	9.0
ENE	.3	1.0										1.3	5.0
E		1.0	1.0									1.9	6.3
ESE	1.0	.7			.3							1.6	6.0
SE		.7										.7	5.0
SSE	.6	.3	.6									1.6	5.4
S	1.9	2.9	3.5	1.3								9.7	7.0
SSW	2.9	4.5	2.9	1.9								12.5	6.5
SW	1.3	.6	1.9	1.0	.3							5.2	8.3
WSW	.6	2.3	.6	.3								3.9	5.7
W	3.2	2.9	3.5	.6								10.3	6.0
WNW	2.3	1.6	1.9	.3								6.1	5.5
NW	1.3	2.9	1.0									5.8	4.7
NNW	.6	2.6	.3	1.0								4.5	6.7
VARBL													
CALM												28.7	
	17.1	25.5	19.7	8.4	.6							100.3	4.6

TOTAL NUMBER OF OBSERVATIONS 312

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)

13883 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) OCT (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								2.3	9.1
NNE			1.3	.6	.3							1.5	11.2
NE	.6	.6	.6	.6								2.6	6.6
ENE			.6									.6	7.5
E	.3		.6	.3								1.3	8.5
ESE			1.3									1.0	9.3
SE	.3		.6									1.0	5.7
SSE	.3	.6	.6									1.5	6.8
S	2.3	5.2	2.6	2.3								10.3	7.1
SSW	2.3	2.6	4.5	1.6	.3							11.3	7.5
SW	1.3	1.6	1.6	.6								5.8	6.1
WSW	.6	2.9	1.6		.3							5.5	6.5
W	1.3	2.9	1.9	1.3								8.1	6.2
WNW	1.3	2.3	.6	.6								5.5	5.5
NW	2.3	2.9	1.3	.3								7.4	5.5
NNW	1.3	1.3	2.6									5.5	6.1
VARBL													
CALM												28.4	
	15.3	22.3	23.2	8.7	1.0							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NSN 7540-01-280-5500 STANDARD FORM 1001 (REV. 7-84) PRESCRIBED BY NAVMETOCCOMINST 3140.1
GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14 SS — STATION
GLENVIEW, IL — STATION NAME
73-82 — YEARS
OCT — 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		2.3	3.5	1.3								6.9	8.0
NNE	.6	1.0		1.3								2.9	7.8
NE	.3	.3	.3	.3	.3							1.6	9.6
ENE		.3	1.0	.6								1.9	9.8
E	.6	.6	.3	.3								1.9	5.0
ESE	.3	1.0	.3	.6								2.3	7.3
SE	.3	1.0	.3	.3								1.9	6.7
SSE		1.0	1.0	.3								2.3	7.4
S	1.0	2.9	5.5	1.9	.3							11.5	8.1
SSW	1.3	4.2	3.9	2.3								11.6	7.4
SW	.6	1.9	5.8	3.5								11.9	8.9
WSW	.3	3.5	1.0	1.9	.3							7.1	8.1
W	1.6	1.9	3.9	1.6	.3							9.4	7.8
WNW	1.3	1.3	1.9	1.0								5.5	7.2
NW	1.0	2.3	1.6	1.0								6.5	6.8
NNW	1.0	1.3	4.2	1.3								7.1	8.0
VARBL													
CALM												7.7	
	10.3	27.1	38.5	19.0	1.3							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 310

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

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14,55 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) OCT (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	.9	1.6	.5								2.9	8.4
NNE		1.5	2.3	2.3								5.8	9.2
NE		1.5	4.2	.3	.3							6.5	8.5
ENE	.4	.4	.3	.3								1.9	6.2
E		3.2	.4									3.9	5.5
ESE	.3	1.4	1.7	.3								2.9	7.0
SE		.6		.3								1.0	8.0
SSE		1.3	1.3	.3								3.5	7.7
S	2.3	1.7	5.5	2.3		.3						12.3	8.3
SSW	.6	1.6	4.5	2.6	1.3							10.3	10.1
SW	.3	2.3	4.2	4.8	.3							11.9	9.9
WSW	1.3	1.6	3.5	1.6								7.7	8.6
W	1.3	1.4	5.8	2.9	.3							11.6	9.2
WNW	.6	1.0	2.6	1.9								6.1	8.5
NW	.6	1.6	2.3	.6								5.2	7.8
NNW		1.3	1.9	.3								3.5	7.5
VARBL													
CALM												2.9	
	7.7	22.9	42.6	21.6	1.9	.3						100.0	8.4

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)

14753 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 15 (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		.6	1.2	.3								2.2	3.5
NNE	1.3	1.6	2.3	1.6								7.4	7.7
NE	.6	2.6	4.5	1.3								9.0	7.8
ENE		1.2	1.6	.3								3.0	7.2
E		2.2	1.9									4.6	6.7
ESE	.3	1.3	1.6	1.3								4.5	7.8
SE	.3	.3	.3	.3								1.3	6.8
SSE	.3	.3	1.0	.3								1.9	8.3
S	.3	1.3	4.8	3.9								10.3	9.6
SSW	.3	1.3	2.3	2.6	1.0							7.4	10.2
SW	.6	1.3	3.9	3.2	1.0							9.7	9.9
WSW	.6	.6	3.5	1.9								6.6	8.9
W	1.3	1.0	7.1	3.2	.6							13.2	9.3
WNW	.6	.6	1.9	1.0	.3							4.5	9.1
NW		.3	3.2	.6	.3							4.5	9.6
NNW	.6	1.3	1.3	.3								3.2	7.2
VARBL													
CALM												3.2	
	7.7	19.0	44.5	22.3	3.2							100.0	8.4

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] STATION | [illegible] STATION NAME | 73-82 YEARS | OCT 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	.5	1.4	2.7	1.1								5.5	8.1
NNE	1.4	1.8	2.3									6.5	6.1
NE	1.9	.5	.4	.3	.3							3.4	5.8
ENE	1.3	.7	.6									3.2	3.5
E	1.1	1.4	.3	.3								3.2	5.5
ESE	1.3	1.0	.7	.6								3.2	5.7
SE	.8	1.3	.5	.3								2.9	5.4
SSE	1.3	1.1	.6	.3								3.2	5.7
S	1.3	4.8	3.9	2.6								12.6	7.5
SSW	1.3	2.4	1.6	.3	.3							6.1	6.4
SW	1.3	2.6	2.6	1.0								8.4	6.1
WSW	1.1	1.0	1.9	.3								4.5	6.0
W	1.3	3.2	2.6	1.6								8.4	7.0
WNW		3.3	1.0	.3								5.2	6.4
NW	.7	1.6	1.3									3.2	5.8
NNW	.6	.3										1.0	3.7
VARBL													
CALM												19.0	
	15.7	28.7	23.9	9.0	.6							100.0	5.1

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)

[illegible] (STATION) [illegible] (STATION NAME) 73-82 (YEARS) OCT (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	.7	.8	1.7	.6								2.6	5.1
NNE	.4	1.2	1.3	1.0								4.5	7.4
NE	1.3	1.0	.3									2.3	4.9
ENE		.2	.2	.2								1.0	9.0
E	1.2	1.2	.3									2.6	4.6
ESE			.2	.2								.5	12.0
SE	.3	.3	.6									1.3	9.2
SSE	.3		.6	.6								1.6	9.6
S	1.3	3.2	3.5	2.3	1.0							11.3	8.3
SSW	.6	3.2	3.2	.6	.3							8.7	7.7
SW	1.2	1.3	3.2	1.7								7.4	7.4
WSW	1.2	.6	1.2									2.9	5.2
W	2.3	3.2	1.6	1.9								9.4	6.5
WNW	1.3	1.9	1.2	.2								4.3	5.5
NW	.6	1.9	.3	.3								3.2	5.2
NNW	.2	2.3	1.9	.2								4.9	5.7
VARBL													
CALM												11.0	
	12.3	22.3	22.6	10.0	1.3							100.0	5.8

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)

[redacted] (STATION) JENNIFER, IL (STATION NAME) 73-02 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	1.0	.5								3.4	5.2
NNE	.5	1.1	1.1	1.3	.0							4.4	7.2
NE	.5	1.3	1.4	.5	.1							3.5	7.5
ENE	.3	.3	.1	.2								1.2	5.4
E	.4	1.3	.7	.2								2.7	6.5
ESE	.4	.6	.7	.4	.0							2.1	7.3
SE	.3	.2	.4	.2								1.4	6.8
SSE	.6	.7	.5	.3								2.1	7.4
S	1.3	2.3	4.1	2.3	.2	.0						11.2	8.2
SSW	1.3	3.1	3.3	1.7	.4							9.7	7.9
SW	1.3	1.6	3.1	2.1	.2							8.3	8.2
WSW	.3	1.3	2.1	.8	.1							5.5	7.3
W	1.3	2.5	3.7	1.8	.2							10.2	7.4
WNW	1.3	1.3	1.6	.7	.0							5.7	6.4
NW	1.3	2.0	1.6	.4	.0							5.3	6.3
NNW	.4	1.5	1.3	.5								4.4	7.0
VARBL													
CALM												16.7	
	13.3	24.0	29.4	13.5	1.4	.0						100.2	6.0

TOTAL NUMBER OF OBSERVATIONS 2481

*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 | [illegible] STATION NAME | 73-82 YEARS | NOV MONTH

ALL WEATHER CLASS | 00 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	1.7	.7	.7	.3							4.1	7.8
NNE	.7	.7		.7	.7							2.1	10.6
NE	.3		.7									1.1	7.7
ENE	.3	.3	.3	.7								2.1	7.5
E		.7	1.7									2.3	8.3
ESE	.7		.3	.3								1.3	7.0
SE		.7	1.3									1.7	7.8
SSE		1.3	.7		.7							1.7	8.0
S	1.3	3.3	2.3	1.7	.7	.3						9.1	9.7
SSW	.7	2.7	4.3	1.3	1.3							10.3	8.6
SW	1.3	4.3	2.3	.7								8.7	6.0
WSW	.3	1.7	3.3	2.3								7.7	9.2
W	2.3	4.3	2.7	2.3	.7							11.7	7.2
WNW	1.7	1.7	.7	1.3								5.3	6.3
NW		3.7	4.7	1.3								9.7	7.7
NNW	.7	1.7	2.3	1.7								6.3	7.6
VARBL													
CALM												18.7	
	10.0	27.3	27.0	13.7	3.3	.3						130.0	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

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	2.7	.7	.3								3.7	5.2
NNE		.7	1.3	1.3								2.3	7.4
NE		.7		.3								1.0	7.0
ENE		1.7	.3									1.7	5.6
E		.7	1.3	.7								2.7	6.7
ESE		.7	1.7									2.3	7.5
SE			.7	.7	.3							1.0	12.3
SSE		.7	.7									.7	5.5
S	1.3	2.0	4.7	.7								8.7	6.6
SSW	1.3	3.3	4.3	2.0								10.7	7.6
SW	2.0	2.0	2.7	1.3								3.3	6.6
WSW	1.3	1.3	3.3	.3		.7						7.0	7.5
W	1.3	4.3	4.3	2.3								11.7	7.7
WNW	1.3	3.3	1.3	.7								6.3	5.7
NW	1.3	3.7	.7	1.7								7.3	6.5
NNW	1.3	1.7	3.7	.7	.7							7.3	7.9
VARBL													
CALM												19.7	
	11.3	27.3	28.7	12.0	.7	.3						100.3	5.8

TOTAL NUMBER OF OBSERVATIONS 320

SMOS

USCS GPO 1984 241 448 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 72-82 MONTH NOV

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	1.3	1.3	.7	.7								3.7	6.3
NNE		.3	.3									.7	7.0
NE			1.0									1.0	7.3
ENE		.3	1.7	1.3								3.3	12.1
E	.7	1.0	1.7	.3								3.7	7.8
ESE		.7	.7	.3								1.7	7.5
SE		.7										.7	5.0
SSE		.3	1.3									1.7	7.0
S	1.7	3.0	3.7	1.7								10.0	7.0
SSW	1.3	2.7	3.0	1.7								8.7	7.3
SW	1.7	3.7	2.7	2.0	.3	.3						10.7	7.9
WSW	1.7	3.0	1.7	.3								6.7	5.9
W	.7	4.3	5.0	1.0								11.0	7.4
WNW	1.3	2.3	2.3	.7								6.0	6.5
NW	1.3	2.3	2.7	.7	.3							6.7	7.3
NNW	.3	1.0	1.3	1.0								3.7	9.1
VARBL													
CALM												20.7	
	11.3	27.3	26.7	11.0	.7	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 300

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) CLEVELAND, IL (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 09 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	.7									1.8	5.5
NNE	.7	1.7	.7	1.0								3.7	7.6
NE		.7	.7	.3								1.7	5.1
ENE		.7	1.0	.7								2.3	5.9
E		1.7	1.0	.7								3.0	6.6
ESE		.7	.7									1.3	7.0
SE		.3		.7								1.0	10.7
SSE	.3	.3	2.0	.3								3.3	7.3
S	.3	2.1	4.7	2.0								9.0	8.4
SSW	.7	2.7	4.1	2.3	.3							10.0	8.9
SW	.7	2.1	4.3	.7								7.3	7.5
WSW	.7	2.7	4.7	1.3								9.3	7.9
W	1.3	3.5	5.7	4.3	.7							15.0	8.5
WNW	.7	1.3	2.1	1.7								5.7	8.3
NW	1.1	1.7	1.3	2.7	.3							6.7	8.9
NNW	1.7	2.7	4.1	1.3								9.3	7.3
VARBL													
CALM												10.7	
	7.7	25.1	35.7	19.7	1.3							130.2	7.3

TOTAL NUMBER OF OBSERVATIONS 300

USCG 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) [illegible] (STATION NAME) 71-32 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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								3.2	7.7
NNE	.7	.7	1.3	1.3								3.2	7.4
NE	.3	1.7	.7	.7	.7							3.3	7.9
ENE	.7	.7	1.3	.3	.3							3.3	7.7
E	.3	1.3										1.7	4.0
ESE		.3	.7	.3								1.3	7.3
SE		.7	.7									1.3	6.3
SSE	.3	.3	1.3	1.7								3.3	7.5
S	1.3	2.7	6.3	2.7								12.7	8.3
SSW		2.7	5.3	4.7	.3							12.7	10.0
SW	.7	.7	2.3	3.3	.3							8.3	10.2
WSW	.3	2.3	4.7	1.7								8.7	8.7
W	.7	4.3	5.3	5.7								15.7	9.2
WNW	.7	1.3	1.7	1.7								4.7	8.4
NW	.7	1.3	2.7	1.7								6.3	8.9
NNW	.3	1.3	3.7	1.3								6.3	9.5
VARBL													
CALM												4.7	
	6.0	21.3	38.7	28.0	1.3							100.3	8.6

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)
SURFACE WINDS
NAVAIR 50-1C-534 (REV. 1-64)
S/N 0102-LF-050-5340
U.S. GPO 1964 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13882	GLENVILLE, IL	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1c
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.7								2.7	9.6
NNE		3.0	1.3	1.3	.3							6.0	8.2
NE	.7	1.0	1.3									2.3	6.7
ENE		1.7	1.3		.3							3.0	7.3
E	.3	2.3	2.7	.3								5.0	6.4
ESE		.7	.7	.3								1.7	8.0
SE		.3	.3	.3								1.0	8.0
SSE		.3	1.3	1.3								2.3	9.7
S	.3	2.0	1.7	2.0								6.0	8.7
SSW	1.0	3.0	6.7	5.0	.3							16.0	9.3
SW	.3	2.3	3.7	3.7								9.7	9.5
WSW	.3	2.3	4.3	3.3	.3							10.7	9.1
W	.7	1.0	7.7	4.7	.3							14.3	9.9
WNW	.7	.3	3.3	1.7								6.0	8.5
NW	.7	1.7	3.3	1.3								6.7	8.0
NNW		1.7	1.7	1.3								4.7	8.6
VARBL													
CALM												2.0	
	4.7	23.3	41.7	26.7	1.7							100.3	8.7

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)

[illegible] GLENVIEW, IL 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	1.3	1.[illegible]	2.[illegible]	.7								4.7	7.1
NNE	1.3	.7	1.3	.7	.3							3.7	7.6
NE	.3	.3	.7	.7	.3							2.3	7.1
ENE	.7		.7									1.0	4.0
E	.3	1.0	1.3	1.7	.3							4.7	7.4
ESE	.3	.7	.3									1.3	5.8
SE		.7	.3	.7								1.7	9.8
SSE		.7		2.3								2.7	10.5
S	1.7	2.3	4.3	1.3								9.3	7.2
SSW	1.3	3.7	3.7	1.7								10.3	7.4
SW	1.3	2.3	2.3	2.3								7.3	7.4
WSW	1.3	3.3	3.3	1.7								9.3	7.3
W	1.7	4.3	3.7	3.7		.3						12.7	8.3
WNW	1.3	2.3	1.7	1.3	.3							6.7	7.7
NW	1.3	1.7	.3	.3	.3							4.0	6.2
NNW	1.3	1.7	2.3	.7								5.3	7.0
VARBL													
CALM												14.7	
	13.7	25.7	26.3	18.3	1.7	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 300

AUS GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14550 CLEVELAND, TI (STATION / STATION NAME) 73-80 (YEARS) NOV (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	1.3								1.7	10.8
NNE	.7	.3	.7	.3		.3						2.3	9.5
NE		.7	.7	.7	.3							2.3	9.9
ENE	1.0		.7									1.7	5.0
E	.3	.3	1.3	1.3								3.3	9.1
ESE		.7	.3	.7	.3							1.7	10.2
SE	.7	1.3	.7	.3	.3							2.3	9.6
SSE		.3		.7								1.0	11.3
S		7.3	5.3	1.7	.3	.3						10.7	8.8
SSW	1.3	2.3	2.7	1.7	.3							8.3	7.7
SW		3.7	3.7	1.3								8.3	7.6
WSW		3.3	1.3	2.7								7.3	8.6
W	1.3	3.3	3.3	2.3		.3						10.3	8.2
WNW	1.7	1.7	2.3	2.3								7.7	8.0
NW	.7	1.3	2.3	1.7								6.0	8.4
NNW	.7	4.0	2.0									6.7	5.9
VARBL													
CALM												19.7	
	7.7	26.3	26.3	17.7	1.7	1.0						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 300

3

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)

13995 (STATION) CLEMENTE, IL (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.0	.7	.3							3.2	7.7
NNE	.3	.8	.6	.7	.1	.0						2.9	6.5
NE	.3	.6	.6	.3	.1							1.8	8.1
ENE	.2	.7	.9	.3	.1							2.2	7.6
E	.2	1.0	1.2	.5	.0							3.0	7.8
ESE	.1	.5	.5	.2	.0							1.4	7.9
SE	.1	.3	.3	.3	.1							1.2	8.8
SSE	.1	.5	.7	.7	.0							2.0	9.0
S	.3	2.0	4.1	1.7	.1	.1						9.4	8.2
SSW	.2	2.5	4.2	2.5	.3							10.7	8.5
SW	1.1	2.5	2.9	1.9	.1	.0						8.4	7.9
WSW	.8	2.5	3.2	1.7	.1	.0						8.2	8.1
W	1.2	3.6	4.5	3.2	.2	.1						12.8	8.4
WNW	1.2	1.7	1.7	1.4	.0							6.0	7.4
NW	.3	2.2	2.2	1.3	.1							6.7	7.8
NNW	.3	2.0	2.6	.9	.0							6.2	7.5
VARBL													
CALM												13.7	
	9.0	25.5	31.5	18.4	1.5	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2400

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14755 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 00 (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	1.6	1.0		.3						4.2	9.7
NNE		.3	.3	1.0								1.6	11.6
NE		.3	.3	1.3	.3							2.3	11.4
ENE			1.3									1.0	5.0
E	.3			1.0								1.6	8.8
ESE	.3		1.3									1.7	7.2
SE	.3	.6	1.3	1.0								3.2	8.9
SSE	.3	.6	.6	.6								2.3	7.7
S	.3	4.5	1.9	1.3	.3							8.4	7.1
SSW	.6	2.6	4.2	2.3	.6	.3						10.6	9.4
SW	.6	2.9	4.5	1.0	.3							9.3	7.6
WSW	1.3	2.3	2.6	1.6								7.4	7.4
W	1.9	3.2	4.2	1.3								11.3	7.0
WNW	1.6	1.3	2.9	1.3	.6							7.7	8.2
NW	1.6	2.6	2.9	1.6								8.7	7.0
NNW		1.3	1.6	1.9								4.5	8.7
VARBL													
CALM												12.9	
	9.7	24.5	31.9	18.1	2.3	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 310

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

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-25 (STATION) GLENVILLE, WV (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

03 (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	1.0	1.7	.4								3.2	9.1
NNE			1.2	.6	.3							2.6	11.8
NE	.7		.2		.3							1.2	11.0
ENE	.4	.9		.3								1.7	5.3
E	1.3	.3	.3	1.7								2.6	7.5
ESE		.3	.6	.3								1.3	9.0
SE		.3	.3	.6								1.3	9.5
SSE	1.7	1.0	1.0									2.9	5.7
S	1.9	2.9	1.7	1.3	.3							7.4	6.3
SSW	1.3	3.9	2.6	2.6	.3							10.6	8.4
SW	1.7	3.9	3.2	.6								9.7	6.6
WSW	.6	2.3	2.3	1.3								6.3	7.2
W	1.7	3.5	3.2	1.9	.3							10.3	7.7
WNW	1.3	2.3	3.2	.6	.3							7.4	7.5
NW	1.7	3.2	2.3	1.9								9.1	7.6
NNW	1.0	1.4	3.2	1.7	.3							7.1	7.7
VARBL													
CALM												15.3	
	17.3	26.3	28.4	18.5	2.3							100.0	6.4

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)

13155 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 06 (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	1.7	1.4	1.4	1.7								4.5	7.1
NNE				.6		.3						1.0	16.3
NE		.3	.7			.3						1.3	10.5
ENE			1.4	.3								1.8	9.3
E	.3			.6								1.0	9.7
ESE	1.3	1.3	.7	.3								2.6	5.2
SE			.6	.6								1.3	10.6
SSE	.6	1.3	1.3	.3								2.9	5.8
S	1.6	3.2	3.2	1.6								9.7	6.8
SSW	1.3	2.3	3.2	1.6	.6	.3						9.4	8.8
SW	.3	1.6	1.6	2.6		.3						6.5	9.8
WSW	.3	3.2	2.3	1.6								7.4	7.5
W	2.3	5.2	2.6	1.3	.6							11.6	6.7
WNW	1.9	2.6	2.6	.6	.6							8.4	7.2
NW	1.3	3.9	1.6	1.3	.3							8.1	7.2
NNW	.6	1.6	2.9	1.6	.6							7.4	9.3
VARBL													
CALM												15.2	
	12.3	27.1	25.5	15.8	2.9	1.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 316

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-55 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 09 (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	.6	.6	1.3	1.0	.3							3.9	9.2
NNE	1.1	.3		1.9								3.2	9.4
NE					.3							.3	20.0
ENE	.4											.6	3.0
E	.6		1.3	1.3								3.2	9.2
ESE	.6	1.1	.3									1.9	4.8
SE		.3		.3								.6	9.5
SSE	1.4	1.3	1.3	.6								4.8	6.3
S	.3	1.6	3.8	1.9								7.4	8.7
SSW	1.3	2.9	3.5	4.2	.3							11.9	8.9
SW	.6	1.3	2.3	1.6	.6	.3						6.8	10.1
WSW	.3	.6	3.9	1.6								6.8	8.8
W	3.6	3.2	4.5	2.3	.3							13.5	7.2
WNW	1.1	1.6	2.5	1.6		.3						7.4	8.8
NW	.3	1.3	3.5	1.3								6.5	8.4
NNW		1.3	4.2	1.0	.6							7.1	8.5
VARBL													
CALM												11.6	
	11.1	19.1	32.3	31.1	2.6	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14 [illegible] ALENDIEN, IL — 77-82 — DEC

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1?

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.?	1.[illegible]	1.3	.6							[illegible]	[illegible]
NNE			1.[illegible]	1.[illegible]		.?						1.2	12.0
NE		.[illegible]	.?	.3	.6							1.[illegible]	17.[illegible]
ENE		1.[illegible]	.6	.3								1.?	7.5
E	.4	1.[illegible]	1.[illegible]	1.3								3.?	7.8
ESE		.6	.6									1.?	6.5
SE		.?	1.?									1.[illegible]	8.2
SSE	.?	1.[illegible]	.6	.6								1.[illegible]	7.3
S	1.?	1.5	3.[illegible]	1.3	.3							7.7	8.4
SSW	.5	2.?	3.5	3.5	.6							10.3	9.8
SW	.4	1.?	1.3	4.6	1.?							9.[illegible]	11.6
WSW	1.[illegible]	1.9	4.[illegible]	2.5								10.[illegible]	7.7
W	1.?	3.9	6.1	4.8								16.[illegible]	8.2
WNW	1.[illegible]	1.[illegible]	1.9	2.6								7.1	9.0
NW		1.[illegible]	1.[illegible]	1.3								4.5	3.7
NNW	.?	1.6	2.?	1.6	.6	.?						6.[illegible]	10.1
VARBL													
CALM												4.5	
	.[illegible]	[illegible].9	32.6	27.[illegible]	4.2	.6						100.?	8.6

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348/201

3

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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 DEC

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												3.2	12.3
NNE												3.2	9.7
NE												4.4	6.8
ENE												1.3	5.2
E												2.9	8.1
ESE												1.3	7.0
SE												2.4	7.6
SSE												1.3	9.8
S												9.7	7.5
SSW												11.2	10.2
SW												7.4	10.6
WSW												9.7	8.1
W												15.8	9.5
WNW												7.8	9.3
NW												5.2	8.9
NNW												6.8	8.7
VARBL													
CALM												4.5	
												100.0	

TOTAL NUMBER OF OBSERVATIONS 315

* U.S. GPO 1981-741-048 /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 _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 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

*U.S. GPO 1984 /421 438 /11

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

CLASS _____ HOURS (L S T) 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												3.6	9.5
NNE												2.3	7.7
NE												2.6	8.0
ENE												.5	8.2
E												2.9	8.2
ESE												3.3	7.5
SE												2.4	7.4
SSE												2.1	8.0
S												11.4	7.6
SSW												9.1	8.3
SW												10.7	8.5
WSW												6.5	7.8
W												11.7	8.8
WNW												9.7	8.3
NW												7.4	7.2
NNW												5.1	8.9
VARBL													
CALM												2.4	

TOTAL NUMBER OF OBSERVATIONS 339

&US 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)

[illegible] [illegible] [illegible] 73-82 DEC
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	.4	1.1	1.7	.4	.2	.1	.1					4.0	4.2
NNE	.3	.3	.7	1.5	.1	.1						2.4	11.1
NE	.3	.4	.9	.4	.2	.0						2.1	7.2
ENE	.2	.3	.4	.2								1.3	5.7
E	.4	.4	.6	1.0								2.4	8.1
ESE	.3	.6	.8	.3								2.0	7.0
SE	.2	.3	.8	.5	.0							1.8	6.7
SSE	.3	.3	1.0	.3	.0							2.0	6.7
S	1.1	2.7	3.4	1.4	.2							8.9	7.5
SSW	.3	2.3	3.0	2.5	.5	.1						10.2	9.2
SW	.3	2.1	2.7	2.5	.4	.1						8.5	9.2
WSW	1.1	2.1	3.0	1.6	.1							8.0	7.6
W	1.6	3.3	4.3	2.9	.4							13.2	7.9
WNW	1.3	2.1	2.6	1.3	.3	.1						7.6	7.9
NW	.7	2.1	2.0	1.4	.1							7.2	7.8
NNW	.6	1.7	2.7	1.3	.4	.0						6.5	8.7
VARBL													
CALM												10.3	
	10.2	24.3	31.5	19.7	2.8	.5	.1					100.1	7.4

TOTAL NUMBER OF OBSERVATIONS 2476

USCG GPO 1984 /41 348 201

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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 | 73-76 YEARS | ALL MONTH

ALL WEATHER CLASS | ALL HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	1.5	1.2	.2	.1	.0	.0				4.8	8.8
NNE	.3	1.3	1.7	1.2	.2	.1						5.0	8.7
NE	.4	1.4	1.6	.4	.1	.0						4.4	3.1
ENE	.3	1.3	1.5	.6	.2	.0	.0					4.0	7.2
E	.7	1.4	1.4	.6	.1	.1						5.2	6.5
ESE	.6	.8	1.0	.3	.1							2.7	6.8
SE	.3	.6	.4	.2	.0							1.6	6.9
SSE	.4	.7	.7	.4	.0							2.2	7.2
S	1.1	2.2	2.2	1.5	.2	.0						6.4	7.8
SSW	.3	2.3	3.0	1.9	.2	.0	.0					7.8	8.4
SW	.3	2.1	2.7	1.5	.2	.0	.0	.0				6.9	8.2
WSW	1.4	2.1	2.2	1.2	.1	.0	.0					6.6	7.6
W	1.4	3.2	3.4	2.2	.4	.1	.0					10.6	8.0
WNW	1.3	1.6	1.5	1.3	.1	.1						5.9	7.4
NW	.5	1.4	1.6	.6	.1	.0						4.7	7.4
NNW	.3	1.3	1.6	.6	.1	.0	.0					4.1	7.7
VARBL													
CALM												15.1	
	11.3	25.3	29.4	15.9	2.1	.4	.0	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 29212

*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 [illegible] STATION NAME 73-[illegible] YEARS ALL MONTH

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

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE.

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 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]	2.1	3.4	2.2	.7	.3	.1					10.[illegible]	10.1
NNE	.[illegible]	1.3	2.2	1.3	.3	.2						7.7	9.[illegible]
NE	.[illegible]	1.[illegible]	2.2	1.6	.3	.1						6.[illegible]	8.8
ENE	.[illegible]	1.2	2.1	1.2	.1	.[illegible]	.[illegible]					[illegible].3	7.9
E	1.[illegible]	2.[illegible]	2.2	1.3	.2							7.3	8.[illegible]
ESE	.[illegible]	.9	1.[illegible]	.4	.1							3.[illegible]	7.4
SE	.[illegible]	.[illegible]	.[illegible]	.5								2.4	7.1
SSE	.[illegible]	1.1	1.[illegible]	.6	.1							3.8	7.8
S	.[illegible]	2.1	3.1	1.2	.1	.1						7.[illegible]	7.8
SSW	.[illegible]	2.[illegible]	1.[illegible]	1.3	.2							6.1	7.8
SW	.[illegible]	1.2	1.7	.9	.1	.1	.[illegible]					5.[illegible]	7.7
WSW	.7	1.3	1.7	1.[illegible]	.1							4.9	7.8
W	.[illegible]	1.4	1.7	.[illegible]	.3	.[illegible]						5.2	7.8
WNW	.[illegible]	1.3	.[illegible]	.6	.1							3.2	6.[illegible]
NW	.[illegible]	1.4	1.3	1.[illegible]	.2							4.8	8.2
NNW	.[illegible]	1.6	1.[illegible]	.8	.1							4.[illegible]	7.[illegible]
VARBL													
CALM												12.[illegible]	
	1.[illegible]	25.1	30.[illegible]	18.[illegible]	2.[illegible]	.7	.1					100.[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS 3865

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

SMOS

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

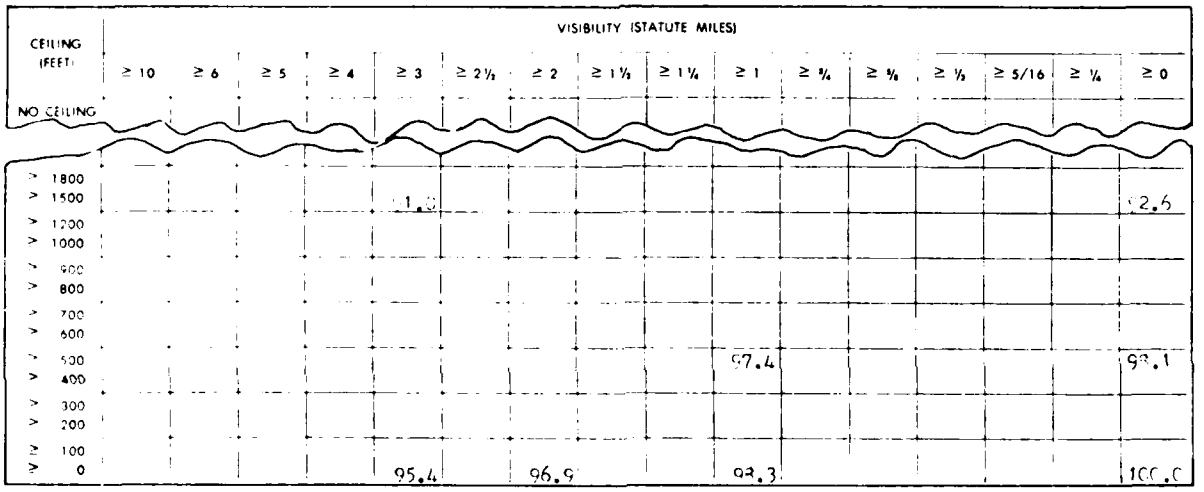
This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



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 JAN

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	71.3	75.4	42.3	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	73.5	41.4	44.3	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	73.5	41.4	44.3	44.8	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	73.5	41.4	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	73.5	41.4	44.3	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 12000	73.5	42.4	45.8	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	74.4	47.1	50.7	51.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	74.4	47.1	50.7	51.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	67.7	53.7	57.7	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
≥ 7000	61.0	51.0	56.2	56.5	55.2	55.8	55.8	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.5	55.5
≥ 6000	61.2	51.2	56.5	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 5000	61.2	51.2	56.5	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4500	62.3	52.4	57.5	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	62.3	54.5	57.1	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500	63.3	56.1	58.4	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 3000	66.0	61.3	64.2	64.1	66.8	66.8	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2500	67.4	63.9	67.7	69.4	71.7	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	68.7	67.1	72.3	73.6	75.2	75.2	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	69.4	67.7	73.2	74.5	76.1	76.1	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	69.4	68.0	73.2	77.1	79.4	79.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1200	70.6	70.3	76.1	78.4	81.0	81.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	70.6	70.9	76.1	80.7	83.9	83.9	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900	70.9	70.7	77.0	81.9	85.5	85.8	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	70.9	70.7	79.4	82.6	86.1	86.5	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	70.9	70.7	79.4	83.6	87.4	87.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	70.9	71.0	79.7	83.9	87.7	88.1	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	70.9	71.0	79.7	83.9	87.7	88.1	92.3	92.9	92.9	93.2	93.6	93.6	93.9	93.9	93.9	93.9
≥ 400	70.9	71.3	80.0	84.2	88.1	88.4	93.2	94.2	94.2	95.2	95.5	95.5	96.1	96.1	96.1	96.1
≥ 300	70.9	71.5	80.0	84.2	88.1	88.4	93.2	94.2	94.2	95.5	96.5	96.5	97.1	97.1	97.1	97.1
≥ 200	70.9	71.5	80.0	84.2	88.1	88.4	93.2	94.2	94.2	96.5	97.4	97.4	98.1	98.1	98.1	98.4
≥ 100	70.9	71.7	80.0	84.2	88.1	88.4	93.2	94.2	94.2	96.8	98.1	98.1	99.0	99.0	99.4	100.0
≥ 0	70.9	71.3	80.0	84.2	88.1	88.4	93.2	94.2	94.2	96.8	98.1	98.1	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 312

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																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 700																
≥ 600																
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≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
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≥ 400															
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≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ 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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____ 31[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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

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

TOTAL NUMBER OF OBSERVATIONS 232

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			41.5	43.3	44.3	44.8	44.3	44.5	44.7	44.3	44.7	44.3	44.7	44.7	44.7	44.7
≥ 20000		44.	45.2	46.8	47.3	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000		44.7	45.8	46.9	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 16000		44.	45.2	46.3	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000	41.3	44.3	45.4	47.2	47.5	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	41.3	45.0	46.1	47.9	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 10000	34.8	45.6	47.7	51.8	52.5	52.5	52.8	52.8	52.9	52.9	52.8	52.8	52.8	53.2	53.2	53.2
≥ 9000	34.	48.5	50.0	52.1	52.5	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.6	53.6	53.6
≥ 8000	41.3	50.7	52.1	54.3	55.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.0
≥ 7000	41.3	50.7	52.1	54.3	55.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.	56.0
≥ 6000	35.4	51.1	52.5	54.6	55.3	55.3	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.4	56.4	56.4
≥ 5000	41.3	52.9	54.3	56.4	57.1	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	58.2	58.2	58.2
≥ 4500	42.3	53.9	55.7	57.8	58.5	58.5	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6
≥ 4000	42.3	56.7	58.9	61.0	62.1	62.1	62.4	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1
≥ 3500	42.3	58.0	60.2	62.3	63.4	63.4	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.9	64.9	64.9
≥ 3000	42.3	61.4	63.3	66.2	68.1	68.1	68.4	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2
≥ 2500	41.	65.6	68.8	71.8	73.4	73.4	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.5	74.5	74.5
≥ 2000	42.3	68.1	71.3	74.1	76.6	76.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.4
≥ 1800	42.6	69.0	73.1	77.9	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.1
≥ 1500	44.7	72.	76.2	79.1	81.6	81.6	82.	84.0	84.0	84.0	84.0	84.0	84.0	84.4	84.4	84.4
≥ 1200	44.7	73.1	77.7	82.5	83.9	83.9	84.3	85.8	85.8	85.8	85.8	85.8	85.8	86.2	86.2	86.2
≥ 1000	44.7	73.1	77.7	82.9	84.4	84.4	86.5	87.9	87.9	87.9	87.9	87.9	87.9	88.3	88.3	88.3
≥ 900	44.3	73.4	77.9	81.6	85.1	85.5	87.6	89.0	89.0	89.0	89.0	89.0	89.4	89.8	89.8	89.8
≥ 800	44.7	74.1	78.7	82.3	86.2	86.5	88.7	90.4	90.4	90.4	90.4	90.4	90.8	90.8	90.8	90.8
≥ 700	44.7	74.1	78.7	82.6	86.9	87.2	90.1	91.8	91.9	91.8	91.8	91.8	91.8	92.2	92.2	92.2
≥ 600	44.7	74.5	79.1	83.3	87.6	87.9	90.8	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.3	93.3
≥ 500	44.3	74.5	79.4	83.7	87.9	88.7	91.8	93.6	93.6	93.6	94.0	94.0	94.3	94.3	94.3	94.3
≥ 400	44.7	74.8	79.8	84.0	88.3	89.0	92.6	94.7	94.7	95.0	95.7	95.7	96.1	96.1	96.1	96.1
≥ 300	44.7	74.8	79.8	84.0	88.3	89.0	92.9	95.0	95.0	95.7	97.2	97.2	97.9	97.9	97.9	97.9
≥ 200	44.7	74.8	79.8	84.0	88.3	89.0	92.9	95.0	95.0	95.7	97.2	97.2	98.2	98.2	98.2	98.2
≥ 100	44.3	74.8	79.8	84.0	88.3	89.0	92.9	95.0	95.0	95.7	97.2	97.2	98.2	98.2	99.3	99.3
≥ 0	44.7	74.8	79.8	84.0	88.3	89.0	92.9	95.0	95.0	95.7	97.2	97.2	98.2	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible], IL YEARS [illegible] MONTH Feb

HOURS (L S T) [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	36.2	36.2	37.9	39.7	41.4	41.4	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	37.3	36.2	41.9	42.9	43.6	43.6	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	37.3	38.7	40.9	41.9	43.6	43.6	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	37.3	38.7	41.9	42.9	43.6	43.6	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	37.3	39.0	41.1	42.3	44.0	44.0	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 12000	38.4	39.7	41.8	44.0	44.7	44.7	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 10000	39.4	40.8	43.4	47.5	48.6	48.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	39.4	42.0	43.4	47.5	48.6	48.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	41.0	46.5	49.7	52.1	53.2	53.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 7000	41.0	46.8	50.0	52.5	53.6	53.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 6000	41.4	47.2	50.4	53.2	54.3	54.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 5000	43.3	49.7	53.2	56.4	57.5	57.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4500	54.1	60.7	64.3	67.5	58.5	58.5	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4000	54.1	61.1	65.3	68.9	69.9	69.9	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3500	55.1	63.1	67.8	61.7	62.8	62.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3000	56.2	67.3	61.1	66.3	67.4	67.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2500	56.2	68.1	62.9	67.2	68.1	68.1	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2000	72.6	72.1	67.7	72.7	74.1	74.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800	73.0	63.0	69.2	74.1	75.9	75.9	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	73.0	65.6	72.3	77.7	79.4	79.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1200	74.0	67.0	74.1	79.4	81.9	81.9	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1000	74.0	67.7	75.6	81.6	85.1	85.1	87.6	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	74.0	68.1	75.9	81.9	85.8	85.8	88.3	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	74.0	68.1	75.9	82.3	86.2	86.5	89.0	89.7	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	74.0	68.4	76.2	82.6	86.5	86.9	89.7	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	74.0	68.4	76.2	82.6	86.5	86.9	90.1	91.1	91.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	74.0	68.4	76.2	82.6	86.5	87.2	90.8	91.8	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	74.0	68.4	76.6	83.1	87.2	87.9	91.5	92.9	93.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	74.0	68.4	76.6	83.0	87.2	87.9	91.5	92.9	93.3	95.7	96.1	96.1	96.5	96.5	96.5	96.5
≥ 200	74.0	68.4	76.6	83.0	87.2	87.9	91.5	92.9	93.3	95.7	96.5	96.5	97.2	97.2	97.2	97.2
≥ 100	74.0	68.4	76.6	83.0	87.2	87.9	91.5	92.9	93.3	96.1	96.3	97.2	98.2	98.2	98.9	99.7
≥ 0	74.0	68.4	76.6	83.0	87.2	87.9	91.5	92.9	93.3	96.1	97.2	97.5	98.6	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 252

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	[illegible]	34.2	[illegible]	[illegible]	37.6	[illegible]	39.0	[illegible]	39.4	39.4	39.4	39.4	39.4	39.4	39.4	[illegible]
≥ 20000	[illegible]	36.2	38.7	39.4	40.4	41.1	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	[illegible]	36.2	38.7	39.4	[illegible]	41.1	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	[illegible]
≥ 16000	[illegible]	36.2	38.7	39.4	[illegible]	[illegible]	41.8	[illegible]	[illegible]	42.2	42.2	42.2	42.2	42.2	42.2	[illegible]
≥ 14000	[illegible]	36.2	39.4	[illegible]	41.1	41.8	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	[illegible]
≥ 12000	[illegible]	37.4	[illegible]	41.1	42.2	42.9	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 10000	[illegible]	40.4	44.0	[illegible]	46.8	47.5	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000	[illegible]	41.1	[illegible]	46.1	47.9	48.6	49.7	[illegible]	50.0	50.0	50.0	50.0	50.0	50.0	50.0	[illegible]
≥ 8000	[illegible]	44.7	49.6	49.7	52.1	[illegible]	54.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	46.1	[illegible]	51.1	53.9	[illegible]	56.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	47.2	51.1	[illegible]	55.0	[illegible]	[illegible]	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	[illegible]
≥ 5000	[illegible]	47.3	[illegible]	[illegible]	56.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	48.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	49.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	50.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1?

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	37.2	38.7	39.4	39.7	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	[illegible]	42.6	44.2	44.7	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000	[illegible]	42.6	44.2	44.7	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	[illegible]	42.6	44.2	44.7	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 14000	[illegible]	42.6	44.2	44.7	45.4	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 12000	[illegible]	43.6	45.2	45.7	46.5	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 10000	43.7	47.9	50.0	51.1	51.9	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 9000	43.7	48.3	50.4	51.4	52.1	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 8000	55.8	51.3	53.0	54.0	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	55.8	52.1	54.3	56.4	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 6000	55.8	52.1	56.7	56.7	57.8	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 5000	55.8	52.1	56.7	57.8	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4500	[illegible]	52.1	57.1	58.2	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4000	56.1	53.1	57.8	58.9	60.3	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3500	56.1	55.9	58.2	59.6	61.0	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3000	59.3	59.2	63.5	65.3	67.4	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2500	60.4	61.4	67.0	68.8	71.3	72.0	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	60.4	63.8	69.9	72.3	75.2	76.2	77.0	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1800	60.4	64.5	70.6	73.4	76.6	77.7	78.4	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	62.2	67.7	74.5	77.3	81.2	82.3	83.0	84.0	84.2	84.8	85.1	85.1	85.5	85.5	85.5	85.5
≥ 1200	62.4	68.4	75.5	79.1	83.2	84.3	85.1	86.8	86.8	87.2	87.6	87.6	87.9	87.9	87.9	87.9
≥ 1000	62.6	68.9	76.2	80.1	84.2	85.2	87.9	89.4	89.4	90.1	90.4	90.4	91.1	91.1	91.1	91.1
≥ 900	62.6	69.0	76.2	80.1	84.4	86.5	88.3	89.7	89.7	90.4	90.8	90.8	91.6	91.8	91.8	91.8
≥ 800	62.6	69.0	76.2	80.1	85.5	87.6	89.7	91.1	91.1	91.8	92.6	92.6	93.6	93.6	93.6	93.6
≥ 700	62.4	69.2	76.6	80.5	85.0	87.9	90.8	92.2	92.2	93.3	94.3	94.3	95.4	95.4	95.4	95.4
≥ 600	62.6	69.5	77.0	80.9	86.2	89.0	91.8	93.3	93.7	94.3	95.4	95.4	96.5	96.5	96.5	96.5
≥ 500	62.6	69.5	77.0	80.9	86.2	89.0	91.8	93.3	93.6	94.7	95.7	95.7	97.2	97.2	97.2	97.2
≥ 400	62.6	69.5	77.2	81.2	86.5	89.4	92.2	93.6	94.0	95.7	97.2	97.2	98.6	98.6	98.6	98.6
≥ 300	62.6	69.5	77.2	81.2	86.5	89.4	92.2	93.6	94.0	95.7	97.2	97.2	98.9	98.9	98.9	98.9
≥ 200	62.6	69.5	77.3	81.2	86.5	89.4	92.2	93.6	94.0	95.7	97.2	97.2	99.3	99.3	99.3	99.3
≥ 100	62.6	69.5	77.3	81.2	86.5	89.4	92.2	93.6	94.0	95.7	97.2	97.2	99.3	99.3	99.3	100.0
≥ 0	62.6	69.5	77.3	81.2	86.5	89.4	92.2	93.6	94.0	95.7	97.2	97.2	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 282

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																
≥ 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 [illegible] STATION NAME [illegible], TX YEARS 73-74 MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 13

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.[illegible]	40.9	41.3	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	38.[illegible]	47.8	49.3	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	38.[illegible]	47.5	49.3	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	38.[illegible]	47.5	49.3	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	38.2	47.7	49.7	50.7	51.4	51.4	51.8	51.8	51.9	51.8	51.8	51.8	51.9	51.6	51.8	51.8
≥ 12000	38.[illegible]	50.4	52.5	53.6	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	39.[illegible]	52.[illegible]	55.3	56.4	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000	39.[illegible]	52.6	55.7	56.7	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	40.[illegible]	55.0	57.8	58.9	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	41.[illegible]	55.7	58.2	59.2	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000	41.[illegible]	55.[illegible]	57.5	59.6	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	41.[illegible]	56.4	58.[illegible]	61.4	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4500	41.9	57.1	61.[illegible]	62.1	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4000	42.[illegible]	58.5	62.4	63.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500	42.6	59.9	63.9	64.9	66.7	67.[illegible]	67.[illegible]	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000	44.[illegible]	64.2	68.[illegible]	70.2	72.3	73.1	73.1	73.4	73.4	73.4	73.9	73.8	74.1	74.1	74.1	74.1
≥ 2500	44.[illegible]	67.0	72.[illegible]	74.5	76.5	77.3	77.[illegible]	77.7	77.7	77.7	78.[illegible]	78.[illegible]	78.4	78.4	78.4	78.4
≥ 2000	45.4	69.5	75.5	78.7	81.9	83.3	83.[illegible]	83.7	83.7	83.7	84.[illegible]	84.[illegible]	84.4	84.4	84.4	84.4
≥ 1800	45.[illegible]	70.2	76.2	79.4	82.0	84.4	84.4	84.8	84.8	84.8	85.1	85.1	85.5	85.5	85.5	85.5
≥ 1500	46.1	70.9	77.3	81.2	84.8	86.2	86.2	87.2	87.2	87.2	87.6	87.6	87.9	87.9	87.9	87.9
≥ 1200	46.1	71.6	78.[illegible]	82.3	85.8	87.2	87.2	88.3	88.3	88.7	88.7	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]
≥ 1000	46.[illegible]	72.[illegible]	81.1	84.8	89.[illegible]	90.8	91.1	92.6	92.6	92.9	93.3	93.3	94.0	94.0	94.0	94.0
≥ 900	46.[illegible]	73.1	81.[illegible]	85.1	89.4	91.1	91.5	92.9	92.9	93.3	93.6	93.6	94.3	94.3	94.3	94.3
≥ 800	46.[illegible]	73.4	80.9	85.8	90.1	91.8	92.2	93.6	93.6	94.[illegible]	95.0	95.0	95.7	95.7	95.7	95.7
≥ 700	46.[illegible]	73.4	80.9	85.8	90.1	92.2	92.6	94.3	94.3	95.4	95.7	95.7	96.5	96.5	96.5	96.5
≥ 600	46.[illegible]	73.4	80.9	85.8	90.1	92.6	92.9	94.7	95.[illegible]	96.5	96.8	96.8	97.5	97.5	97.5	97.5
≥ 500	46.[illegible]	73.4	80.9	86.2	90.4	92.9	93.3	95.0	95.4	96.8	97.5	97.5	98.2	98.2	98.2	98.2
≥ 400	46.[illegible]	73.4	80.9	86.2	90.4	92.9	93.6	95.7	96.1	97.5	98.2	98.2	98.9	98.9	98.9	98.9
≥ 300	46.[illegible]	73.4	80.9	86.2	90.4	92.9	93.6	95.7	96.1	97.5	98.2	98.2	98.9	98.9	98.9	98.9
≥ 200	46.[illegible]	73.4	80.9	86.2	90.4	92.9	93.6	95.7	96.1	97.5	98.2	98.2	99.3	99.3	99.3	99.3
≥ 100	46.[illegible]	73.4	80.9	86.2	90.4	92.9	93.6	95.7	96.1	97.5	98.2	98.2	99.3	99.3	99.3	100.0
≥ 0	46.[illegible]	73.4	80.9	86.2	90.4	92.9	93.6	95.7	96.1	97.5	98.2	98.2	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 282

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

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	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
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≥ 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)

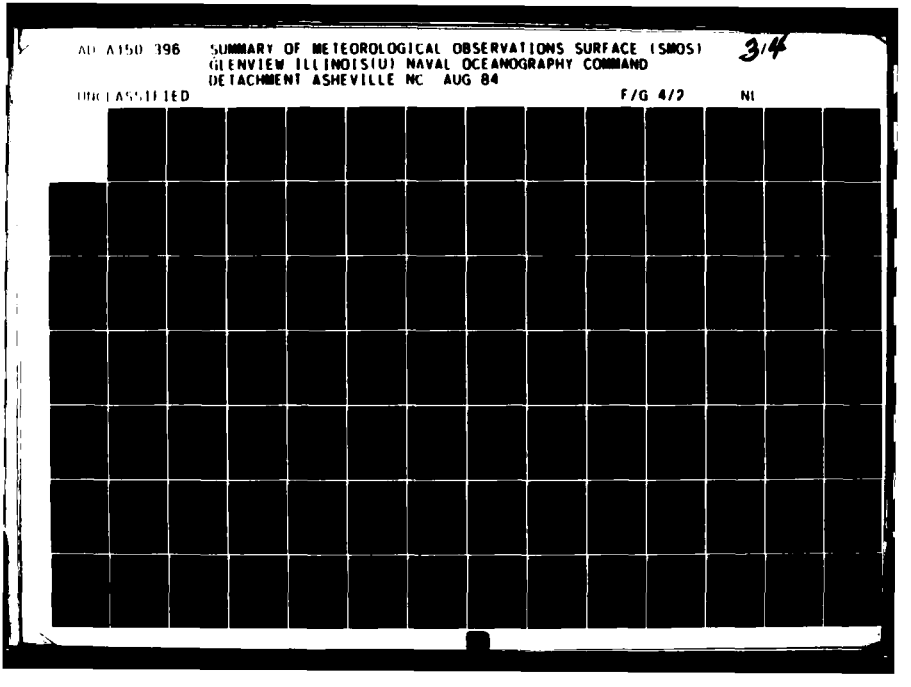
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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≥ 1800																
≥ 1500																
≥ 1200																
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≥ 400																
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≥ 200																
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0																

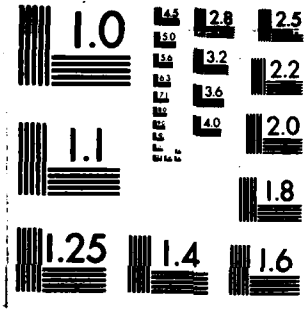
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD A150 396 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) GLENVIEW ILLINOIS(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 3/4

UNCLASSIFIED F/G 4/2 NL





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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] GLENVIEW, IL 73-82 MAR

STATION STATION NAME YEARS MONTH

06

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible].1	36.5	40.0	41.9	42.3	42.3	42.9	43.2	43.2	43.2	43.2	43.2	43.6	43.6	43.6	43.6
≥ 20000	[illegible].4	38.7	42.6	44.8	45.5	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.8	46.8	46.8	46.8
≥ 18000	[illegible].4	38.7	42.6	44.8	45.5	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.8	46.8	46.8	46.8
≥ 16000	[illegible].4	38.7	42.6	44.8	45.5	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.8	46.8	46.8	46.8
≥ 14000	[illegible].7	39.0	42.9	45.2	45.8	45.8	46.5	46.8	46.8	46.8	46.8	46.8	47.1	47.1	47.1	47.1
≥ 12000	[illegible].0	39.7	43.6	45.8	46.5	46.5	47.1	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7
≥ 10000	[illegible].4	42.6	46.8	49.0	49.7	49.7	50.3	50.7	50.7	50.7	50.7	50.7	51.0	51.0	51.0	51.0
≥ 9000	[illegible].4	43.6	47.7	50.0	50.7	50.7	51.3	51.6	51.6	51.6	51.6	51.6	51.9	51.9	51.9	51.9
≥ 8000	34.2	46.1	50.3	52.6	53.2	53.2	53.9	54.2	54.2	54.2	54.2	54.2	54.5	54.5	54.5	54.5
≥ 7000	34.2	47.1	51.6	53.9	54.8	54.8	55.5	55.8	55.8	55.8	55.8	55.8	56.1	56.1	56.1	56.1
≥ 6000	34.8	47.1	51.9	54.2	55.2	55.2	55.8	56.1	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.5
≥ 5000	35.2	48.1	53.2	55.8	57.1	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4
≥ 4500	35.5	49.0	54.2	56.8	58.1	58.1	58.7	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4
≥ 4000	36.1	50.7	55.8	58.4	59.7	60.0	60.7	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3
≥ 3500	36.8	51.3	56.5	59.2	60.7	61.0	61.6	61.9	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.3
≥ 3000	39.4	54.6	61.3	63.9	65.8	66.1	67.1	68.1	68.1	68.4	68.4	68.4	68.7	68.7	68.7	68.7
≥ 2500	41.3	58.1	64.8	67.4	69.7	70.0	71.3	72.3	72.3	72.6	72.6	72.6	72.9	72.9	72.9	72.9
≥ 2000	42.6	60.7	67.7	70.7	73.2	73.6	75.5	76.5	76.5	76.8	76.8	76.8	77.1	77.1	77.1	77.1
≥ 1800	43.2	61.3	68.4	71.3	73.9	74.2	76.1	77.1	77.1	77.4	77.4	77.4	77.7	77.7	77.7	77.7
≥ 1500	43.6	62.6	69.7	72.9	76.8	77.4	79.7	81.0	81.0	81.3	81.3	81.3	81.6	81.6	81.6	81.6
≥ 1200	44.2	63.2	70.7	74.2	78.4	79.0	81.3	82.6	82.9	83.2	83.2	83.2	83.6	83.6	83.6	83.6
≥ 1000	44.2	63.9	71.6	75.5	80.3	81.3	83.6	84.8	85.5	86.5	86.5	86.5	86.8	86.8	86.8	86.8
≥ 900	44.2	64.2	72.3	76.1	81.0	81.9	84.2	85.5	86.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4
≥ 800	44.2	65.5	73.9	77.7	82.9	83.9	86.1	87.7	88.4	90.0	90.3	90.3	90.7	90.7	90.7	90.7
≥ 700	44.2	65.8	74.2	78.1	83.6	84.5	86.8	88.4	89.0	90.7	91.3	91.3	91.6	91.6	91.6	91.6
≥ 600	44.2	65.8	74.2	78.1	84.2	85.2	87.7	89.4	90.3	91.9	92.6	92.6	92.9	92.9	92.9	92.9
≥ 500	44.2	65.8	74.2	78.1	84.2	85.2	88.1	89.7	90.7	92.9	93.6	93.6	93.9	93.9	93.9	93.9
≥ 400	44.2	65.8	74.2	78.1	84.5	85.5	88.4	90.3	91.3	93.9	94.8	94.8	95.2	95.2	95.2	95.2
≥ 300	44.2	65.8	74.2	78.1	84.8	85.8	88.7	90.7	91.6	94.8	96.5	96.5	96.8	96.8	97.1	97.1
≥ 200	44.2	65.8	74.2	78.1	84.8	85.8	88.7	90.7	91.6	94.8	96.5	96.5	96.8	96.8	97.1	97.4
≥ 100	44.2	65.8	74.2	78.1	84.8	85.8	88.7	90.7	91.6	95.2	96.8	96.8	97.4	97.4	98.1	98.7
0	44.2	65.8	74.2	78.1	84.8	85.8	88.7	90.7	91.6	95.2	96.8	96.8	97.4	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14855	GLENVIEW, IL	73-82	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.7	38.0	37.7	39.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.7
≥ 20000	29.4	38.4	41.6	44.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5
≥ 18000	29.4	38.4	41.6	44.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5
≥ 16000	29.4	38.4	41.6	44.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5
≥ 14000	29.4	38.7	41.9	44.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.8
≥ 12000	30.3	39.7	42.9	45.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.8
≥ 10000	31.1	41.3	45.2	48.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4
≥ 9000	31.3	41.3	45.2	48.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4
≥ 8000	33.6	44.5	49.4	52.6	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.5
≥ 7000	35.5	47.1	51.9	55.2	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1
≥ 6000	35.5	47.4	52.3	55.5	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4
≥ 5000	36.1	48.7	53.9	57.1	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0
≥ 4500	36.5	49.4	54.5	57.7	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.3
≥ 4000	36.8	50.0	55.2	58.4	60.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6
≥ 3500	38.1	51.3	55.5	59.7	61.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9
≥ 3000	39.7	53.2	59.7	62.9	64.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.1
≥ 2500	41.3	56.8	63.2	66.8	68.4	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3
≥ 2000	42.3	60.7	67.4	71.0	73.6	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5
≥ 1800	42.7	61.9	68.7	72.3	75.5	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
≥ 1500	43.9	63.9	70.7	74.2	78.4	79.7	80.3	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.3
≥ 1200	43.9	64.2	71.0	74.8	79.4	81.3	81.9	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.2
≥ 1000	44.2	65.2	72.6	76.5	81.3	83.6	84.5	85.2	85.5	86.2	86.5	86.5	86.5	86.5	86.5	86.8
≥ 900	44.2	65.2	72.6	76.8	82.3	84.5	85.5	86.1	86.5	87.7	87.7	87.7	87.7	87.7	87.7	88.1
≥ 800	44.2	65.5	72.9	77.1	83.2	85.5	87.4	88.4	88.7	90.3	90.3	90.3	90.7	90.7	90.7	91.0
≥ 700	44.2	66.5	73.9	78.4	84.5	86.8	89.0	90.3	90.7	92.3	92.3	92.3	92.6	92.6	92.6	92.9
≥ 600	44.2	66.8	74.2	78.7	85.5	88.1	90.7	92.3	92.6	94.2	94.2	94.2	94.5	94.5	94.5	94.8
≥ 500	44.2	67.4	74.8	79.4	86.1	88.7	91.3	92.9	93.6	95.2	95.8	96.1	96.5	96.5	96.5	96.8
≥ 400	44.2	67.4	74.8	79.4	86.1	88.7	91.3	92.9	93.6	95.5	96.1	96.5	96.8	96.8	96.8	97.1
≥ 300	44.2	67.4	74.8	79.4	86.1	88.7	91.3	93.2	93.9	95.8	96.5	96.8	97.1	97.1	97.1	97.4
≥ 200	44.2	67.4	74.8	79.4	86.1	88.7	91.3	93.2	93.9	95.8	96.5	96.8	97.4	97.4	98.4	99.0
≥ 100	44.2	67.4	74.8	79.4	86.1	88.7	91.3	93.2	93.9	95.8	96.5	96.8	97.4	97.4	98.7	99.7
≥ 0	44.2	67.4	74.8	79.4	86.1	88.7	91.3	93.2	93.9	95.8	96.5	96.8	97.4	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14955 (STATION) GLENVIEW, IL (STATION NAME) 73-32 (YEARS) MAR (MONTH)

12 (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	≥ ¼	≥ 5/16	≥ 0
NO CEILING	28.4	36.5	38.1	38.7	39.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	31.9	43.9	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	31.9	43.9	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 16000	31.9	43.9	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	31.9	43.9	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	32.9	45.2	46.8	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 10000	34.8	48.4	50.0	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	35.5	49.4	51.0	51.6	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 8000	35.9	51.3	52.9	53.6	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 7000	36.1	51.6	53.2	53.9	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000	36.8	52.3	53.9	54.5	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000	36.9	52.6	54.5	55.2	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	37.4	53.2	55.5	56.1	56.8	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 4000	37.7	53.9	56.1	57.1	57.7	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	38.7	54.8	57.1	58.1	59.0	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3000	42.6	59.7	62.6	63.9	65.5	66.1	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 2500	46.9	66.5	70.3	71.9	73.6	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2000	47.7	69.7	73.9	75.8	78.1	79.4	79.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	47.7	70.3	74.9	76.5	78.7	80.0	80.3	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	48.1	72.6	77.7	80.0	82.9	84.2	84.5	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	48.1	73.9	79.0	81.6	85.2	86.5	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	48.4	74.6	80.0	82.9	86.8	88.4	89.0	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3
≥ 900	48.4	75.2	80.3	83.2	87.1	88.7	89.4	90.0	90.0	90.3	90.7	90.7	90.7	90.7	90.7
≥ 800	48.4	75.5	80.7	83.6	87.7	89.4	90.0	90.7	90.7	91.3	91.6	91.6	91.6	91.6	91.6
≥ 700	48.4	75.5	80.7	83.6	87.7	89.4	90.7	91.3	91.6	92.6	92.9	92.9	92.9	92.9	92.9
≥ 600	48.4	75.8	81.0	83.9	88.1	89.7	91.6	92.6	93.2	94.2	94.5	94.5	94.5	94.5	94.5
≥ 500	48.4	76.1	81.3	84.2	88.4	90.0	92.3	93.2	94.2	95.2	95.5	95.5	95.5	95.5	95.8
≥ 400	48.4	76.1	81.3	84.2	88.4	90.0	92.3	93.2	94.2	95.8	96.1	96.1	96.1	97.1	97.1
≥ 300	48.4	76.1	81.3	84.2	88.4	90.0	92.3	93.6	94.5	96.8	97.1	97.1	97.4	98.4	98.7
≥ 200	48.4	76.1	81.3	84.2	88.4	90.0	92.3	93.6	94.5	97.1	97.7	98.1	98.7	99.7	100.0
≥ 100	48.4	76.1	81.3	84.2	88.4	90.0	92.3	93.6	94.5	97.1	97.7	98.1	98.7	99.7	100.0
≥ 0	48.4	76.1	81.3	84.2	88.4	90.0	92.3	93.6	94.5	97.1	97.7	98.1	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14155 | GLENVIEW, IL | 73-82 | MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	38.7	40.7	40.3	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	36.4	46.1	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	36.4	46.1	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	36.4	46.1	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	36.4	46.5	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000	37.4	47.4	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	39.0	49.4	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	39.9	50.3	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	39.7	51.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 7000	39.7	51.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 6000	40.0	53.2	54.8	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
≥ 5000	40.7	55.2	56.8	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
≥ 4500	41.3	55.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000	42.6	58.1	59.7	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
≥ 3500	43.9	59.4	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3000	47.7	65.5	67.1	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
≥ 2500	50.7	70.3	72.6	73.6	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2000	51.9	73.6	76.5	77.4	78.7	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	51.9	74.2	77.4	78.4	79.7	80.3	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	52.3	76.5	80.0	81.0	82.3	83.2	83.9	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	52.3	77.1	81.0	82.3	83.6	84.8	85.8	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	52.9	78.4	82.3	83.9	85.8	87.1	89.4	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	52.9	78.4	82.6	84.2	86.1	87.4	89.7	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	52.9	78.4	82.6	84.2	86.1	88.1	90.3	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	52.9	78.4	82.6	84.2	86.1	88.7	91.0	92.6	92.6	92.6	93.2	93.2	93.6	93.6	93.6	93.6
≥ 600	52.9	78.4	82.6	84.5	86.8	89.4	91.9	93.6	93.6	93.6	94.2	94.2	94.8	94.8	94.8	94.8
≥ 500	52.9	78.4	82.9	84.8	87.4	90.0	92.9	94.5	94.5	94.5	96.1	96.1	96.8	97.1	97.1	97.1
≥ 400	52.9	78.4	82.9	84.8	87.4	90.0	92.9	94.5	94.5	94.5	96.1	96.1	96.8	97.1	97.1	97.1
≥ 300	52.9	78.4	82.9	84.8	87.4	90.0	92.9	94.5	94.5	95.8	97.7	97.7	98.4	98.7	98.7	98.7
≥ 200	52.9	78.4	82.9	84.8	87.4	90.0	92.9	94.5	94.5	95.8	97.7	97.7	98.4	99.0	99.4	99.4
≥ 100	52.9	78.4	82.9	84.8	87.4	90.0	92.9	94.5	94.5	95.8	97.7	97.7	98.4	99.0	99.4	99.7
≥ 0	52.9	78.4	82.9	84.8	87.4	90.0	92.9	94.5	94.5	95.8	97.7	97.7	98.4	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14955 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 (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	35.5	40.5	40.7	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	39.3	44.8	45.5	45.5	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	39.4	45.2	45.8	45.8	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000	39.4	45.2	45.8	45.8	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 14000	39.4	45.5	46.1	46.5	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	40.0	46.5	47.1	47.4	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	42.9	51.3	52.3	52.6	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000	42.9	51.3	52.3	52.6	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 8000	44.5	52.9	53.9	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
≥ 7000	45.5	54.2	55.2	55.5	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	46.5	55.8	56.8	57.1	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 5000	47.4	57.1	58.1	58.4	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4500	48.4	58.7	60.0	60.7	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	50.3	61.6	63.6	64.2	65.5	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	53.2	64.9	67.4	68.1	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	55.2	68.1	71.0	71.6	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	55.8	70.0	73.2	73.9	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	56.1	71.6	75.5	76.8	78.7	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	56.1	72.3	76.1	77.4	79.7	80.0	80.7	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	56.8	73.6	77.4	78.7	81.3	81.9	82.9	83.2	83.6	83.9	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1200	57.1	74.8	78.7	80.7	83.9	84.5	85.5	85.8	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	57.1	75.2	79.7	81.6	85.2	85.8	86.8	87.1	87.7	88.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	57.4	75.5	80.0	81.9	85.5	86.1	87.1	87.7	88.4	89.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	57.4	75.5	80.3	82.6	86.1	86.8	87.7	89.0	89.7	90.7	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	57.4	75.8	80.7	82.9	86.8	87.4	88.7	90.0	90.7	91.6	92.6	92.6	92.9	92.9	92.9	92.9
≥ 600	57.4	75.8	80.7	82.9	87.1	87.7	89.0	90.7	91.3	92.3	93.2	93.2	93.6	93.6	93.6	93.6
≥ 500	57.4	75.8	81.0	83.2	87.4	88.1	89.4	91.9	92.6	94.5	95.5	95.5	95.8	95.8	95.8	95.8
≥ 400	57.4	75.8	81.0	83.2	87.4	88.1	89.7	92.6	93.2	95.0	96.0	96.0	97.7	97.7	97.7	97.7
≥ 300	57.4	75.8	81.0	83.2	87.4	88.1	89.7	92.6	93.6	96.1	97.1	97.1	98.4	98.4	98.4	98.4
≥ 200	57.4	75.8	81.0	83.2	87.4	88.1	89.7	92.6	93.6	96.5	97.4	97.4	98.7	99.0	99.0	99.0
≥ 100	57.4	75.8	81.0	83.2	87.4	88.1	89.7	92.6	93.6	96.5	97.4	97.4	98.7	99.0	99.0	99.0
≥ 0	57.4	75.8	81.0	83.2	87.4	88.1	89.7	92.6	93.6	96.5	97.4	97.4	98.7	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET 5-/OS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	43.6	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	41.9	47.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	41.9	47.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 16000	41.9	47.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	42.6	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	43.6	49.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	45.8	52.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	46.1	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 8000	47.7	56.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	48.7	57.4	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	49.0	57.7	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 5000	51.0	60.3	61.6	61.6	61.9	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	51.9	61.3	62.6	62.6	62.9	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	53.2	62.9	64.5	64.5	64.8	65.2	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 3500	54.8	64.8	66.5	66.5	67.1	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	55.5	67.4	69.0	69.4	70.3	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	56.9	71.0	72.9	73.6	74.8	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	59.4	74.2	76.8	77.4	78.7	79.0	79.0	79.0	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	58.4	74.5	77.1	77.7	79.0	79.4	79.4	79.4	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	59.4	76.8	80.3	81.3	82.6	83.6	83.9	83.9	83.9	84.5	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	60.0	78.1	81.9	82.9	84.2	85.5	85.8	85.8	85.8	86.5	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	60.3	78.4	82.6	83.9	85.5	87.1	88.1	88.1	88.1	89.0	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	60.3	78.4	82.9	84.2	85.8	87.4	88.4	88.4	88.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	60.3	78.7	83.6	84.8	86.8	88.4	89.7	90.3	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	60.3	79.0	83.9	85.2	87.4	89.0	90.3	91.6	91.6	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	60.3	79.4	84.2	85.5	87.7	89.4	90.7	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	60.3	79.4	84.5	85.8	88.1	89.7	91.0	92.9	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	60.3	79.4	84.5	85.8	88.1	89.7	91.0	93.2	93.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	60.3	79.4	84.5	85.8	88.1	89.7	91.3	94.2	94.5	95.8	97.1	97.1	97.4	97.4	97.4	97.4
≥ 200	60.3	79.4	84.5	85.8	88.4	90.0	91.6	94.5	94.8	96.1	97.4	97.4	97.7	97.7	97.7	97.7
≥ 100	60.3	79.4	84.5	85.8	88.7	90.3	91.9	95.2	95.5	96.8	98.1	98.1	98.7	98.7	99.7	99.7
≥ 0	60.3	79.4	84.5	85.8	88.7	90.3	91.9	95.2	95.5	96.8	98.1	98.1	98.7	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.8	39.4	40.9	41.6	41.8	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 20000	35.4	43.8	45.4	46.2	46.6	46.6	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	35.5	43.8	45.4	46.3	46.7	46.7	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0
≥ 16000	35.5	43.8	45.4	46.3	46.7	46.7	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0
≥ 14000	35.7	44.1	45.7	46.6	47.0	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	36.4	45.1	46.7	47.6	48.0	48.1	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4
≥ 10000	36.4	48.2	49.9	50.8	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6
≥ 9000	38.6	48.5	50.3	51.3	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1
≥ 8000	40.4	51.4	53.4	54.4	55.0	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 7000	41.2	52.4	54.4	55.5	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 6000	41.5	53.0	55.1	56.1	56.8	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 5000	42.3	54.4	56.7	57.8	58.5	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 4500	42.8	55.2	57.6	58.7	59.5	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
≥ 4000	43.9	56.8	59.4	60.7	61.5	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.3
≥ 3500	45.1	58.4	61.2	62.4	63.3	63.6	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1
≥ 3000	47.1	61.7	65.0	66.5	67.9	68.2	68.5	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.0
≥ 2500	48.9	65.3	69.0	70.6	72.1	72.5	72.9	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.5
≥ 2000	50.3	68.7	72.9	74.8	76.7	77.2	77.7	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.5
≥ 1800	50.7	69.5	73.7	75.7	77.7	78.2	78.8	79.0	79.1	79.3	79.4	79.4	79.5	79.5	79.5	79.6
≥ 1500	51.3	71.7	76.2	78.4	80.9	81.7	82.5	82.9	82.9	83.2	83.4	83.4	83.5	83.5	83.5	83.6
≥ 1200	51.7	72.7	77.4	79.9	82.7	83.6	84.5	84.9	85.0	85.3	85.5	85.5	85.6	85.6	85.6	85.7
≥ 1000	51.9	73.4	78.4	81.1	84.4	85.5	86.8	87.2	87.4	88.0	88.3	88.3	88.4	88.4	88.4	88.4
≥ 900	51.9	73.6	78.7	81.4	84.9	86.0	87.3	87.8	88.0	88.7	89.0	89.0	89.0	89.0	89.1	89.1
≥ 800	51.9	73.9	79.1	81.9	85.6	86.9	88.4	89.2	89.4	90.3	90.7	90.7	90.9	90.9	90.9	90.9
≥ 700	51.9	74.2	79.4	82.3	86.1	87.4	89.1	90.1	90.3	91.3	91.7	91.7	92.0	92.0	92.0	92.1
≥ 600	51.9	74.3	79.6	82.5	86.5	88.0	90.0	91.2	91.5	92.5	92.9	92.9	93.2	93.2	93.3	93.3
≥ 500	51.9	74.4	79.9	82.8	87.0	88.6	90.6	92.0	92.4	93.8	94.5	94.5	94.8	94.8	94.9	95.0
≥ 400	51.9	74.4	80.0	82.9	87.2	88.8	91.0	92.5	93.0	94.7	95.5	95.5	96.0	96.1	96.2	96.3
≥ 300	51.9	74.4	80.0	82.9	87.3	88.9	91.2	92.9	93.5	95.6	96.5	96.5	97.1	97.2	97.4	97.5
≥ 200	51.9	74.4	80.0	82.9	87.4	89.0	91.3	93.0	93.6	95.8	96.8	96.9	97.6	97.8	98.2	98.4
≥ 100	51.9	74.4	80.0	82.9	87.4	89.0	91.3	93.1	93.7	96.0	97.0	97.1	97.9	98.2	99.0	99.3
≥ 0	51.9	74.4	80.0	82.9	87.4	89.0	91.3	93.1	93.7	96.0	97.0	97.1	97.9	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2480

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14855 (STATION) OLENVIEW, IL (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 (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	41.0	46.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	43.3	50.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	43.3	50.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	43.3	50.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	43.3	50.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	44.7	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	48.7	57.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	48.7	57.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	52.7	63.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	53.3	64.3	65.7	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
≥ 6000	54.3	65.7	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	55.7	67.7	69.0	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
≥ 4500	56.0	69.0	70.3	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
≥ 4000	58.7	72.0	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	59.0	74.0	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	61.3	77.0	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	62.0	78.0	79.3	79.7	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	63.7	80.3	82.0	82.3	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	63.7	81.0	82.7	83.0	83.7	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	65.3	84.3	86.7	87.0	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	85.3	84.7	87.3	88.3	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	86.0	86.7	89.7	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	86.0	86.7	89.7	91.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	86.0	87.3	90.3	91.7	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	86.0	88.0	91.3	92.7	93.7	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	86.0	89.0	92.7	94.3	95.3	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	86.0	89.0	92.7	94.7	95.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	86.0	89.0	93.3	95.3	96.7	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	86.0	89.0	93.3	95.7	97.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0
≥ 200	86.0	89.0	93.3	95.7	97.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.3	99.3
≥ 100	86.0	89.0	93.3	95.7	97.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.3	99.7
≥ 0	86.0	89.0	93.3	95.7	97.0	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14855 (STATION) | SPRINGFIELD, IL (STATION NAME) | 73-82 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 (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	39.7	46.7	47.3	47.3	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	41.7	46.7	50.3	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	41.0	48.7	50.3	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	41.0	48.7	50.3	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	41.0	48.7	50.3	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	41.3	49.3	51.0	51.3	51.3	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	44.7	54.3	56.0	56.3	56.3	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 9000	45.0	55.0	56.7	57.0	57.0	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	49.3	60.3	62.3	63.0	63.3	63.3	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	49.7	61.3	63.3	64.0	64.3	64.3	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	50.7	62.0	64.3	65.0	65.3	65.3	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	51.0	64.7	67.3	68.0	68.3	68.3	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	52.0	66.7	69.7	70.3	70.7	70.7	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	53.0	68.0	72.0	72.7	73.3	73.3	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	54.0	70.3	74.3	75.0	75.7	75.7	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	54.3	72.0	76.0	77.0	78.7	78.7	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	55.0	73.3	77.3	78.3	80.0	80.0	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	57.0	76.7	80.7	81.7	83.3	83.3	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	57.3	77.3	81.3	82.3	84.0	84.0	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	58.3	80.7	85.3	86.3	88.0	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	58.3	82.3	86.7	87.7	89.3	89.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	58.7	82.7	87.3	89.0	91.0	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	58.7	83.0	87.7	89.3	91.7	91.7	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	58.7	84.3	89.0	90.7	93.0	93.0	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	59.3	85.3	90.0	91.7	94.0	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	59.3	85.3	91.0	92.7	95.0	95.0	95.7	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	59.3	85.3	91.3	93.0	95.7	95.7	96.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	59.3	85.3	91.3	93.0	95.7	96.0	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	59.3	85.3	91.3	93.3	96.0	96.3	97.7	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	59.3	85.3	91.3	93.3	96.0	96.3	97.7	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	59.3	85.3	91.3	93.3	96.0	96.3	97.7	98.3	98.3	98.3	99.0	99.0	99.3	99.3	99.3	99.3
≥ 0	59.3	85.3	91.3	93.3	96.0	96.3	97.7	98.3	98.3	98.3	99.0	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
14858	CLEVELAND, IL	77-87	APR

HOURS (L S T) 06

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	34.3	40.3	42.3	43.0	43.7	44.0	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	35.7	44.3	45.7	47.7	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	36.7	44.7	47.0	48.0	48.7	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	36.7	44.7	47.0	48.0	48.7	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	36.3	45.3	47.3	48.3	49.0	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 12000	37.0	45.7	48.0	49.0	49.7	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	40.7	50.0	52.7	54.0	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	40.7	50.0	52.7	54.0	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	44.7	55.7	58.3	60.0	60.7	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 7000	46.3	58.3	61.3	63.0	64.0	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	47.3	59.7	62.7	64.3	65.3	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	48.7	61.3	64.3	66.0	67.0	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	49.3	61.7	65.3	67.3	68.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	50.3	63.3	67.0	69.3	70.7	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	50.7	64.0	68.0	70.7	72.0	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	50.7	64.7	69.0	71.7	73.7	74.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	52.0	66.7	72.0	75.3	77.7	78.0	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	52.7	68.3	73.7	77.0	79.3	79.7	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800	52.7	68.3	73.7	77.3	79.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	54.3	72.7	77.7	81.3	83.7	84.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	55.3	73.3	79.3	83.7	86.0	86.7	87.7	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	55.3	74.0	80.0	84.7	87.0	87.7	88.7	90.3	90.7	91.3	91.3	91.3	91.7	91.7	91.7	91.7
≥ 900	55.3	75.0	81.0	85.7	88.3	89.0	90.3	91.7	92.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3
≥ 800	55.3	75.3	81.7	86.3	90.0	90.7	91.7	93.3	93.7	95.0	95.0	95.0	95.3	95.3	95.3	95.3
≥ 700	55.3	75.3	81.7	86.3	90.3	91.0	92.0	93.7	94.0	95.3	95.7	95.7	96.0	96.0	96.0	96.0
≥ 600	55.3	75.3	81.7	86.3	90.3	91.0	92.0	93.7	94.0	95.3	95.7	95.7	96.0	96.0	96.0	96.0
≥ 500	55.3	75.3	82.3	87.0	91.0	91.7	92.7	94.3	94.7	96.0	96.3	96.3	97.0	97.0	97.0	97.0
≥ 400	55.3	75.3	82.3	87.0	91.0	91.7	92.7	94.3	94.7	96.0	96.3	96.3	97.0	97.0	97.0	97.0
≥ 300	55.3	75.3	82.3	87.3	91.3	92.0	93.0	95.0	95.3	96.7	97.0	97.0	98.0	98.0	98.3	98.3
≥ 200	55.3	75.3	82.3	87.3	91.3	92.0	93.0	95.0	95.3	96.7	97.0	97.0	98.0	98.0	98.3	98.7
≥ 100	55.3	75.3	82.3	87.3	91.3	92.0	93.0	95.0	95.3	96.7	97.0	97.0	98.0	98.0	98.7	99.7
≥ 0	55.3	75.3	82.3	87.3	91.3	92.0	93.0	95.0	95.3	96.7	97.0	97.0	98.0	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	41.0	46.3	47.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	41.0	46.7	47.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	41.0	46.7	47.7	48.7	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	41.0	46.7	47.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	41.0	47.0	48.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	42.0	49.0	50.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	42.0	49.0	50.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000	48.0	54.3	56.0	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	48.0	54.7	56.3	58.3	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	49.3	55.3	57.0	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 5000	49.7	57.7	59.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 4500	51.0	59.7	62.0	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	51.0	61.0	63.3	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3500	52.0	64.7	67.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3000	55.0	67.7	70.0	72.0	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	66.3	72.0	74.3	76.3	77.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	68.3	74.7	77.7	80.7	81.7	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	69.3	75.3	78.0	82.0	83.0	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	70.3	79.0	82.3	85.7	86.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7	88.7	88.7
≥ 1200	72.7	81.3	83.7	87.3	88.7	90.3	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.7	91.3	91.3
≥ 1000	72.7	81.7	84.7	88.7	90.0	92.3	93.3	93.3	93.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	72.7	82.7	86.7	90.3	92.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	73.3	83.3	87.7	91.7	94.3	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	73.3	83.3	87.7	91.7	94.3	96.0	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	73.3	83.7	88.0	92.0	95.3	97.3	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	73.3	84.0	88.7	92.7	96.0	98.0	98.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	73.3	84.0	88.7	92.7	96.0	98.0	98.3	98.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3
≥ 300	73.3	84.0	88.7	92.7	96.0	98.0	98.3	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7
≥ 200	73.3	84.0	88.7	92.7	96.0	98.0	98.3	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	100.0
≥ 100	73.3	84.0	88.7	92.7	96.0	98.0	98.3	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	100.0
≥ 0	73.3	84.0	88.7	92.7	96.0	98.0	98.3	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 390

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		41.7	41.7	42.0		42.0	42.3	42.0		42.3	42.7	42.0	42.0	42.0	42.3	42.3
≥ 20000		48.3			49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
≥ 18000		48.7	48.7	49.0	49.3	49.3	49.3	49.3	49.7	49.3	49.3	49.3	49.3	49.3	49.3	
≥ 16000			49.0	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000		49.7	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
≥ 12000		50.0	50.0	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000		53.3	53.7	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000		53.7	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000		57.7	58.7	59.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
≥ 7000		58.7	59.7	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
≥ 6000		59.3	61.3	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
≥ 5000		61.7	62.7	63.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500		63.3	64.7	65.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000		65.7	66.3	67.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500		67.7	69.3	70.3	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000		71.7	74.0	75.3	76.7	77.3	77.3	77.3	77.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500		74.7	77.0	78.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000		78.3	80.7	82.0	83.7	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800		78.7	81.7	83.0	84.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500		80.3	83.7	85.3	86.3	87.3	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200		81.0	84.7	86.7	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000		82.3	86.3	88.3	91.0	92.3	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900		82.3	86.7	88.7	91.3	92.7	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800		82.3	86.7	89.3	92.3	94.3	95.0	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700		83.3	87.3	90.3	93.7	95.3	96.0	96.7	96.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600		83.3	87.7	90.7	94.0	95.7	96.3	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500		83.3	87.7	90.7	94.0	95.7	96.3	97.7	97.7	98.3	98.7	98.7	98.7	99.0	99.0	99.0
≥ 400		83.3	87.7	90.7	94.3	96.0	96.7	98.0	98.0	98.7	99.0	99.0	99.0	99.3	99.3	99.3
≥ 300		83.3	87.7	90.7	94.3	96.0	96.7	98.0	98.0	98.7	99.0	99.0	99.0	99.3	99.3	99.3
≥ 200		83.3	87.7	90.7	94.3	96.0	96.7	98.0	98.0	98.7	99.0	99.0	99.0	99.3	99.7	100.0
≥ 100		83.3	87.7	90.7	94.3	96.0	96.7	98.0	98.0	98.7	99.0	99.0	99.0	99.3	99.7	100.0
≥ 0		83.3	87.7	90.7	94.3	96.0	96.7	98.0	98.0	98.7	99.0	99.0	99.0	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST) 18

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.7	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	43.0	48.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000	43.0	48.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000	43.0	48.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	43.3	49.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	44.0	50.0	50.3	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	45.7	51.7	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 9000	46.0	52.7	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	49.0	58.7	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
≥ 7000	49.7	59.7	60.7	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
≥ 6000	55.0	60.3	61.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	62.7	63.3	65.3	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	64.0	65.0	66.7	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
≥ 4000	65.7	66.7	68.7	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
≥ 3500	68.0	69.3	71.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	71.7	74.0	76.7	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	74.0	76.0	80.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	74.7	79.0	82.0	84.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	74.7	79.0	82.0	84.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	75.3	80.3	83.3	85.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	75.7	81.7	85.3	87.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	75.7	83.0	86.7	89.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	75.7	83.0	86.7	89.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	75.7	83.3	87.0	90.0	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	75.7	84.7	88.3	91.3	95.0	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	75.7	84.7	88.3	91.7	95.7	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7
≥ 500	75.7	84.7	88.7	92.0	96.3	97.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7
≥ 400	75.7	84.7	88.7	92.0	96.3	97.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7
≥ 300	75.7	84.7	88.7	92.0	96.3	97.0	97.7	98.3	98.3	98.3	98.7	98.7	98.7	98.7	99.0	99.3
≥ 200	75.7	84.7	88.7	92.0	96.3	97.0	97.7	98.3	98.3	98.3	98.7	98.7	98.7	99.0	99.0	99.3
≥ 100	75.7	84.7	88.7	92.0	96.3	97.0	97.7	98.3	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.7
≥ 0	75.7	84.7	88.7	92.0	96.3	97.0	97.7	98.3	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14923 / STATION — GLENVIEW, IL / STATION NAME — 73-82 / YEARS — APR / MONTH — 21 / 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	44.7	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
≥ 20000	47.7	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	47.7	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	47.7	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	48.0	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	48.7	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
≥ 10000	50.3	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	50.3	59.0	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
≥ 8000	64.3	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	65.3	66.0	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	66.3	67.3	68.7	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
≥ 5000	67.3	69.3	70.7	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
≥ 4500	69.0	71.3	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	71.3	75.3	77.0	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
≥ 3500	73.7	78.7	79.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	74.3	79.0	81.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	75.3	81.7	84.0	85.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	76.0	83.0	85.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	76.0	83.0	86.0	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	76.3	84.7	87.7	88.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	76.7	85.3	88.7	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	76.7	86.0	89.7	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	76.7	86.0	89.7	91.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	76.7	86.7	90.3	92.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	76.7	87.7	91.3	93.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	76.7	87.7	92.0	93.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	76.7	88.0	92.3	94.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	76.7	88.3	93.0	95.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	76.7	88.3	93.0	95.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0
≥ 200	76.7	88.3	93.0	95.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.3	99.3
≥ 100	76.7	88.3	93.0	95.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.7	100.0
≥ 0	76.7	88.3	93.0	95.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14-35 (illegible), IL 73-77 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.3	47.3	44.2	44.5	44.6	44.7	44.7	44.8	44.9	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	48.7	48.7	49.7	50.2	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	48.8	48.8	49.8	50.3	50.9	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	48.9	48.9	49.9	50.3	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	49.1	49.1	50.1	50.6	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000	49.9	49.9	50.9	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 10000	53.4	53.4	54.6	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	53.3	53.3	55.0	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	58.6	58.9	60.8	61.1	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	59.4	60.3	61.9	62.7	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 6000	60.0	61.2	63.0	63.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	61.3	63.3	65.3	66.3	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	62.2	64.8	67.0	68.0	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4000	63.6	66.7	69.2	70.3	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3500	64.9	68.8	71.3	72.5	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	67.0	71.5	74.4	75.7	77.0	77.2	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	68.6	74.0	77.1	78.6	80.0	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	69.2	76.5	79.9	81.5	83.1	83.5	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	69.5	77.0	80.5	82.1	83.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	71.4	79.7	83.5	85.3	87.0	87.4	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	81.7	90.7	84.8	86.9	88.7	89.3	89.8	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	72.3	81.7	86.0	88.4	90.4	91.2	91.8	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	72.6	81.9	86.3	88.8	91.0	91.8	92.5	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	72.7	82.4	87.0	89.5	92.0	93.0	93.7	94.1	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	73.1	83.0	87.7	90.3	92.9	93.9	94.8	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	73.2	83.3	88.3	91.0	93.7	94.7	95.6	96.3	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0
≥ 500	73.2	83.3	88.5	91.3	94.2	95.1	96.3	97.0	97.1	97.6	97.8	97.8	98.0	98.0	98.0	98.0
≥ 400	73.2	83.4	88.7	91.5	94.5	95.5	96.8	97.5	97.5	98.0	98.3	98.3	98.5	98.5	98.5	98.5
≥ 300	73.2	83.4	88.7	91.6	94.6	95.6	96.9	97.7	97.8	98.3	98.6	98.6	98.8	98.9	99.1	99.1
≥ 200	73.2	83.4	88.7	91.6	94.6	95.7	96.9	97.7	97.8	98.4	98.7	98.8	99.0	99.1	99.4	99.5
≥ 100	73.2	83.4	88.7	91.6	94.6	95.7	96.9	97.7	97.8	98.4	98.7	98.8	99.2	99.3	99.5	99.8
0	73.2	83.4	88.7	91.6	94.6	95.7	96.9	97.7	97.8	98.4	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2400

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14955 | BLEVIEW, IL (STATION NAME) | 73-82 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 (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	42.9	54.6	56.1	56.1	56.8	56.8	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	43.2	57.1	58.7	58.7	59.4	59.4	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	44.2	57.4	59.0	59.0	59.7	59.7	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	44.2	57.4	59.1	59.0	59.7	59.7	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	44.2	57.7	59.4	59.4	60.0	60.0	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	44.2	58.4	60.0	60.3	61.0	61.0	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	44.4	63.2	65.5	66.5	67.1	67.1	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	44.7	64.5	66.8	67.7	68.4	68.4	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	54.5	69.7	72.6	73.6	74.2	74.2	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	56.1	72.6	75.5	76.5	77.1	77.1	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	57.1	73.6	76.5	77.4	78.1	78.1	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	57.4	74.5	77.4	78.4	79.0	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	57.4	74.5	77.4	78.4	79.0	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	59.0	76.8	79.7	80.7	81.6	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	59.7	78.7	81.6	82.6	83.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	59.7	79.0	82.3	83.2	84.2	84.2	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	60.3	79.7	82.9	83.9	84.8	84.8	85.8	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	60.3	80.7	84.2	85.2	86.5	86.5	87.4	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	60.3	81.1	84.5	85.5	86.8	86.8	87.7	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	60.7	81.6	85.2	86.5	87.7	87.7	88.7	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	60.7	81.9	85.5	87.1	88.4	88.4	89.4	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	61.1	82.6	86.1	87.7	89.0	89.0	90.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	61.0	82.6	86.1	87.7	89.0	89.0	90.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	61.0	82.6	86.1	87.7	89.0	89.0	90.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	61.0	83.2	87.1	88.7	90.0	90.0	91.0	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	61.0	83.6	87.4	89.4	90.7	91.0	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	61.1	83.9	88.4	90.7	91.9	92.3	93.6	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	61.1	83.9	88.4	90.7	92.3	92.6	93.9	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	61.1	84.2	88.7	91.0	92.6	92.9	94.5	95.2	95.2	95.8	95.8	95.8	95.8	95.8	96.1	96.1
≥ 200	61.1	84.2	88.7	91.0	92.6	93.2	94.8	95.8	95.8	96.5	96.5	96.5	96.8	96.8	97.1	97.1
≥ 100	61.1	84.2	88.7	91.0	92.6	93.2	94.8	95.8	95.8	96.5	96.5	96.5	96.8	96.8	97.4	98.1
≥ 0	61.1	84.2	88.7	91.0	92.6	93.2	94.8	95.8	95.8	96.5	96.5	96.5	96.8	96.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 312

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14955 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (MONTH)

03 (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	48.4	50.7	52.6	52.9	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	39.4	52.6	54.8	56.8	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	39.4	52.6	54.9	56.8	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	39.4	52.6	54.8	56.8	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	39.7	52.9	55.2	57.1	57.4	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	40.3	53.6	55.8	57.7	58.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	43.2	57.4	60.0	61.9	62.3	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	43.2	57.4	61.0	62.9	63.2	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	48.4	64.2	67.1	69.0	69.4	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	50.3	66.5	69.4	71.3	71.9	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	61.0	68.1	71.0	73.2	73.9	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	62.6	71.0	74.2	76.5	77.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	62.9	71.9	75.5	77.7	78.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	62.9	72.6	76.1	78.7	79.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	63.6	74.5	78.4	81.0	81.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	64.2	76.1	80.3	82.9	84.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	64.5	76.8	81.0	83.6	85.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	64.5	76.8	81.6	84.5	86.8	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	64.8	77.1	81.9	84.8	87.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	64.8	77.4	82.3	85.2	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	65.2	78.4	83.2	86.1	89.0	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	65.5	78.7	84.2	87.4	90.3	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	65.5	78.7	84.2	87.4	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	65.5	79.4	85.2	88.4	91.3	92.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	65.5	79.4	85.2	88.4	91.3	92.6	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	65.5	79.4	85.2	88.4	91.6	92.9	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	65.5	79.4	85.2	88.7	91.9	93.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	65.5	79.4	85.2	88.7	92.6	93.9	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	65.5	79.4	85.2	88.7	92.6	93.9	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.5	96.5
≥ 200	65.5	79.4	85.2	88.7	92.6	93.9	95.5	95.5	95.5	96.1	97.1	97.1	97.4	97.4	97.7	97.7
≥ 100	65.5	79.4	85.2	88.7	92.6	93.9	95.5	95.5	95.5	96.5	97.4	97.4	98.1	98.1	98.4	99.0
≥ 0	65.5	79.4	85.2	88.7	92.6	93.9	95.5	95.5	95.5	96.5	97.4	97.4	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14935 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (MONTH)

06 (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	35.5	45.8	49.4	52.3	52.3	2.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	36.8	48.4	52.6	55.8	55.8	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4
≥ 18000	36.8	48.4	52.6	55.8	55.8	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4
≥ 16000	36.8	48.4	52.6	55.8	55.8	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4
≥ 14000	36.8	48.4	52.6	55.8	55.8	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4
≥ 12000	37.4	50.3	54.2	57.4	57.4	58.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.3	60.3
≥ 10000	38.7	52.6	57.1	60.3	60.3	61.3	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.6	63.6
≥ 9000	39.4	53.6	58.1	61.3	61.3	62.3	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5	64.5
≥ 8000	40.7	58.7	63.6	66.8	67.1	68.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.7	70.7
≥ 7000	44.9	60.3	64.8	68.1	69.0	70.0	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6
≥ 6000	45.0	61.3	66.5	70.0	71.0	71.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.8	74.8
≥ 5000	46.1	61.9	67.4	71.3	72.6	73.6	75.5	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.8	76.8
≥ 4500	46.5	62.3	67.7	71.6	72.9	73.9	75.8	76.1	76.1	76.1	76.1	76.1	76.5	76.5	77.1	77.1
≥ 4000	46.8	63.2	68.7	72.6	73.9	74.8	77.1	77.4	77.4	77.4	77.4	77.4	77.7	77.7	78.4	78.4
≥ 3500	47.1	64.5	70.0	73.9	75.2	76.1	78.4	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.7	79.7
≥ 3000	47.4	66.5	72.3	76.5	77.7	78.7	81.0	81.3	81.3	81.3	81.3	81.3	81.6	81.6	82.3	82.3
≥ 2500	47.7	68.1	73.9	78.7	80.0	81.0	83.2	83.6	83.6	83.6	83.6	83.6	83.9	83.9	84.5	84.5
≥ 2000	48.7	69.4	75.2	80.0	81.3	82.3	84.5	84.8	84.9	85.5	85.5	85.5	85.8	85.8	86.5	86.5
≥ 1800	49.0	69.7	75.5	80.3	81.6	82.6	84.8	85.2	85.2	85.8	85.8	85.8	86.1	86.1	86.8	86.8
≥ 1500	49.4	70.3	76.1	81.0	82.6	83.9	86.1	86.5	86.5	87.4	87.4	87.4	87.7	87.7	88.4	88.4
≥ 1200	49.7	70.7	76.8	81.6	83.6	84.8	87.1	87.4	87.4	88.4	88.4	88.4	88.7	88.7	89.4	89.4
≥ 1000	49.7	71.3	77.4	82.3	84.2	85.5	87.7	88.4	88.4	89.4	89.4	89.4	90.0	90.0	90.7	90.7
≥ 900	49.7	71.6	77.7	82.6	84.5	85.8	88.1	88.7	88.7	89.7	89.7	89.7	90.3	90.3	91.0	91.0
≥ 800	49.7	71.9	78.7	83.9	85.8	87.1	89.4	90.0	90.0	91.0	91.0	91.0	91.6	91.6	92.3	92.3
≥ 700	49.7	71.9	79.0	84.2	86.5	87.7	90.0	90.7	90.7	91.6	91.6	91.6	92.3	92.3	92.9	92.9
≥ 600	49.7	72.3	79.4	84.5	86.8	88.4	90.7	91.3	91.3	92.3	92.3	92.3	92.9	92.9	93.6	93.6
≥ 500	50.0	72.9	80.0	85.2	87.7	89.4	91.6	92.6	92.6	94.2	94.2	94.2	94.8	94.8	95.5	95.5
≥ 400	50.0	72.9	80.0	85.2	88.1	90.0	92.3	93.2	93.2	94.8	94.8	94.8	95.8	95.8	96.5	96.5
≥ 300	50.0	72.9	80.0	85.2	88.1	90.0	92.3	93.2	93.2	95.2	95.2	95.2	96.1	96.1	97.4	97.4
≥ 200	50.0	72.9	80.0	85.2	88.1	90.0	92.3	93.2	93.2	95.2	95.8	95.8	97.1	97.4	98.7	98.7
≥ 100	50.0	72.9	80.0	85.2	88.1	90.0	92.3	93.2	93.2	95.2	95.8	95.8	97.1	97.4	98.7	99.4
≥ 0	50.0	72.9	80.0	85.2	88.1	90.0	92.3	93.2	93.2	95.2	95.8	95.8	97.1	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14 [illegible] | GLENVIEW, IL | 73-82 | MAY

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	35.8	46.5	49.7	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	40.1	51.6	54.8	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
≥ 18000	40.1	51.6	54.8	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
≥ 16000	40.1	51.6	54.8	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
≥ 14000	40.1	51.6	54.8	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
≥ 12000	40.7	52.9	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
≥ 10000	42.9	56.1	60.0	60.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	43.2	56.5	60.3	61.0	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	46.1	59.4	63.9	64.8	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	47.1	60.7	65.2	66.5	67.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	47.1	61.3	65.8	67.1	68.4	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	47.1	62.3	67.1	68.4	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	47.4	62.6	67.4	68.7	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	49.4	65.2	70.0	71.3	72.6	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	0.3	67.1	71.9	73.9	75.2	75.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	1.6	69.4	74.5	76.5	78.1	78.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	4.2	72.9	78.1	80.0	81.9	82.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	5.2	73.9	79.0	81.0	83.2	83.9	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	5.2	74.2	79.4	81.3	83.6	84.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	5.5	75.5	81.7	82.6	84.8	85.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	55.1	76.9	81.9	84.2	86.8	87.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	55.4	77.7	83.2	85.5	88.4	89.4	90.3	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	56.1	78.1	83.6	85.8	89.0	90.3	91.3	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	56.1	78.1	83.9	86.1	90.3	91.6	92.6	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	56.1	78.4	84.2	86.5	91.0	92.9	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	56.1	78.4	84.2	86.5	91.0	93.2	94.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	56.1	78.4	84.5	86.8	91.3	93.9	94.8	96.1	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	56.1	78.4	84.5	86.8	91.6	94.2	95.2	96.5	96.5	96.8	97.1	97.1	97.1	97.7	97.7	97.7
≥ 300	56.1	78.4	84.5	86.8	91.6	94.2	95.2	96.5	96.5	97.1	97.7	97.7	98.1	98.7	98.7	98.7
≥ 200	56.1	78.4	84.5	86.8	91.6	94.2	95.2	96.8	96.8	97.4	98.1	98.1	99.4	100.0	100.0	100.0
≥ 100	56.1	78.4	84.5	86.8	91.6	94.2	95.2	96.8	96.8	97.4	98.1	98.1	99.4	100.0	100.0	100.0
≥ 0	56.1	78.4	84.5	86.8	91.6	94.2	95.2	96.8	96.8	97.4	98.1	98.1	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14[illegible] (STATION) | GLENVIEW, IL (STATION NAME) | 73-92 (YEARS) | MAY (MONTH)

12 (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	34.7	43.6	44.8	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	38.7	50.7	51.9	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	38.7	50.7	51.9	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	38.7	50.7	51.9	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	38.7	50.7	51.9	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	39.4	51.6	53.2	53.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	44.3	58.7	61.0	61.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	44.3	58.7	61.0	61.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	46.1	62.3	64.8	65.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	46.4	62.6	65.5	66.5	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	48.4	62.9	65.8	66.8	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	49.0	64.5	67.4	68.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	50.0	66.5	69.4	70.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	52.3	69.0	72.3	73.6	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	56.2	73.9	77.1	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
≥ 3000	57.1	77.7	81.3	82.9	83.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	58.4	79.4	82.9	84.5	86.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	58.7	80.3	83.9	85.8	87.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	59.0	81.3	84.8	86.8	88.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	59.0	81.6	85.8	88.1	90.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	59.7	82.6	86.8	89.0	91.3	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	60.0	82.9	87.4	90.0	92.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	60.0	83.2	87.7	90.3	92.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	60.0	83.6	88.1	90.7	93.6	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	60.0	83.9	88.4	91.0	93.9	95.5	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	60.0	83.9	88.4	91.0	94.2	95.8	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	60.3	83.9	88.7	91.3	94.5	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	60.0	83.9	88.7	91.3	94.5	97.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	60.3	83.9	88.7	91.6	94.8	97.4	98.1	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	60.3	83.9	88.7	91.6	94.8	97.4	98.1	98.4	98.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100	60.3	83.9	88.7	91.6	94.8	97.4	98.1	98.4	98.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	60.3	83.9	88.7	91.6	94.8	97.4	98.1	98.4	98.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 316

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | OLNEY, IL STATION NAME | 73-92 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	39.9	42.5	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	41.4	50.3	51.6	51.6	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	41.4	50.3	51.9	51.9	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	41.4	50.3	51.9	51.9	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	41.4	50.7	52.3	52.3	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	43.3	52.0	54.8	54.8	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	47.1	57.7	60.0	60.0	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	47.1	58.1	60.3	60.3	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	48.3	65.2	68.1	68.1	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	48.3	65.2	68.1	68.1	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	52.6	65.8	69.7	69.7	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	53.2	66.8	70.0	70.0	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	53.2	67.7	71.0	71.0	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	58.5	70.3	73.9	73.9	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	59.4	74.5	78.7	78.7	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	62.9	81.0	85.3	85.8	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	63.6	81.6	87.1	87.1	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	63.6	81.9	87.4	87.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	63.6	82.3	87.7	87.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	63.6	83.6	89.1	89.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	63.9	84.5	90.3	90.3	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	64.2	85.2	91.1	91.0	93.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	64.2	85.5	91.6	92.3	94.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	64.2	85.8	91.9	92.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	64.5	86.1	92.3	92.9	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	64.5	86.1	92.6	93.2	95.5	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	64.2	86.1	92.6	93.2	96.1	96.1	97.1	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 400	64.2	86.1	92.6	93.2	96.1	96.5	97.4	97.4	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 300	64.2	86.1	92.6	93.2	96.1	96.5	97.4	98.1	98.4	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 200	64.2	86.1	92.6	93.2	96.1	96.5	97.4	98.4	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	64.2	86.1	92.6	93.2	96.1	96.5	97.4	98.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0	64.2	86.1	92.6	93.2	96.1	96.5	97.4	98.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1[illegible]5[illegible]	GLENVIEW, IL	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)	19

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.4	44.5	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	43.9	51.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	44.2	51.6	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	44.3	51.6	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	44.5	51.9	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	45.3	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	48.1	56.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	49.4	58.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	60.3	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	54.5	65.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	55.3	66.8	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	56.1	69.7	7[illegible].7	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	71.7	73.2	74.2	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500	73.8	76.5	77.7	78.1	78.1	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	74.8	79.0	80.3	80.7	80.7	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	65.8	81.0	82.3	82.6	82.6	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	82.1	83.9	85.2	85.8	86.5	87.4	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	82.1	83.9	85.2	85.8	86.5	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	86.4	88.2	86.5	87.4	88.1	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	86.4	88.2	86.5	87.4	88.1	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	86.4	88.5	86.8	87.7	88.4	89.7	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	89.4	85.2	87.4	88.4	89.0	90.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	83.7	85.5	87.7	88.7	89.4	90.7	91.6	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	86.7	85.3	88.1	89.0	90.0	91.3	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	83.7	86.1	88.4	89.4	90.3	91.9	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	68.7	86.1	88.4	89.4	90.3	91.9	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	68.7	86.5	89.0	90.0	91.0	93.2	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	63.7	86.5	89.0	90.0	91.3	93.6	94.5	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	56.7	86.5	89.0	90.0	91.6	93.9	94.8	95.2	95.5	96.1	96.8	96.8	96.8	97.1	97.1	97.1
≥ 300	56.7	86.5	89.0	90.0	91.9	94.2	95.2	95.5	95.8	96.8	97.7	97.7	98.1	98.4	98.4	98.4
≥ 200	56.7	86.5	89.0	90.0	91.9	94.2	95.2	95.5	95.8	96.8	98.1	98.1	98.7	99.4	99.7	99.7
≥ 100	68.7	86.5	89.0	90.0	91.9	94.2	95.2	95.5	95.8	96.8	98.1	98.1	98.7	99.4	100.0	100.0
≥ 0	68.7	86.5	89.0	90.0	91.9	94.2	95.2	95.5	95.8	96.8	98.1	98.1	98.7	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 73-92 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	51.4	52.9	52.9	53.6	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	47.4	55.5	56.8	57.1	57.7	57.7	57.7	57.7	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	47.4	55.5	56.8	57.1	57.7	57.7	57.7	57.7	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	47.4	55.5	56.8	57.1	57.7	57.7	57.7	57.7	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	[illegible].1	56.1	57.4	57.7	58.4	58.4	59.4	59.4	58.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	[illegible].3	57.7	59.0	59.4	60.1	60.1	60.8	60.8	60.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	63.7	62.4	64.2	64.8	65.5	65.5	65.5	65.5	65.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	63.8	62.9	64.7	65.2	65.8	65.8	65.8	65.8	65.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	[illegible].1	67.1	68.7	69.4	70.0	70.0	70.0	70.0	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	67.4	68.4	7 .3	71.0	71.6	71.6	71.6	71.6	71.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	68.1	69.7	71.3	71.9	72.6	72.6	72.6	72.6	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	68.7	71.3	73.2	73.9	74.5	74.5	74.5	74.5	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	69.2	72.9	74.8	75.5	76.1	76.1	76.1	76.1	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	71.6	75.3	78.1	78.7	79.4	79.4	79.4	79.4	79.4	80.3	80.3	80.3	80.7	80.7	80.7	80.7
≥ 3500	72.3	77.1	79.4	80.3	81.0	81.0	81.0	81.0	81.0	81.9	81.9	81.9	82.3	82.3	82.3	82.3
≥ 3000	73.2	79.7	81.7	82.6	83.2	83.2	83.6	83.6	83.6	84.5	84.5	84.5	84.8	84.8	84.8	84.8
≥ 2500	77.6	79.0	81.9	83.2	83.9	83.9	84.2	84.2	84.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5
≥ 2000	83.5	80.0	83.9	85.2	86.1	86.1	86.5	86.5	86.5	87.4	87.4	87.4	87.7	87.7	87.7	87.7
≥ 1800	83.9	80.7	83.9	85.2	86.5	86.5	86.8	86.8	86.8	87.7	87.7	87.7	88.1	88.1	88.1	88.1
≥ 1500	83.9	81.7	84.5	86.5	87.7	87.7	88.1	88.1	88.1	89.0	89.0	89.0	89.4	89.4	89.4	89.4
≥ 1200	84.7	81.7	84.9	87.1	88.4	88.4	88.7	88.7	88.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0
≥ 1000	84.7	81.3	85.5	87.7	89.0	89.0	90.0	90.0	90.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 900	84.7	81.3	85.5	87.7	89.0	89.0	90.0	90.0	90.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 800	84.7	81.3	85.8	88.1	89.4	89.4	90.3	90.3	90.3	91.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 700	84.2	81.3	85.8	88.4	89.7	89.7	90.7	90.7	90.7	91.9	91.9	91.9	92.3	92.3	92.3	92.3
≥ 600	84.7	81.7	86.5	89.4	90.7	91.3	92.3	92.3	92.3	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 500	84.7	81.9	86.8	89.7	91.0	91.9	92.9	92.9	92.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5
≥ 400	84.2	82.3	87.1	90.0	91.3	92.3	93.2	93.2	93.6	94.8	94.8	94.8	95.2	95.2	95.2	95.2
≥ 300	84.2	82.3	87.4	90.7	91.9	92.9	93.9	93.9	94.2	95.8	95.8	95.8	96.1	96.1	96.5	96.5
≥ 200	84.2	82.3	87.4	90.7	91.9	92.9	93.9	93.9	94.2	95.8	95.8	95.8	96.5	96.5	96.8	97.4
≥ 100	84.2	82.3	87.4	90.7	91.9	93.2	94.2	94.2	94.5	96.5	96.5	96.5	97.1	97.1	97.4	99.4
≥ 0	84.2	82.3	87.4	90.7	91.9	93.2	94.2	94.2	94.5	96.5	96.5	96.5	97.1	97.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

HOURS (LST) ALL

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]	47.3	47.1	[illegible]	50.7	50.4	50.7	50.7	50.7	50.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	52.1	54.2	54.0	55.4	55.6	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 18000	[illegible]	[illegible]	54.2	55.1	55.5	55.7	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	[illegible]
≥ 16000	[illegible]	52.3	54.2	55.1	55.5	55.7	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	[illegible]
≥ 14000	[illegible]	52.5	54.5	55.4	55.8	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	[illegible]
≥ 12000	[illegible]	53.0	54.9	56.0	56.9	57.3	57.5	57.6	57.6	57.8	58.1	58.1	58.1	58.1	58.1	[illegible]
≥ 10000	[illegible]	58.3	60.2	61.2	62.4	62.7	63.2	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	[illegible]
≥ 9000	[illegible]	58.9	61.4	62.5	63.8	63.3	63.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	[illegible]
≥ 8000	[illegible]	[illegible]	66.2	67.3	68.6	68.9	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	[illegible]
≥ 7000	[illegible]	65.4	68.2	69.5	70.2	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	[illegible]
≥ 6000	[illegible]	66.5	69.5	70.8	71.5	71.8	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.6	[illegible]
≥ 5000	[illegible]	68.2	71.4	72.7	73.4	73.9	74.3	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.7	[illegible]
≥ 4500	[illegible]	69.4	72.6	73.9	74.7	75.1	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	[illegible]
≥ 4000	[illegible]	71.2	74.9	76.3	77.1	77.6	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.6	[illegible]
≥ 3500	[illegible]	73.9	77.4	78.9	79.7	80.2	80.9	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.3	[illegible]
≥ 3000	[illegible]	76.5	80.4	82.0	83.0	83.6	84.3	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.8	[illegible]
≥ 2500	[illegible]	77.7	81.6	83.4	84.6	85.2	85.9	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.4	[illegible]
≥ 2000	[illegible]	78.4	82.7	84.6	86.0	86.6	87.3	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.9	[illegible]
≥ 1800	[illegible]	78.7	83.0	84.9	86.3	87.0	87.7	87.8	87.9	88.1	88.1	88.1	88.2	88.2	88.3	[illegible]
≥ 1500	[illegible]	79.4	83.8	85.8	87.5	88.2	89.0	89.1	89.1	89.5	89.5	89.5	89.6	89.6	89.6	[illegible]
≥ 1200	[illegible]	80.1	84.6	86.7	88.6	89.4	90.2	90.4	90.4	90.7	90.7	90.7	90.8	90.8	90.9	[illegible]
≥ 1000	[illegible]	80.7	85.3	87.5	89.5	90.2	91.2	91.4	91.4	91.9	91.9	91.9	92.0	92.0	92.1	[illegible]
≥ 900	[illegible]	80.9	85.6	87.9	89.9	90.7	91.7	91.9	91.9	92.3	92.3	92.3	92.5	92.5	92.5	[illegible]
≥ 800	[illegible]	81.1	86.0	88.4	90.6	91.5	92.5	92.7	92.7	93.2	93.2	93.2	93.3	93.3	93.4	[illegible]
≥ 700	[illegible]	81.3	86.3	88.7	91.0	91.9	93.0	93.2	93.2	93.7	93.7	93.7	93.8	93.9	93.9	[illegible]
≥ 600	[illegible]	81.5	86.6	89.0	91.4	92.2	93.3	93.4	94.1	94.6	94.6	94.6	94.7	94.7	94.8	[illegible]
≥ 500	[illegible]	81.6	86.9	89.4	92.0	93.4	94.6	95.0	95.0	95.7	95.7	95.7	95.9	95.9	96.	[illegible]
≥ 400	[illegible]	81.7	86.9	89.5	92.3	93.8	95.0	95.3	95.4	96.3	96.4	96.4	96.6	96.7	96.8	[illegible]
≥ 300	[illegible]	81.7	87.0	89.6	92.5	94.0	95.2	95.7	95.9	96.9	97.1	97.1	97.3	97.5	97.7	[illegible]
≥ 200	[illegible]	81.7	87.0	89.6	92.5	94.0	95.3	95.9	96.1	97.1	97.5	97.5	98.2	98.4	98.7	[illegible]
≥ 100	[illegible]	81.7	87.0	89.6	92.5	94.1	95.3	96.0	96.1	97.2	97.7	97.7	98.4	98.6	99.0	99.5
≥ 0	[illegible]	81.7	87.0	89.6	92.5	94.1	95.3	96.0	96.1	97.2	97.7	97.7	98.4	98.6	99.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 24[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	57.7	[illegible]	59.3	59.3	59.3	59.7	59.7	60.7	60.3	60.3	60.3	[illegible]	60.3	[illegible]
≥ 20000	1.7	60.3	62.7	64.3	65.0	65.3	65.7	66.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	1.7	60.7	63.0	64.7	65.3	65.7	65.7	65.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	1.7	61.7	63.0	64.7	65.3	65.7	65.7	65.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	1.7	60.7	63.0	64.7	65.3	65.7	65.7	65.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	2.7	62.3	64.7	66.3	67.0	67.3	67.3	67.3	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	7.3	68.7	71.3	73.0	73.7	74.0	74.3	74.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	7.7	69.3	71.7	73.7	74.3	74.3	74.3	74.7	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	[illegible]	73.0	75.7	77.3	77.7	78.0	78.0	78.3	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	2.0	75.7	78.3	80.0	81.3	81.7	81.7	82.0	82.3	83.3	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	2.7	76.0	78.7	81.3	81.7	82.0	82.0	82.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	8.7	79.3	82.3	84.0	85.3	85.7	85.7	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	[illegible]	80.7	83.7	85.3	86.7	87.0	87.0	87.3	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	6.7	82.3	85.7	87.7	89.0	89.7	89.7	90.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	[illegible]	93.0	86.3	26.3	89.7	90.3	90.3	90.7	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	8.7	84.3	88.0	90.0	91.7	92.3	92.3	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	8.7	84.3	88.0	90.0	91.7	92.3	92.3	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	[illegible]	[illegible]	87.3	91.3	93.0	93.7	93.7	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	[illegible]	85.7	89.3	91.3	93.0	93.7	93.7	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	[illegible]	86.7	90.7	92.7	94.3	95.0	95.0	95.3	95.7	96.3	96.7	96.3	96.3	96.3	96.3	96.3
≥ 1200	[illegible]	87.0	91.0	93.0	94.7	95.3	95.7	96.0	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	[illegible]	87.0	91.0	93.0	95.0	95.7	96.0	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	[illegible]	87.0	91.0	93.0	95.0	95.7	96.0	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	[illegible]	87.0	91.0	93.0	95.0	95.7	96.0	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	[illegible]	87.0	91.3	93.3	95.7	96.3	96.7	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	[illegible]	87.0	91.3	93.3	95.7	96.3	96.7	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	8.7	87.0	91.3	93.3	96.0	96.7	97.0	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	8.7	87.0	91.7	93.7	96.3	97.0	97.3	97.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	[illegible]	87.0	91.7	93.7	96.3	[illegible]	97.3	97.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	[illegible]	87.0	91.7	93.7	96.3	97.0	97.3	97.7	98.0	98.7	98.7	98.7	99.0	99.0	99.3	99.3
≥ 100	[illegible]	87.0	91.7	93.7	96.3	97.0	97.3	97.7	98.0	98.7	99.0	99.0	99.3	99.3	100.0	100.0
≥ 0	[illegible]	87.0	91.7	93.7	96.3	97.0	97.3	97.7	98.0	98.7	99.0	99.0	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14-55 STATION | GLENVIEW, IL STATION NAME | 77-92 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	49.7	53.0	54.7	55.7	56.3	57.3	57.7	57.7	57.7	58.3	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	55.7	56.0	57.3	59.0	59.7	60.7	61.3	61.3	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	55.7	56.0	57.3	59.0	59.7	60.7	61.3	61.3	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	55.7	56.0	57.3	59.0	59.7	60.7	61.3	61.3	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	55.7	56.3	57.7	59.3	60.0	61.0	61.7	61.7	61.7	62.3	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	56.0	57.7	59.3	61.0	61.7	62.7	63.3	63.3	63.3	64.0	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	62.7	63.3	65.0	66.7	67.3	68.3	69.0	69.0	69.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	63.3	64.0	65.7	67.3	68.0	69.0	69.7	69.7	69.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	67.7	69.3	72.0	73.7	74.7	75.7	76.3	76.3	76.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	67.7	69.7	72.3	74.3	75.7	76.3	77.0	77.0	77.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	69.7	71.3	74.3	76.3	77.3	78.3	79.0	79.0	79.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	70.0	74.0	77.3	79.3	80.3	81.3	82.0	82.0	82.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	71.0	74.7	78.0	80.0	81.0	82.0	82.7	82.7	82.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	71.0	75.7	79.0	81.3	82.3	83.3	84.0	84.0	84.0	85.3	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	72.0	78.0	81.7	84.0	85.0	86.0	86.7	86.7	86.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	77.3	80.0	84.0	86.3	87.7	89.0	90.0	90.0	90.0	91.3	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	78.3	80.7	85.0	87.3	88.7	90.0	91.0	91.0	91.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	78.7	81.0	85.7	88.3	89.7	91.0	92.0	92.0	92.0	93.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	79.7	81.3	86.7	88.3	89.7	91.0	92.0	92.0	92.0	93.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	80.7	82.0	86.7	89.7	91.0	92.3	93.3	93.3	93.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	84.3	87.3	91.0	92.3	93.3	94.3	94.7	94.7	94.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	84.3	87.3	91.0	92.3	93.3	94.7	94.7	94.7	94.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	84.3	87.3	91.0	92.3	94.0	95.0	95.0	95.0	95.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	84.3	87.3	91.0	92.3	94.0	95.0	95.0	95.0	95.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	84.3	87.3	91.0	92.3	94.0	95.0	95.0	95.0	95.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	84.3	87.7	91.3	92.7	94.3	95.3	95.3	95.3	95.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	84.7	88.0	91.7	93.0	94.7	95.7	95.7	95.7	95.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	84.7	88.0	91.7	93.3	95.0	96.3	96.3	96.3	96.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	84.7	88.3	91.7	93.3	95.0	96.3	96.7	96.7	96.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	84.7	88.3	91.7	93.3	95.0	96.3	96.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.7
≥ 100	84.7	88.3	91.7	93.3	95.0	96.3	96.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.7
≥ 0	84.7	88.3	91.7	93.3	95.0	96.3	96.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 738

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible], IL STATION NAME | [illegible] YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06 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	[illegible]	47.3	[illegible]	52.7	53.7	[illegible]	55.0	[illegible]	55.3	56.0	56.3	56.3	56.3	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	51.7	[illegible]	57.3	58.7	[illegible]	60.0	[illegible]	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	[illegible]	51.7	55.3	57.7	[illegible]	59.7	[illegible]	60.7	61.7	61.3	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	[illegible]	51.7	55.3	57.7	59.7	59.7	60.3	60.7	[illegible]	61.3	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	[illegible]	[illegible]	55.7	58.0	59.3	[illegible]	60.7	61.0	[illegible]	61.7	62.0	62.0	[illegible]	62.0	62.0	62.0
≥ 12000	[illegible]	[illegible]	57.0	59.3	60.7	61.3	62.0	62.3	62.3	63.0	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	42.7	55.7	60.0	62.3	63.7	65.3	66.0	66.3	66.3	67.0	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	[illegible]	56.0	60.3	62.7	64.0	65.7	66.3	66.7	66.7	67.3	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	47.7	62.7	67.0	69.7	72.0	73.7	74.7	75.0	75.0	75.7	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	[illegible]	[illegible]	69.0	72.0	74.7	76.0	77.0	77.3	77.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	[illegible]	65.3	71.3	74.0	76.3	78.0	79.0	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	[illegible]	65.3	71.3	74.3	76.7	78.3	79.3	79.7	79.7	80.3	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	1.7	67.7	73.0	76.0	78.7	80.3	81.3	81.7	81.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	3.0	69.0	75.0	78.0	80.7	82.3	83.7	84.0	84.0	85.0	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	3.3	69.7	75.7	78.7	81.7	83.0	84.3	84.7	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	[illegible]	70.3	76.7	80.3	83.0	84.7	86.0	86.3	86.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	[illegible]	71.3	77.7	81.3	84.3	86.0	87.3	87.7	87.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	[illegible]	72.7	78.7	83.0	86.0	87.7	89.0	89.3	89.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	[illegible]	72.7	79.3	83.7	86.0	87.7	89.0	89.3	89.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	[illegible]	73.0	81.0	83.7	86.7	88.3	89.7	90.0	90.0	91.7	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	[illegible]	73.7	81.7	84.3	87.7	89.3	90.7	91.0	91.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	[illegible]	74.0	81.7	84.7	88.0	91.0	92.3	92.7	92.7	94.3	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	[illegible]	74.0	81.7	84.7	88.7	91.0	92.3	92.7	92.7	94.3	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	[illegible]	74.3	81.7	85.7	89.7	92.3	93.3	93.7	93.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	[illegible]	74.3	82.0	86.0	90.0	92.3	93.7	94.0	94.0	95.7	96.3	96.3	96.7	96.7	96.7	96.7
≥ 600	[illegible]	74.3	82.0	86.0	90.3	92.7	94.0	94.3	94.3	96.0	96.7	96.7	97.0	97.0	97.0	97.0
≥ 500	[illegible]	74.3	[illegible]	86.0	90.3	92.7	94.3	95.0	95.0	97.0	97.7	98.3	98.3	98.3	98.3	98.3
≥ 400	[illegible]	74.3	[illegible]	86.0	90.3	92.7	94.3	95.0	95.0	97.0	97.7	98.0	98.3	98.3	98.3	98.3
≥ 300	[illegible]	74.3	[illegible]	[illegible]	90.3	92.7	94.7	95.3	95.3	97.3	98.0	98.3	98.7	98.7	98.7	98.7
≥ 200	[illegible]	74.3	[illegible]	[illegible]	90.3	92.7	94.7	95.3	95.3	97.7	98.3	98.7	99.0	99.0	99.0	99.7
≥ 100	[illegible]	74.3	[illegible]	[illegible]	90.3	92.7	94.7	95.3	95.3	97.7	98.3	99.0	99.3	99.3	99.3	100.0
≥ 0	[illegible]	74.3	[illegible]	[illegible]	91.7	92.7	94.7	95.3	95.3	97.7	98.3	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET [illegible]/15

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 72-92 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST) 12

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	46.1	48.2	49.5	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	48.1	51.4	54.2	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000	47.2	52.2	54.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	47.2	52.2	54.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	47.3	52.8	55.2	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	48.3	53.9	56.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	58.2	57.5	60.2	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	60.1	59.2	61.2	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	64.7	63.7	66.9	68.6	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	64.9	64.7	69.2	69.9	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	65.7	66.7	69.6	71.2	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	67.2	68.6	71.9	73.6	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	67.6	69.2	72.6	74.3	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	68.5	73.2	78.3	79.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	71.1	76.9	82.3	84.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	73.8	79.9	85.6	87.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	74.6	80.9	87.3	89.0	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	76.2	83.6	90.3	92.3	93.7	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	76.2	84.3	90.6	92.6	94.0	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	76.6	85.3	92.0	94.0	95.3	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	76.6	85.3	92.0	94.0	95.3	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	87.3	86.0	92.6	95.0	96.3	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	87.3	86.3	93.0	95.0	96.3	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	87.3	86.3	93.0	95.7	97.0	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	87.3	86.3	93.3	96.0	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	87.3	86.6	93.7	96.3	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	87.3	86.6	93.7	96.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	87.3	86.6	93.7	96.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	87.3	86.6	93.7	96.3	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.3	86.6	93.7	96.3	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.3	86.6	93.7	96.3	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.3	86.6	93.7	96.3	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

HOURS (LST) 1[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	46.7	46.7	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	[illegible]	53.3	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	[illegible]	[illegible]	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	[illegible]	53.3	54.7	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	[illegible]	54.0	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	[illegible]	54.3	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	[illegible]	59.7	61.3	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
≥ 9000	[illegible]	60.7	62.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	[illegible]	61.7	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	[illegible]	64.0	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	[illegible]	64.7	66.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	[illegible]	67.0	69.3	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
≥ 4500	[illegible]	69.3	71.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	[illegible]	70.3	72.7	73.7	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	[illegible]	73.7	75.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	[illegible]	74.3	76.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2500	[illegible]	77.7	79.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	[illegible]	78.3	80.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	[illegible]	79.3	81.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	[illegible]	82.3	84.3	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
≥ 1200	[illegible]	83.3	85.3	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	[illegible]	84.3	86.3	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
≥ 900	[illegible]	87.0	89.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	[illegible]	87.0	89.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	[illegible]	87.3	89.3	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
≥ 600	[illegible]	87.3	89.3	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
≥ 500	[illegible]	87.7	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 400	[illegible]	87.7	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 300	[illegible]	87.7	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 200	[illegible]	87.7	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 100	[illegible]	87.7	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 0	[illegible]	87.7	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

HOURS (L S T) 10

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]	51.7	57.7	58.0	58.3	58.3	58.3	58.3	58.7	58.3	58.3	58.3	58.3	58.3	58.3	58.7
≥ 20000	61.3	61.7	62.7	63.0	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	61.3	61.7	62.7	63.0	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	61.3	61.7	62.7	63.0	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	61.7	62.0	62.7	63.3	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	62.0	62.7	63.7	64.0	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	65.3	67.7	69.0	69.3	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	65.3	67.7	69.0	69.3	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	67.7	71.7	73.0	73.7	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	68.0	73.3	75.0	75.7	77.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	68.3	74.7	76.3	77.0	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	68.7	77.3	79.0	79.7	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	72.7	78.7	79.7	80.7	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	73.7	81.3	82.7	83.7	86.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	76.0	82.7	84.3	86.0	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	77.3	86.3	88.0	89.7	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0
≥ 2500	82.3	87.3	89.0	90.7	93.0	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.0
≥ 2000	83.7	88.3	91.0	91.7	94.0	94.7	95.3	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0
≥ 1800	86.7	90.3	92.0	92.0	94.3	95.0	95.7	96.0	96.0	96.0	96.3	96.0	96.3	96.3	96.3	96.3
≥ 1500	87.7	91.7	93.3	93.3	94.7	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7
≥ 1200	88.7	89.7	90.7	92.7	95.3	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3
≥ 1000	88.7	89.7	90.7	92.7	95.3	95.7	97.0	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 900	89.0	89.7	90.7	92.7	95.3	95.7	97.0	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 800	89.0	89.7	90.7	92.7	95.3	95.7	97.0	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 700	89.0	89.7	91.3	93.3	95.7	96.3	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3
≥ 600	89.0	89.7	91.3	93.3	95.7	96.3	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3
≥ 500	89.0	89.7	91.3	93.3	95.7	96.3	98.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7
≥ 400	89.0	89.7	91.3	93.3	95.7	96.3	98.0	98.7	98.7	99.0	99.0	99.0	99.3	99.3	99.3	99.3
≥ 300	89.0	89.7	91.3	93.3	95.7	96.3	98.0	99.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	89.0	89.7	91.3	93.3	95.7	96.3	98.0	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	89.0	89.7	91.3	93.3	95.7	96.3	98.0	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	89.0	89.7	91.3	93.3	95.7	96.3	98.0	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14 [illegible] [illegible], IL 73-77 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.3	55.7	56.7	57.0	58.0	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	52.7	61.3	62.7	63.7	64.7	65.0	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	52.7	61.3	62.7	63.7	64.7	65.0	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	52.7	61.3	62.7	63.7	64.7	65.0	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	52.7	61.3	62.7	63.7	64.7	65.0	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	53.7	62.7	64.0	65.0	66.0	66.3	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	56.3	67.7	69.0	70.3	71.3	71.7	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	56.3	68.0	69.3	70.7	71.7	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	67.0	72.7	75.0	76.7	78.0	78.3	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	68.7	75.3	77.7	79.7	81.0	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	69.7	75.7	78.0	80.0	81.7	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	74.7	79.3	81.7	83.7	85.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	76.7	81.0	83.7	85.0	86.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	76.7	81.7	84.7	87.3	88.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	85.3	93.3	86.7	89.0	90.3	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	85.3	88.3	89.0	90.7	92.0	92.3	92.3	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	85.7	88.7	89.7	91.7	93.0	93.3	93.3	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	85.7	86.0	90.3	93.3	94.7	95.3	95.3	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	85.3	86.3	91.7	93.7	95.0	95.7	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	85.3	86.3	92.7	93.7	95.3	95.7	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	85.7	86.7	91.0	94.0	95.3	96.0	96.0	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	85.7	86.7	91.0	94.0	95.3	96.0	96.0	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	85.7	86.7	91.0	94.0	95.3	96.0	96.0	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	85.7	87.0	91.3	94.7	96.0	96.7	96.7	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	85.7	87.0	91.3	94.7	96.0	96.7	96.7	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	85.7	87.0	91.3	94.7	96.0	96.7	96.7	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	85.7	87.0	91.3	94.7	96.3	97.0	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	85.7	87.0	91.3	94.7	96.3	97.0	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	85.7	87.0	91.3	94.7	96.3	97.0	97.3	98.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	85.7	87.0	91.7	95.0	96.7	97.3	97.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	85.7	87.3	91.7	95.0	96.7	97.3	97.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.7	87.3	91.7	95.0	96.7	97.3	97.7	98.7	98.7	99.3	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 [illegible], IL — STATION NAME — 72-92 — YEARS — JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL — 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	42.4	49.7	51.5	52.7	53.3	53.6	53.7	53.8	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	47.2	56.1	58.2	59.6	60.2	60.5	60.7	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	47.3	56.2	58.4	59.7	60.4	60.7	60.9	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	47.3	56.2	58.4	59.7	60.4	60.7	60.9	61.0	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	47.6	56.6	58.8	60.1	60.8	61.1	61.3	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	47.8	57.7	59.9	61.3	61.9	62.2	62.4	62.6	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	51.4	62.3	64.8	66.2	66.9	67.3	67.5	67.7	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	51.7	62.7	65.4	66.6	67.4	67.9	68.1	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	54.9	67.6	70.7	72.4	73.6	74.1	74.4	74.5	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	55.1	69.0	72.2	74.1	75.4	75.9	76.2	76.4	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	55.5	70.0	73.4	75.2	76.6	77.1	77.4	77.5	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	55.1	72.3	75.8	77.7	79.0	79.5	79.8	80.0	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	58.9	73.4	76.9	78.9	80.2	80.8	81.1	81.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	59.3	75.8	79.6	81.7	83.2	83.7	84.1	84.3	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	61.5	78.7	82.0	84.1	85.6	86.2	86.5	86.7	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	62.7	80.1	84.4	86.7	88.3	89.0	89.5	89.7	89.7	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 2500	63.2	80.9	85.4	87.8	89.5	90.3	90.8	91.0	91.0	91.5	91.7	91.7	91.8	91.8	91.8	91.8
≥ 2000	64.1	82.4	87.1	89.6	91.4	92.3	92.8	93.1	93.2	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1800	64.1	82.7	87.4	89.9	91.7	92.6	93.1	93.4	93.5	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1500	64.4	83.4	88.2	90.8	92.6	93.7	94.1	94.5	94.5	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1200	64.6	83.7	88.7	91.4	93.3	94.3	94.8	95.2	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	64.7	83.8	88.8	91.8	93.8	94.9	95.5	96.0	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8
≥ 900	64.7	83.9	88.9	91.8	93.9	95.1	95.7	96.1	96.2	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 800	64.7	84.0	89.1	92.1	94.3	95.5	96.0	96.5	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	64.7	84.2	89.4	92.5	94.7	95.9	96.5	97.0	97.0	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 600	64.7	84.2	89.5	92.5	94.8	96.0	96.7	97.2	97.2	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	64.7	84.3	89.5	92.6	95.1	96.3	97.0	97.7	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	64.7	84.3	89.6	92.7	95.2	96.4	97.3	98.0	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0
≥ 300	64.7	84.3	89.6	92.7	95.2	96.4	97.3	98.1	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	64.7	84.3	89.6	92.7	95.3	96.5	97.3	98.2	98.2	99.1	99.3	99.4	99.6	99.6	99.6	99.8
≥ 100	64.7	84.3	89.6	92.7	95.3	96.5	97.3	98.2	98.2	99.1	99.4	99.5	99.7	99.7	99.8	100.0
≥ 0	64.7	84.3	89.6	92.7	95.3	96.5	97.3	98.2	98.2	99.1	99.4	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2399

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	[illegible]	77.4	81.9	85.9	86.8	87.1	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 20000	[illegible]	82.0	87.4	91.3	93.6	93.9	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 18000	[illegible]	82.0	87.7	91.7	93.9	94.2	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 16000	[illegible]	82.5	87.7	91.7	93.9	94.2	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 14000	[illegible]	83.2	88.1	91.8	94.2	94.5	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 12000	[illegible]	84.5	89.4	92.3	95.5	95.8	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 10000	[illegible]	87.1	92.3	95.5	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 9000	[illegible]	87.1	92.3	95.5	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 8000	[illegible]	91.4	96.2	98.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7000	[illegible]	92.6	97.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000	[illegible]	92.9	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	[illegible]	95.2	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	[illegible]	95.2	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	[illegible]	95.5	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	[illegible]	95.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	[illegible]	97.1	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	[illegible]	97.7	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	[illegible]	97.8	98.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS [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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	71.9	56.[illegible]	59.6	61.8	62.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	[illegible]	84.1	59.2	62.5	66.7	66.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	[illegible]	84.1	59.2	62.5	66.7	66.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	[illegible]	84.1	59.2	62.5	66.7	66.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	[illegible]	84.1	59.2	62.5	66.7	66.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	[illegible]	85.0	60.2	63.4	67.0	67.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	[illegible]	[illegible]	66.7	69.9	73.8	74.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	[illegible]	[illegible]	67.3	70.6	74.4	75.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	[illegible]	86.[illegible]	72.5	76.1	79.9	80.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000	[illegible]	86.7	72.1	76.7	80.6	81.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	[illegible]	87.3	73.8	77.7	81.6	82.2	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	[illegible]	88.6	75.1	79.3	82.9	83.8	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	[illegible]	89.8	76.1	80.3	84.1	85.1	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	[illegible]	89.8	76.1	80.3	84.1	85.1	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	[illegible]	91.2	77.7	81.9	85.8	86.7	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	[illegible]	92.5	78.9	83.5	86.0	89.0	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	[illegible]	93.1	79.9	84.1	88.7	90.0	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	[illegible]	94.4	81.2	85.4	90.6	91.9	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	[illegible]	94.4	81.2	85.4	90.6	91.9	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	[illegible]	95.1	82.2	86.4	91.6	92.9	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	[illegible]	95.4	82.5	87.1	92.2	93.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	[illegible]	95.4	82.5	87.1	92.2	93.9	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	[illegible]	95.4	82.5	87.1	92.2	93.9	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	[illegible]	95.4	82.5	87.1	92.6	94.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	[illegible]	95.4	82.5	87.4	92.9	94.5	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	[illegible]	95.4	82.5	87.4	92.9	94.6	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	[illegible]	95.4	82.9	87.7	93.2	95.2	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	[illegible]	95.4	82.9	88.0	93.5	95.5	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	95.4	82.9	88.0	93.5	95.5	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	[illegible]	95.4	82.9	88.0	93.5	95.5	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	[illegible]	95.4	82.9	88.0	93.5	95.5	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	[illegible]	95.4	82.9	88.0	93.5	95.5	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS [illegible] 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] MIL[illegible], IL STATION NAME | 73-[illegible] YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 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	[illegible]	43.2	46.1	49.7	53.9	56.1	56.1	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	[illegible]	45.2	49.4	53.6	59.1	60.3	60.7	61.6	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	[illegible]	45.8	49.7	53.9	59.4	60.7	61.1	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	[illegible]	45.8	49.7	53.9	59.4	60.7	61.1	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	34.2	46.1	50.0	54.2	59.7	61.0	61.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	34.2	47.7	51.6	55.8	60.3	62.9	63.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	37.7	52.6	57.1	62.3	66.8	70.0	70.3	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	42.1	52.7	57.4	62.6	67.1	70.3	70.7	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	[illegible]	56.8	61.0	67.1	72.6	76.1	76.5	78.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	42.7	57.1	61.9	67.4	72.9	76.5	76.8	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	42.7	57.7	62.5	68.1	73.6	77.1	77.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	42.3	58.3	64.3	71.0	75.8	79.4	79.7	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	42.4	60.3	66.2	73.1	78.5	82.0	82.3	84.2	84.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	43.2	61.2	67.1	73.9	78.7	82.6	82.9	84.8	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	43.6	62.3	67.4	77.2	79.0	82.9	83.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	43.6	63.2	68.4	78.2	80.3	84.2	84.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	44.2	64.5	69.7	79.5	81.6	85.5	86.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	44.2	64.9	70.0	79.8	81.9	85.8	86.8	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	44.5	65.2	70.7	79.5	82.6	86.5	87.4	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	44.5	66.1	71.3	79.1	84.2	88.4	89.4	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	44.5	66.1	71.3	79.4	84.5	88.7	89.7	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	44.5	66.5	72.6	79.4	86.1	90.3	91.3	94.5	94.5	95.2	95.2	95.5	95.5	95.5	95.5	95.5
≥ 900	44.5	67.1	73.6	81.3	87.1	91.3	92.3	95.5	95.5	96.1	96.1	96.5	96.5	96.5	96.5	96.5
≥ 800	44.5	67.4	73.9	81.0	87.7	91.9	92.9	96.1	96.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1
≥ 700	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.1	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1
≥ 600	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.1	97.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4
≥ 500	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.4	97.4	98.7	99.0	99.4	99.4	99.4	99.7	99.7
≥ 400	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.4	97.4	98.7	99.0	99.4	99.4	99.4	99.7	99.7
≥ 300	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.4	97.4	98.7	99.0	99.4	99.4	99.4	99.7	99.7
≥ 200	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.4	97.4	98.7	99.0	99.4	99.4	99.4	99.7	99.7
≥ 100	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.4	97.4	98.7	99.0	99.4	99.4	99.7	100.0	100.0
≥ 0	44.5	67.7	74.2	81.3	88.4	92.6	93.9	97.4	97.4	98.7	99.0	99.4	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 [illegible] STATION | [illegible], IL STATION NAME | [illegible] YEARS | J[illegible] 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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	49.4	52.9	57.1	59.7	[illegible]	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	53.2	57.1	61.3	64.2	[illegible]	64.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	53.2	57.1	61.3	64.2	[illegible]	64.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	53.2	57.1	61.3	64.2	[illegible]	64.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	53.6	57.4	61.6	64.5	[illegible]	64.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	56.5	59.4	63.6	66.5	[illegible]	67.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	58.7	62.9	67.7	71.3	[illegible]	71.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	60.3	64.5	69.4	72.6	[illegible]	73.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	62.2	67.1	71.9	75.5	[illegible]	76.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	63.2	67.4	72.3	75.9	[illegible]	76.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	64.2	68.4	73.6	77.1	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	65.5	69.7	75.2	78.7	[illegible]	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	65.5	69.7	75.2	78.7	[illegible]	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	66.5	71.0	76.8	80.7	[illegible]	81.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	67.7	72.3	78.1	81.9	[illegible]	82.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	69.4	74.2	80.3	84.2	[illegible]	85.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	71.0	75.8	82.3	86.1	[illegible]	87.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	72.3	77.1	83.6	87.4	[illegible]	88.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	72.3	77.1	83.6	87.4	[illegible]	88.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	73.2	78.1	84.8	88.7	[illegible]	89.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	74.5	79.4	86.1	[illegible]	[illegible]	91.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	75.1	81.3	87.1	91.6	[illegible]	92.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	75.5	80.9	87.1	91.9	[illegible]	92.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	76.1	81.3	88.1	92.9	[illegible]	93.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	76.1	81.3	88.1	92.9	[illegible]	93.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	76.9	81.9	88.7	93.6	[illegible]	94.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	76.9	81.9	88.7	93.9	[illegible]	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	76.9	81.9	88.7	93.9	[illegible]	95.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	76.8	81.9	88.7	94.2	[illegible]	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	76.8	81.9	88.7	94.2	[illegible]	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	76.8	81.9	88.7	94.2	[illegible]	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	76.8	81.9	88.7	94.2	[illegible]	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 310

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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING	[illegible]	[illegible]	57.4	54.7	55.3	5[illegible]	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	[illegible]
≥ 20000	61.[illegible]	58.[illegible]	61.2	[illegible]2.5	63.1	63.[illegible]	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.[illegible]
≥ 18000	[illegible]2.[illegible]	[illegible]2.9	61.5	62.8	63.4	[illegible]4.1	64.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4
≥ 16000	[illegible]2.1	[illegible]2.9	61.5	62.8	63.4	[illegible]4.1	64.4	[illegible]4.4	64.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4	[illegible]4.4
≥ 14000	[illegible]2.[illegible]	[illegible]2.[illegible]	61.9	63.1	63.8	[illegible]4.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	[illegible]2.4	[illegible]2.[illegible]	62.[illegible]	64.4	65.1	[illegible]5.7	66.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]	[illegible]6.[illegible]
≥ 10000	[illegible]8.[illegible]	[illegible]2.[illegible]	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.6	[illegible]9.6	[illegible]3.9	[illegible]9.9	[illegible]0.[illegible]	[illegible]0.[illegible]	[illegible]0.9	[illegible]0.9	[illegible]0.9	[illegible]0.9	[illegible]0.9	[illegible]0.9
≥ 9000	[illegible]8.[illegible]	[illegible]3.1	[illegible]0.[illegible]	[illegible]6.9	[illegible]7.[illegible]	[illegible]8.[illegible]	[illegible]0.9	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]
≥ 8000	[illegible]6.[illegible]	[illegible]5.1	[illegible]6.9	[illegible]1.8	[illegible]2.8	[illegible]3.5	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1	[illegible]4.1
≥ 7000	[illegible]6.[illegible]	[illegible]0.[illegible]	[illegible]1.[illegible]	[illegible]3.1	[illegible]4.1	[illegible]5.1	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4	[illegible]5.4
≥ 6000	[illegible]5.[illegible]	[illegible]6.7	[illegible]7.[illegible]	[illegible]3.5	[illegible]4.8	[illegible]5.7	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1
≥ 5000	[illegible]7.[illegible]	[illegible]7.6	[illegible]1.[illegible]	[illegible]4.6	[illegible]5.[illegible]	[illegible]7.[illegible]	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.[illegible]	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.4
≥ 4500	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]3.1	[illegible]6.4	[illegible]7.7	[illegible]8.6	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]
≥ 4000	[illegible]1.[illegible]	[illegible]2.[illegible]	[illegible]7.[illegible]	[illegible]0.[illegible]	[illegible]1.6	[illegible]2.[illegible]	[illegible]2.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]	[illegible]3.[illegible]
≥ 3500	[illegible]4.[illegible]	[illegible]5.[illegible]	[illegible]7.7	[illegible]1.6	[illegible]2.[illegible]	[illegible]4.1	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]	[illegible]4.[illegible]
≥ 3000	[illegible]4.[illegible]	[illegible]6.7	[illegible]1.6	[illegible]5.4	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]
≥ 2500	[illegible]6.7	[illegible]8.7	[illegible]7.7	[illegible]7.4	[illegible]9.6	[illegible]0.9	[illegible]1.7	[illegible]2.2	[illegible]2.2	[illegible]2.[illegible]	[illegible]2.[illegible]	[illegible]2.2	[illegible]2.2	[illegible]2.2	[illegible]2.[illegible]	[illegible]2.[illegible]
≥ 2000	[illegible]5.[illegible]	[illegible]0.[illegible]	[illegible]5.4	[illegible]0.6	[illegible]2.[illegible]	[illegible]3.9	[illegible]4.[illegible]	[illegible]5.2	[illegible]5.[illegible]	[illegible]5.2	[illegible]5.2	[illegible]5.2	[illegible]5.2	[illegible]5.2	[illegible]5.2	[illegible]5.2
≥ 1800	[illegible]5.[illegible]	[illegible]0.[illegible]	[illegible]5.4	[illegible]0.[illegible]	[illegible]2.6	[illegible]4.2	[illegible]5.2	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]5.[illegible]
≥ 1500	[illegible]5.[illegible]	[illegible]0.[illegible]	[illegible]6.1	[illegible].[illegible]6	[illegible]3.2	[illegible]4.8	[illegible]5.8	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1	[illegible]6.1
≥ 1200	[illegible]5.7	[illegible]1.0	[illegible]7.1	[illegible]1.6	[illegible]8.2	[illegible]5.[illegible]	[illegible]6.8	[illegible]7.1	[illegible]7.1	[illegible]7.1	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.4	[illegible]7.4
≥ 1000	[illegible]5.7	[illegible]1.9	[illegible]7.4	[illegible]1.9	[illegible]8.[illegible]	[illegible]6.4	[illegible]7.7	[illegible]8.1	[illegible]8.1	[illegible]8.1	[illegible]8.4	[illegible]8.4	[illegible]8.4	[illegible]8.4	[illegible]8.4	[illegible]8.4
≥ 900	[illegible]5.7	[illegible]1.9	[illegible]7.4	[illegible]1.9	[illegible]5.[illegible]	[illegible]7.1	[illegible]8.4	[illegible]8.7	[illegible]8.7	[illegible]8.7	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.[illegible]
≥ 800	[illegible]5.[illegible]	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.4	[illegible]9.4	[illegible]9.4	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7
≥ 700	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.0	[illegible]9.4	[illegible]9.4	[illegible]9.4	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7
≥ 600	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.0	[illegible]9.4	[illegible]9.4	[illegible]9.4	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]9.7
≥ 500	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0
≥ 400	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0
≥ 300	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0
≥ 200	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0
≥ 100	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0
≥ 0	[illegible]5.7	[illegible]2.2	[illegible]7.7	[illegible]2.6	[illegible]6.1	[illegible]7.7	[illegible]9.[illegible]	[illegible]9.7	[illegible]9.7	[illegible]9.7	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0	[illegible]0.0

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 21

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	87.7	89.4	89.9	84.2	87.2	85.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	65.5	66.5
≥ 20000	71.3	74.5	68.4	71.3	71.3	71.9	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	71.3	74.5	68.4	71.3	71.3	71.9	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	71.3	74.5	68.4	71.3	71.3	71.9	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	72.3	74.8	69.7	71.3	72.3	72.9	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	82.9	85.5	78.8	82.5	83.2	83.8	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	84.0	89.4	84.2	87.1	89.7	89.7	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 9000	85.3	90.0	84.8	87.7	89.7	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	86.9	91.3	86.1	89.0	91.6	92.6	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	86.9	91.9	86.5	89.4	91.7	93.0	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	87.4	92.6	87.4	89.3	92.3	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	87.4	93.2	87.9	91.0	93.9	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	87.4	93.9	88.4	92.6	95.5	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	88.7	96.1	90.2	93.5	96.2	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	89.7	96.5	92.9	96.5	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	89.4	97.7	94.8	98.4	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	89.7	98.4	95.5	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	89.7	98.7	95.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	89.7	99.1	96.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	89.7	99.1	96.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	89.7	99.1	96.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	89.7	99.1	96.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	89.7	99.4	96.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	89.7	99.7	97.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	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

[illegible] | [illegible], IL | 73-82 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	61.7	61.2	66.3	66.9	67.4	67.7	67.7	67.6	67.8	67.8	67.8	67.8	67.8	67.8
AV 18000	[illegible]	[illegible]	62.[illegible]	64.4	66.5	67.[illegible]	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.[illegible]	68.[illegible]
AV 16000	[illegible]	[illegible]	62.[illegible]	64.[illegible]	66.5	67.[illegible]	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.[illegible]
AV 14000	[illegible]	[illegible]	62.[illegible]	64.8	66.9	67.4	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.[illegible]
AV 12000	[illegible]	[illegible]	63.[illegible]	66.[illegible]	69.1	69.7	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AV 10000	[illegible]	63.1	67.6	70.6	73.1	73.4	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
AV 9000	[illegible]	[illegible]	67.[illegible]	71.2	73.7	74.5	75.1	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
AV 8000	[illegible]	66.7	71.[illegible]	74.7	77.6	78.5	79.1	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
AV 7000	[illegible]	[illegible]	71.9	75.[illegible]	78.2	79.1	79.9	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
AV 6000	[illegible]	[illegible]	72.[illegible]	76.1	79.1	80.0	80.8	81.3	81.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4
AV 5000	[illegible]	[illegible]	73.[illegible]	77.6	80.[illegible]	81.7	82.5	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
AV 4500	[illegible]	[illegible]	74.[illegible]	78.7	81.3	82.8	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
AV 4000	[illegible]	71.7	76.[illegible]	[illegible].9	84.2	85.2	86.1	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
AV 3500	[illegible]	[illegible]	77.9	82.[illegible]	85.5	86.6	87.5	88.0	88.[illegible]	88.2	88.2	88.2	88.2	88.2	88.2	88.2
AV 3000	[illegible]	74.9	80.[illegible]	84.5	88.4	89.6	90.7	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7
AV 2500	[illegible]	76.0	81.[illegible]	85.8	89.[illegible]	91.1	92.2	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2
AV 2000	[illegible]	77.0	82.6	86.9	91.0	92.4	93.6	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7
AV 1800	[illegible]	77.1	82.8	87.1	91.3	92.6	93.9	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
AV 1500	[illegible]	77.6	83.[illegible]	87.9	92.1	93.5	94.8	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
AV 1200	[illegible]	77.[illegible]	83.7	88.3	92.6	94.0	95.3	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6
AV 1000	[illegible]	78.1	84.[illegible]	88.7	93.1	94.6	95.9	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3
AV 900	[illegible]	78.[illegible]	84.1	88.8	93.4	94.9	96.3	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6
AV 800	[illegible]	78.4	84.[illegible]	89.2	93.9	95.4	96.8	97.7	97.7	97.9	98.[illegible]	98.1	98.1	98.1	98.1	98.1
AV 700	[illegible]	78.5	84.5	89.3	94.2	95.5	97.[illegible]	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.4	98.4
AV 600	[illegible]	78.5	84.[illegible]	89.4	94.1	95.7	97.1	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6
AV 500	[illegible]	78.6	84.6	89.5	94.3	95.9	97.5	98.6	98.6	99.0	99.1	99.2	99.2	99.2	99.3	99.3
AV 400	[illegible]	78.6	84.6	89.6	94.4	96.0	97.6	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.5	99.5
AV 300	[illegible]	78.6	84.6	89.6	94.6	96.2	97.8	99.0	99.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8
AV 200	[illegible]	78.6	84.6	89.6	94.6	96.2	97.8	99.0	99.0	99.5	99.7	99.8	99.8	99.8	99.9	99.9
AV 100	[illegible]	78.6	84.6	89.6	94.6	96.2	97.8	99.0	99.0	99.5	99.7	99.8	99.8	99.8	100.0	100.0
AV 0	[illegible]	78.6	84.6	89.6	94.6	96.2	97.8	99.0	99.0	99.5	99.7	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 247[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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	49.1	51.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	[illegible]	53.4	57.1	61.9	65.6	66.1	66.9	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	[illegible]	53.4	57.1	61.9	65.9	66.1	66.9	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	[illegible]	53.4	57.1	61.9	65.8	66.1	66.8	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	[illegible]	53.4	57.4	62.3	66.1	66.5	67.1	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	[illegible]	54.3	57.7	62.3	66.8	67.4	68.0	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	[illegible]	58.4	62.3	67.4	71.6	72.2	73.2	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	[illegible]	58.7	62.	67.7	71.9	72.6	73.6	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	[illegible]	63.2	67.1	72.3	76.5	77.4	78.4	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	[illegible]	64.3	68.1	73.2	77.4	78.7	79.7	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	[illegible]	65.2	69.1	74.2	78.4	79.7	80.7	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	[illegible]	66.1	70.1	75.2	80.1	81.3	82.3	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	[illegible]	66.5	70.7	75.8	81.0	81.9	82.9	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	[illegible]	66.4	70.9	76.1	81.3	82.2	84.5	85.5	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	[illegible]	69.4	74.2	79.4	84.8	86.1	87.1	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	[illegible]	71.5	76.1	81.9	87.7	89.3	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	[illegible]	72.3	77.1	82.9	89.0	90.3	91.6	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	[illegible]	72.3	77.1	82.9	89.0	90.3	91.6	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	[illegible]	72.8	77.1	83.2	89.8	90.7	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	[illegible]	73.2	77.1	84.5	90.7	92.3	93.6	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	[illegible]	73.2	79.7	85.2	91.3	92.9	94.5	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	[illegible]	73.6	79.0	85.5	91.6	93.2	95.8	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	[illegible]	73.6	79.0	85.5	91.6	93.2	95.8	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	[illegible]	73.6	79.4	85.8	92.3	93.9	96.5	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	[illegible]	73.6	79.7	86.1	92.6	94.2	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	[illegible]	73.6	79.7	86.1	92.9	94.5	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	[illegible]	73.6	79.7	86.1	93.6	95.2	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	[illegible]	73.6	79.7	86.1	93.6	95.3	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	[illegible]	73.6	79.7	86.1	93.6	95.2	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	[illegible]	73.6	79.7	86.1	93.6	95.2	98.1	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	73.6	79.7	86.1	93.6	95.2	98.1	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	[illegible]	73.6	79.7	86.1	93.6	95.2	98.1	99.0	99.0	99.7	99.7	99.7	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 [illegible], IL YEARS 77-82 MONTH APR

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	[illegible]	46.[illegible]	51.[illegible]	54.2	57.1	57.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	[illegible]	45.[illegible]	54.2	57.7	61.3	62.6	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	[illegible]	49.[illegible]	54.5	58.1	61.6	62.9	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	[illegible]	49.[illegible]	54.5	58.1	61.6	62.9	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	[illegible]	49.4	54.5	58.1	61.6	62.9	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	[illegible]	50.[illegible]	55.[illegible]	58.7	62.3	63.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	[illegible]	55.[illegible]	61.[illegible]	65.8	69.4	71.0	72.6	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2
≥ 9000	[illegible]	55.[illegible]	62.6	66.5	70.0	71.6	73.2	73.6	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9
≥ 8000	[illegible]	59.[illegible]	66.[illegible]	71.0	74.8	76.8	78.4	78.7	78.7	79.0	79.4	79.7	79.7	79.7	79.7	79.7
≥ 7000	[illegible]	60.[illegible]	67.4	71.9	76.1	78.1	79.7	80.0	80.0	80.3	80.7	81.0	81.0	81.0	81.0	81.0
≥ 6000	[illegible]	61.[illegible]	67.[illegible]	72.3	76.5	78.4	80.0	80.3	80.3	80.7	81.0	81.3	81.3	81.3	81.3	81.3
≥ 5000	[illegible]	61.6	68.4	73.2	77.7	79.7	81.3	81.9	81.9	82.3	82.6	82.9	82.9	82.9	82.9	82.9
≥ 4500	[illegible]	62.[illegible]	69.[illegible]	73.9	78.4	80.3	81.9	82.6	82.6	82.9	83.2	83.6	83.6	83.6	83.6	83.6
≥ 4000	[illegible]	63.2	70.[illegible]	75.5	80.[illegible]	81.9	83.9	84.5	84.5	84.8	85.2	85.5	85.5	85.5	85.5	85.5
≥ 3500	[illegible]	64.2	71.[illegible]	77.1	81.6	83.6	85.8	86.5	86.5	86.8	87.1	87.4	87.4	87.4	87.4	87.4
≥ 3000	[illegible]	65.[illegible]	73.6	79.0	83.6	85.5	87.7	88.7	88.7	89.[illegible]	89.4	89.7	89.7	89.7	89.7	89.7
≥ 2500	[illegible]	[illegible]	74.2	79.7	84.5	86.5	88.7	89.7	89.7	90.0	90.3	90.7	90.7	90.7	90.7	90.7
≥ 2000	[illegible]	66.8	75.[illegible]	81.0	86.[illegible]	88.7	91.3	92.3	92.3	92.6	92.9	93.2	93.2	93.2	93.2	93.2
≥ 1800	[illegible]	66.[illegible]	75.2	81.0	86.8	88.7	91.3	92.3	92.3	92.6	92.9	93.2	93.2	93.2	93.2	93.2
≥ 1500	[illegible]	67.4	76.[illegible]	82.3	88.1	90.0	92.7	93.9	93.9	94.2	94.5	94.8	94.8	94.8	94.8	94.8
≥ 1200	[illegible]	67.4	76.1	82.6	88.4	90.3	93.2	94.2	94.2	94.5	94.8	95.2	95.2	95.2	95.2	95.2
≥ 1000	[illegible]	69.1	76.8	83.2	89.[illegible]	91.0	94.5	95.5	95.5	95.8	96.1	96.5	96.5	96.5	96.5	96.5
≥ 900	[illegible]	69.1	76.8	83.6	89.4	91.3	95.2	96.1	96.1	96.5	96.8	97.1	97.1	97.1	97.1	97.1
≥ 800	[illegible]	69.1	76.8	83.9	89.7	91.6	95.5	96.5	96.5	96.8	97.1	97.4	97.4	97.4	97.4	97.4
≥ 700	[illegible]	69.4	77.1	84.2	90.[illegible]	91.9	95.8	96.8	96.8	97.1	97.4	97.7	97.7	97.7	97.7	97.7
≥ 600	[illegible]	69.4	77.1	84.2	90.[illegible]	92.3	96.1	97.1	97.1	97.4	97.7	98.1	98.1	98.1	98.1	98.1
≥ 500	[illegible]	69.4	77.1	84.2	90.7	92.6	96.5	98.1	98.1	98.4	98.7	99.0	99.0	99.0	99.0	99.0
≥ 400	[illegible]	69.4	77.1	84.2	90.7	92.6	96.8	98.4	98.4	98.7	99.0	99.4	99.4	99.4	99.4	99.4
≥ 300	[illegible]	69.4	77.1	84.2	90.7	92.6	96.8	98.4	98.4	98.7	99.0	99.4	99.4	99.4	99.4	99.4
≥ 200	[illegible]	69.4	77.1	84.2	90.7	92.6	96.8	98.4	98.4	98.7	99.0	99.4	100.0	100.0	100.0	100.0
≥ 100	[illegible]	69.4	77.1	84.2	90.7	92.6	96.8	98.4	98.4	98.7	99.0	99.4	100.0	100.0	100.0	100.0
0	[illegible]	69.4	77.1	84.2	90.7	92.6	96.8	99.4	98.4	98.7	99.0	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 710

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	[illegible]	34.3	39.7	41.9	48.5	50.7	51.6	53.2	53.2	53.6	53.9	54.5	54.8	54.8	55.2	55.2
≥ 20000	[illegible]	39.7	43.6	47.4	51.3	56.2	57.7	59.7	59.7	60.0	60.7	61.3	61.6	61.6	61.9	61.9
≥ 18000	[illegible]	39.7	43.6	47.4	51.3	56.5	57.7	59.7	59.7	60.0	60.7	61.3	61.6	61.6	61.9	61.9
≥ 16000	[illegible]	39.7	43.6	47.4	51.3	56.5	57.7	59.7	59.7	60.3	60.7	61.3	61.6	61.6	61.9	61.9
≥ 14000	[illegible]	39.3	43.6	47.4	51.3	56.5	57.7	59.7	59.7	60.0	60.7	61.3	61.6	61.6	61.9	61.9
≥ 12000	[illegible]	40.0	44.5	48.4	52.3	57.4	58.7	61.3	61.3	61.6	62.3	62.9	63.2	63.2	63.6	63.6
≥ 10000	[illegible]	43.6	48.4	52.3	56.1	61.6	63.6	66.1	66.1	66.5	67.4	68.1	68.4	68.4	68.7	68.7
≥ 9000	[illegible]	43.9	47.4	52.2	57.1	62.6	64.5	67.1	67.1	67.4	68.4	69.0	69.4	69.4	69.7	69.7
≥ 8000	[illegible]	45.5	51.9	56.5	60.7	66.5	69.7	71.6	71.6	72.3	73.2	73.9	74.2	74.2	74.5	74.5
≥ 7000	[illegible]	45.8	52.3	56.8	61.0	67.1	69.7	72.6	72.6	73.2	74.2	74.8	75.2	75.2	75.5	75.5
≥ 6000	[illegible]	46.5	53.2	57.7	62.6	68.7	71.9	74.8	74.8	75.5	76.5	77.1	77.4	77.4	77.7	77.7
≥ 5000	[illegible]	48.7	55.6	60.7	65.8	71.9	75.2	78.1	78.1	78.7	79.7	80.3	80.7	80.7	81.0	81.0
≥ 4500	[illegible]	49.4	56.1	61.3	66.5	72.6	75.8	79.0	79.0	79.7	80.7	81.3	81.6	81.6	81.9	81.9
≥ 4000	[illegible]	49.4	56.1	61.3	67.1	73.2	76.5	79.7	79.7	80.3	81.3	81.9	82.3	82.3	82.6	82.6
≥ 3500	[illegible]	51.3	57.7	62.9	68.7	74.8	78.1	81.3	81.3	81.9	82.9	83.6	83.9	83.9	84.2	84.2
≥ 3000	[illegible]	52.6	59.7	65.2	71.3	77.7	81.3	84.5	84.5	85.2	86.1	86.8	87.4	87.4	87.7	87.7
≥ 2500	[illegible]	52.6	60.0	65.5	71.9	78.7	82.3	85.5	85.5	86.1	87.1	87.7	88.4	88.4	88.7	88.7
≥ 2000	[illegible]	53.6	61.0	66.8	73.2	80.0	83.6	86.8	86.8	87.4	88.4	89.0	89.7	89.7	90.0	90.0
≥ 1800	[illegible]	53.6	61.0	66.8	73.2	80.0	83.6	86.8	86.8	87.4	88.4	89.0	89.7	89.7	90.0	90.0
≥ 1500	[illegible]	53.9	61.3	67.1	73.9	80.7	84.2	87.7	87.7	88.4	89.7	90.3	91.0	91.0	91.3	91.3
≥ 1200	[illegible]	54.2	61.9	68.1	74.8	81.6	85.5	89.0	89.0	89.7	91.3	91.9	92.6	92.6	92.9	92.9
≥ 1000	[illegible]	54.5	62.3	68.7	76.1	82.9	86.8	90.3	90.7	91.6	93.2	93.9	94.5	94.5	94.8	94.8
≥ 900	[illegible]	54.9	62.3	68.7	76.1	82.9	87.1	90.7	91.0	91.9	93.6	94.2	94.8	94.8	95.2	95.2
≥ 800	[illegible]	54.9	62.3	69.0	76.5	83.2	87.7	91.3	91.6	92.6	94.2	94.8	95.5	95.5	95.8	95.8
≥ 700	[illegible]	55.2	62.9	69.7	77.1	83.9	88.4	91.9	92.3	93.2	94.8	95.5	96.1	96.1	96.5	96.5
≥ 600	[illegible]	55.7	62.9	69.7	77.1	84.6	89.4	92.9	93.2	94.2	95.8	96.5	97.1	97.1	97.4	97.4
≥ 500	[illegible]	55.9	63.2	70.0	77.4	85.2	90.0	93.6	93.9	94.8	96.5	97.1	97.7	97.7	98.1	98.1
≥ 400	[illegible]	55.9	63.2	70.0	77.4	85.2	90.0	93.6	93.9	95.2	96.8	97.4	98.1	98.1	98.4	98.4
≥ 300	[illegible]	55.9	63.2	70.0	77.4	85.2	90.0	93.9	94.2	95.5	97.1	97.7	98.4	98.4	98.7	98.7
≥ 200	[illegible]	55.9	63.2	70.0	77.4	85.2	90.0	94.2	94.5	96.1	97.7	98.4	99.7	99.7	100.0	100.0
≥ 100	[illegible]	55.9	63.2	70.0	77.4	85.2	90.0	94.2	94.5	96.1	97.7	98.4	99.7	99.7	100.0	100.0
≥ 0	[illegible]	55.9	63.2	70.0	77.4	85.2	90.0	94.2	94.5	96.1	97.7	98.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-92 MONTH AUG

HOURS (L S T) 0-6

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	36.1	59.4	62.9	74.5	80.7	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 20000	38.7	64.5	68.1	81.6	86.5	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	38.7	64.5	68.1	81.6	86.5	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	38.7	64.5	68.1	81.6	86.5	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	38.7	65.2	69.1	82.6	87.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	39.0	66.5	70.3	83.9	88.7	89.7	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	41.3	70.5	74.7	88.4	93.9	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 9000	41.3	70.7	74.9	88.7	94.2	95.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	42.6	73.6	78.4	93.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	43.2	74.2	79.0	94.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	43.2	75.2	80.0	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	43.2	75.4	80.3	95.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	43.2	76.1	81.0	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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	43.2	76.1	81.0	96.5	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 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	42.3	45.5	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	52.3	47.4	51.3	52.6	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	53.2	48.1	51.9	53.2	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	53.2	48.1	51.9	53.2	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	53.2	48.4	52.3	53.6	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	53.2	50.3	54.2	55.5	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	58.7	54.8	59.0	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	59.4	55.2	59.4	61.3	61.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	59.7	58.4	62.6	65.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	60.7	59.4	63.6	66.8	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	61.7	60.3	64.5	68.4	69.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	62.3	62.3	66.8	70.7	71.6	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	62.6	62.6	66.8	70.7	71.9	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	62.3	63.9	68.7	73.6	75.2	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	64.2	66.5	71.3	76.1	77.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	67.4	71.0	75.8	81.6	84.2	86.1	86.1	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	69.7	73.5	78.7	84.8	87.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	70.7	74.8	81.3	86.8	89.4	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	70.7	74.8	81.3	86.8	89.4	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	71.3	76.1	81.9	88.4	91.6	93.9	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	71.6	77.1	82.9	89.4	92.6	94.8	95.5	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	71.6	77.7	83.6	90.7	93.9	96.1	96.8	96.8	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	71.6	78.4	84.5	91.6	94.8	97.1	97.7	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	71.6	78.4	84.5	92.3	95.5	97.7	98.4	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	71.6	78.4	84.5	92.3	95.5	97.7	98.4	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	71.6	78.4	84.5	92.3	95.8	98.1	98.7	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	71.6	78.4	84.5	92.3	95.9	98.1	98.7	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	71.6	78.4	84.5	92.3	95.8	98.1	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.6	78.4	84.5	92.3	95.8	98.1	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.6	78.4	84.5	92.3	95.8	98.1	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.6	78.4	84.5	92.3	95.8	98.1	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.6	78.4	84.5	92.3	95.8	98.1	98.7	99.4	99.4	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

[illegible] STATION | [illegible] IEX, TL STATION NAME | 72-[illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	97.4	51.[illegible]	52.6	52.9	2.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	[illegible]
≥ 20000	39.7	54.2	58.1	[illegible]	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	[illegible]
≥ 18000	39.7	54.2	58.1	59.7	60.3	60.3	60.3	[illegible]	60.3	60.3	60.3	60.3	60.3	60.3	60.3	[illegible]
≥ 16000	39.7	54.2	58.1	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	[illegible]
≥ 14000	60.0	74.6	58.7	61.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	62.3	77.1	61.0	63.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	62.3	77.1	61.0	63.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	62.3	77.1	61.0	63.6	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	42.3	59.0	67.6	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	43.6	60.3	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
≥ 6000	45.5	63.9	69.0	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
≥ 5000	45.5	64.2	69.4	71.6	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	46.1	64.5	70.0	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
≥ 4000	46.4	67.1	72.9	75.5	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	46.4	67.1	72.9	75.5	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	48.0	69.8	75.7	77.7	79.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	50.5	71.6	77.7	80.7	82.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	51.1	74.5	80.7	83.9	85.5	86.8	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	52.4	76.5	83.6	87.1	89.0	90.3	91.6	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	54.2	79.1	86.1	89.7	91.6	92.9	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	54.2	79.1	86.1	89.7	91.6	92.9	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	54.5	79.7	87.4	91.3	92.9	94.2	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	54.5	80.0	87.7	91.3	93.2	94.5	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	54.5	80.0	87.7	91.6	94.2	95.8	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	54.5	80.0	88.4	92.3	94.8	96.3	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	54.5	80.0	88.4	92.6	95.5	97.1	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	54.5	80.0	88.4	92.6	95.5	97.1	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	54.5	80.0	88.4	92.6	95.5	97.1	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	54.5	80.0	88.4	92.6	95.5	97.1	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	54.5	80.0	88.4	92.6	95.5	97.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.5	80.0	88.4	92.6	95.5	97.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.5	80.0	88.4	92.6	95.5	97.4	99.4	99.7	99.7	99.7	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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 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 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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	0
NO CEILING	[illegible]	53.2	[illegible]	56.4	[illegible]	[illegible]	61.6	[illegible]	[illegible]	61.6	61.6	61.6	[illegible]	61.6	61.6	61.6
≥ 20000	[illegible]	57.7	61.9	64.2	66.5	66.1	68.4	[illegible]	[illegible]	68.4	[illegible]	68.4	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	57.7	61.9	64.2	66.5	66.1	68.4	[illegible]	[illegible]	68.4	[illegible]	68.4	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	57.7	61.9	64.2	66.5	66.1	68.4	[illegible]	[illegible]	68.4	[illegible]	68.4	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	62.6	65.2	67.4	[illegible]	69.4	[illegible]	[illegible]	69.4	[illegible]	69.4	[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]	71.3	73.9	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	67.7	71.2	[illegible]	79.7	[illegible]	82.3	[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]	72.6	[illegible]	[illegible]	86.1	[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]	73.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L & Z)

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]	51.4	53.4	54.5	55.0	[illegible]	[illegible]	55.3	[illegible]	55.4	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	60.7	54.6	57.3	59.9	61.2	61.8	62.1	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4
≥ 18000	[illegible]	[illegible]	54.7	57.5	60.0	61.4	61.9	62.3	62.3	62.3	62.4	62.5	62.5	62.5	[illegible]	[illegible]
≥ 16000	[illegible]	60.9	54.7	57.5	60.0	61.4	61.9	62.3	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.6
≥ 14000	[illegible]	61.3	55.2	[illegible]	[illegible]	61.7	62.2	62.6	62.6	62.6	62.7	63.0	63.1	63.1	63.1	63.1
≥ 12000	[illegible]	[illegible]	57.4	59.3	61.9	63.2	63.8	64.2	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6
≥ 10000	[illegible]	66.5	61.5	64.0	66.5	68.5	69.2	69.6	69.6	69.7	69.8	70.0	70.0	70.0	70.0	70.0
≥ 9000	[illegible]	66.6	61.6	64.5	67.4	69.1	69.3	70.2	70.2	70.3	70.4	70.5	70.6	70.6	70.6	70.6
≥ 8000	[illegible]	68.4	65.4	69.1	72.7	74.2	75.1	75.6	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.1
≥ 7000	[illegible]	81.2	64.2	77.0	79.3	75.8	76.3	76.9	76.9	77.0	77.1	77.2	77.3	77.3	77.3	77.3
≥ 6000	[illegible]	[illegible]	67.0	70.6	74.2	76.3	77.4	77.9	77.9	78.1	78.2	78.4	78.4	78.4	78.4	78.4
≥ 5000	[illegible]	73.7	68.9	72.9	75.7	78.9	80.2	80.4	80.6	80.8	81.0	81.1	81.1	81.1	81.2	81.2
≥ 4500	[illegible]	[illegible]	69.2	73.4	77.2	79.4	80.5	81.1	81.1	81.3	81.5	81.6	81.6	81.6	81.7	81.7
≥ 4000	[illegible]	85.2	71.7	74.9	78.9	81.2	82.5	83.1	83.1	83.3	83.5	83.6	83.6	83.6	83.7	83.7
≥ 3500	[illegible]	86.7	72.3	76.6	80.7	83.2	84.3	84.9	84.9	85.1	85.3	85.4	85.4	85.4	85.5	85.5
≥ 3000	[illegible]	88.6	74.3	79.1	83.4	85.9	87.4	88.1	88.1	88.3	88.5	88.6	88.7	88.7	88.8	88.8
≥ 2500	[illegible]	89.1	75.7	81.5	85.2	87.6	89.3	90.0	90.0	90.2	90.4	90.6	90.7	90.7	90.7	90.7
≥ 2000	[illegible]	90.7	76.9	81.8	86.7	89.3	90.9	91.5	91.5	91.7	92.0	92.1	92.2	92.2	92.2	92.2
≥ 1800	[illegible]	90.8	77.0	82.0	87.0	89.6	91.1	91.8	91.8	92.0	92.3	92.4	92.5	92.5	92.5	92.5
≥ 1500	[illegible]	91.5	77.9	83.2	88.3	90.9	92.7	93.4	93.4	93.6	93.9	94.0	94.1	94.1	94.2	94.2
≥ 1200	[illegible]	91.9	78.5	83.9	89.1	91.8	93.7	94.4	94.4	94.7	95.0	95.1	95.2	95.2	95.3	95.3
≥ 1000	[illegible]	92.2	79.9	84.5	90.1	92.6	94.3	95.6	95.7	96.0	96.3	96.4	96.5	96.5	96.5	96.5
≥ 900	[illegible]	92.3	79.1	84.8	90.4	93.1	95.3	96.1	96.1	96.4	96.7	96.9	96.9	96.9	97.0	97.0
≥ 800	[illegible]	92.3	79.2	85.1	90.8	93.6	95.9	96.7	96.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6
≥ 700	[illegible]	92.5	79.4	85.3	91.1	93.9	96.2	97.0	97.1	97.4	97.7	97.9	97.9	97.9	98.0	98.0
≥ 600	[illegible]	92.5	79.4	85.3	91.3	94.2	96.6	97.4	97.5	97.8	98.2	98.3	98.4	98.4	98.4	98.4
≥ 500	[illegible]	92.6	79.5	85.4	91.6	94.5	97.0	97.9	98.0	98.3	98.7	98.9	99.0	99.0	99.0	99.0
≥ 400	[illegible]	92.6	79.5	85.4	91.6	94.6	97.2	98.2	98.3	98.6	99.0	99.2	99.2	99.3	99.3	99.3
≥ 300	[illegible]	92.6	79.5	85.4	91.6	94.6	97.3	98.3	98.4	98.8	99.2	99.3	99.4	99.4	99.5	99.5
≥ 200	[illegible]	92.6	79.5	85.4	91.6	94.6	97.3	98.4	98.5	98.9	99.3	99.4	99.5	99.8	99.9	99.9
≥ 100	[illegible]	92.6	79.5	85.4	91.6	94.6	97.3	98.4	98.5	99.0	99.4	99.6	99.9	100.0	100.0	100.0
≥ 0	[illegible]	92.6	79.5	85.4	91.6	94.6	97.3	98.4	98.5	99.0	99.4	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2420

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	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
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≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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																
AVAI 6000																
AVAI 5000																
AVAI 4500																
AVAI 4000																
AVAI 3500																
AVAI 3000																
AVAI 2500																
AVAI 2000																
AVAI 1800																
AVAI 1500																
AVAI 1200																
AVAI 1000																
AVAI 900																
AVAI 800																
AVAI 700																
AVAI 600																
AVAI 500																
AVAI 400																
AVAI 300																
AVAI 200																
AVAI 100																
0																

TOTAL NUMBER OF OBSERVATIONS 336

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 800																
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≥ 600																
≥ 500																
≥ 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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.	42.3	47.7	49.3	51.0	51.3	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	53.7	46.7	47.7	52.3	54.0	55.3	55.7	55.7	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	55.3	45.7	50.0	52.7	55.3	55.7	56.0	56.0	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	53.7	45.7	50.0	52.7	55.3	55.7	56.0	56.0	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	53.7	45.7	50.0	52.7	55.3	55.7	56.0	56.0	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	54.0	46.3	51.0	53.7	56.3	56.7	57.0	57.0	57.0	57.3	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	54.7	46.7	52.3	54.3	57.3	58.7	59.0	59.0	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	54.7	47.3	52.3	54.3	61.3	61.7	62.0	62.0	62.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	55.7	53.7	58.7	61.7	65.0	65.7	65.7	65.7	65.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	56.7	55.7	60.3	64.0	67.3	67.7	68.0	68.0	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	58.7	56.7	61.7	64.3	67.7	68.0	68.3	68.3	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	58.7	57.3	61.7	65.3	69.0	69.3	69.7	69.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	62.0	58.7	63.7	67.3	71.0	71.3	71.7	72.0	72.0	72.3	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	63.7	60.7	65.7	69.0	73.0	73.3	74.0	74.7	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	67.7	60.3	65.3	71.3	74.7	75.3	75.7	76.3	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	68.3	62.7	68.7	72.7	77.3	78.0	78.3	79.0	79.0	79.3	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	69.3	65.3	71.3	75.3	80.0	80.7	81.0	81.7	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	70.7	68.3	74.3	79.3	84.3	85.0	85.3	86.0	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	71.3	69.7	75.0	80.0	85.3	86.0	86.3	87.0	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	72.0	70.7	77.0	82.0	87.7	88.3	88.7	89.3	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	72.7	72.3	79.3	84.7	90.3	91.3	91.7	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	72.7	72.7	80.7	86.3	92.0	93.3	93.7	94.3	94.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7
≥ 900	73.3	73.3	81.3	87.0	92.7	94.0	94.3	95.0	95.3	95.7	96.0	96.0	96.3	96.3	96.3	96.3
≥ 800	73.3	73.7	81.7	87.3	94.0	95.7	96.0	97.0	97.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3
≥ 700	73.3	73.7	81.7	87.3	94.0	96.0	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0
≥ 600	73.3	73.7	81.7	87.3	94.0	96.0	96.7	97.7	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0
≥ 500	73.7	73.7	81.7	87.3	94.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7
≥ 400	73.7	73.7	81.7	87.3	94.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7
≥ 300	73.7	73.7	81.7	87.3	94.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7
≥ 200	73.7	73.7	81.7	87.3	94.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0
≥ 100	73.7	73.7	81.7	87.3	94.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0
0	73.7	73.7	81.7	87.3	94.3	96.3	97.3	98.3	98.7	99.0	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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]	44.3	47.3	48.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	[illegible]	52.7	53.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	[illegible]	53.7	53.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	[illegible]	53.7	53.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	[illegible]	54.0	54.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	[illegible]	55.7	55.7	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	[illegible]	59.3	59.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	[illegible]	59.7	59.7	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
≥ 8000	[illegible]	63.7	63.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	[illegible]	64.3	64.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	[illegible]	65.3	65.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	[illegible]	67.7	68.3	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
≥ 4500	[illegible]	69.3	69.7	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
≥ 4000	[illegible]	69.3	70.0	72.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	[illegible]	73.0	73.0	75.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	[illegible]	74.3	73.7	82.3	83.7	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	[illegible]	77.0	83.3	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	[illegible]	79.3	93.3	95.3	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	[illegible]	80.7	87.0	90.0	91.3	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	[illegible]	82.3	89.0	92.0	93.3	93.3	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	[illegible]	83.3	91.3	93.3	94.7	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	[illegible]	84.0	91.7	94.0	95.7	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	[illegible]	84.3	91.3	94.3	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	[illegible]	84.3	91.7	94.7	97.0	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	[illegible]	84.7	92.0	95.0	97.3	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	[illegible]	84.7	92.0	95.0	97.3	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	[illegible]	84.7	92.0	95.0	97.3	97.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	[illegible]	84.7	92.0	95.0	97.3	97.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	84.7	92.0	95.0	97.3	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	84.7	92.0	95.0	97.3	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	84.7	92.0	95.0	97.3	97.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	84.7	92.0	95.0	97.3	97.7	98.7	99.7	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 SEP

HOURS (L S T) 1[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	[illegible]	49.7	51.7	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	[illegible]	54.3	55.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	[illegible]	54.3	56.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	[illegible]	54.3	56.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	44.7	54.3	56.3	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	41.7	55.3	57.3	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	47.3	57.7	60.0	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	47.7	58.0	60.3	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	[illegible]	62.0	64.3	65.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	[illegible]	62.3	64.7	66.0	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	[illegible]	64.3	66.3	67.7	68.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	[illegible]	65.7	68.3	69.7	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	3.3	66.0	69.3	70.7	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	[illegible]	73.0	73.3	74.7	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	[illegible]	72.7	76.0	78.0	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	[illegible]	76.3	82.0	84.0	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	[illegible]	79.7	83.7	85.7	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	[illegible]	82.7	87.3	89.3	91.3	92.3	92.3	92.3	92.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	[illegible]	83.3	87.7	89.7	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	[illegible]	83.3	87.7	89.7	90.7	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	[illegible]	83.3	88.7	90.3	91.3	93.3	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	[illegible]	84.0	89.0	91.7	93.0	95.0	95.3	96.3	96.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	[illegible]	84.3	89.3	92.0	93.3	95.7	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	[illegible]	84.3	89.3	92.0	93.3	95.7	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	[illegible]	84.3	89.3	92.0	93.3	95.7	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	[illegible]	84.7	89.7	92.3	93.7	96.0	96.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	[illegible]	85.0	90.0	92.7	94.0	97.0	97.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	[illegible]	85.0	90.0	92.7	94.0	97.0	97.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	85.0	90.0	92.7	94.0	97.0	97.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	[illegible]	85.0	90.0	92.7	94.0	97.0	97.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	[illegible]	85.0	90.0	92.7	94.0	97.0	97.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	[illegible]	85.0	90.0	92.7	94.0	97.0	97.7	99.7	99.7	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 _____

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	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

71 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	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	65.7	64.7	66.7	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	65.7	64.7	66.7	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	65.7	64.7	66.7	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	65.7	64.7	66.7	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	65.7	64.7	66.7	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	72.7	68.0	71.7	71.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	73.7	69.3	71.7	72.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	76.7	72.7	75.7	76.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	79.3	75.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	80.3	76.7	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	82.0	78.7	81.7	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
≥ 4500	83.7	79.7	82.7	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
≥ 4000	85.3	81.3	84.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	87.0	82.7	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	88.7	84.0	87.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	89.7	85.3	88.3	89.0	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	90.3	86.3	89.3	90.0	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	91.0	87.3	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	91.0
≥ 1500	91.7	87.7	90.7	91.3	91.7	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	92.3	88.3	91.3	92.0	92.3	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	93.7	89.3	92.3	93.0	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	94.3	90.0	93.0	93.7	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	94.7	90.3	93.3	94.0	94.3	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	95.7	91.3	94.3	95.0	95.3	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	96.3	92.0	95.0	95.7	96.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	97.3	93.0	96.0	96.7	97.0	97.3	98.0	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0
≥ 400	97.7	93.7	96.7	97.3	97.7	98.0	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.7	93.7	96.7	97.3	97.7	98.0	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	97.7	93.7	96.7	97.3	97.7	98.0	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	97.7	93.7	96.7	97.3	97.7	98.0	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	97.7	93.7	96.7	97.3	97.7	98.0	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1-?3? (LE?NIC«, IL — STATION / STATION NAME

73-?? — YEARS

SEP — MONTH

ALL — 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	[illegible]	49.8	52.4	54.0	55.1	[illegible]	55.8	55.9	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	52.1	53.4	56.4	58.3	59.7	60.0	60.6	60.7	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	52.1	53.8	56.6	58.3	59.8	60.0	60.6	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	52.1	53.8	56.6	58.3	59.8	60.0	60.6	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	52.2	54.1	56.9	58.6	60.0	60.4	61.0	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	53.2	55.3	58.2	60.0	61.5	61.8	62.4	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	57.3	59.1	61.2	63.3	64.8	65.1	65.8	65.9	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	57.5	59.3	61.7	63.8	65.3	65.7	66.3	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	67.3	69.1	69.5	67.8	69.5	69.8	70.5	70.6	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	68.9	69.4	67.0	69.4	71.0	71.4	72.0	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	69.4	69.7	67.5	70.0	71.6	72.0	72.7	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	69.3	69.5	67.4	71.9	73.7	74.1	74.8	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	71.2	68.6	70.7	73.3	75.0	75.5	76.3	76.5	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	72.4	68.3	72.6	75.3	77.5	78.1	79.0	79.3	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	73.5	69.7	74.3	77.2	79.5	80.1	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	75.5	72.9	77.5	80.6	83.1	83.8	84.8	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	86.3	74.6	79.4	83.5	85.1	85.7	86.8	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	87.0	76.4	81.4	84.9	87.6	88.3	89.4	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	87.3	76.8	81.9	85.5	88.2	88.9	90.0	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	88.1	77.6	82.8	86.5	89.3	90.0	91.2	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	93.3	78.3	83.6	87.5	90.4	91.1	92.3	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	94.4	78.8	84.5	88.6	91.8	92.5	93.9	94.4	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	95.5	79.1	84.8	89.0	92.3	93.1	94.5	95.1	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 800	96.5	79.2	85.0	89.3	92.8	93.8	95.3	95.9	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 700	97.5	79.3	85.2	89.5	93.0	94.1	95.7	96.3	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	98.5	79.4	85.3	89.7	93.1	94.3	96.0	96.7	96.8	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	99.5	79.5	85.5	89.9	93.5	94.8	96.7	97.5	97.6	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 400	[illegible]	79.5	85.6	90.0	93.6	95.0	97.0	97.9	98.0	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	99.5	79.5	85.6	90.0	93.8	95.1	97.1	98.2	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.3
≥ 200	99.5	79.5	85.6	90.0	93.8	95.1	97.2	98.3	98.4	99.1	99.2	99.3	99.3	99.4	99.5	99.5
≥ 100	99.5	79.5	85.6	90.0	93.8	95.1	97.2	98.3	98.4	99.1	99.3	99.3	99.4	99.5	99.6	99.8
≥ 0	99.5	79.5	85.6	90.0	93.8	95.1	97.2	98.3	98.4	99.1	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2400

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] [illegible] IL [illegible] OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00

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	[illegible]	[illegible]	53.2	55.2	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	[illegible]	[illegible]	56.1	58.1	60.0	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	[illegible]	[illegible]	56.1	58.1	60.0	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	[illegible]	[illegible]	56.1	58.1	60.0	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	[illegible]	[illegible]	56.1	58.1	60.0	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	[illegible]	56.1	57.4	59.7	61.6	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	57.7	60.0	61.6	63.9	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	[illegible]	[illegible]	61.9	64.2	66.1	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	[illegible]	63.9	65.8	68.4	70.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	[illegible]	66.1	68.1	70.7	72.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	[illegible]	67.7	71.0	72.6	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	[illegible]	70.7	72.9	75.5	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	[illegible]	72.5	74.8	77.4	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	[illegible]	75.5	77.7	80.3	82.9	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	[illegible]	76.1	78.4	81.3	84.2	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	[illegible]	79.0	81.6	84.8	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	[illegible]	79.4	82.3	85.5	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	[illegible]	82.6	85.8	89.0	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	[illegible]	83.2	86.5	89.7	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	[illegible]	83.6	87.1	90.3	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	[illegible]	84.2	87.7	91.0	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	[illegible]	84.8	88.4	91.6	95.2	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	[illegible]	84.8	88.4	91.6	95.2	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	[illegible]	85.2	88.7	92.3	95.9	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	[illegible]	85.2	88.7	92.3	95.9	96.5	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	[illegible]	85.2	88.7	92.3	95.9	96.5	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	[illegible]	85.2	88.7	92.3	95.8	96.5	97.1	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	[illegible]	85.2	88.7	92.3	95.8	96.8	97.7	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	[illegible]	85.2	88.7	92.3	95.6	96.8	97.7	98.4	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	[illegible]	[illegible]	88.7	92.3	95.8	96.8	97.7	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 100	[illegible]	85.2	88.7	92.3	95.8	96.8	97.7	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.7	100.0
≥ 0	[illegible]	85.2	88.7	92.3	95.8	96.8	97.7	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
< 20000 ≥ 18000																
< 18000 ≥ 16000																
< 16000 ≥ 14000																
< 14000 ≥ 12000																
< 12000 ≥ 10000																
< 10000 ≥ 9000																
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< 800 ≥ 700																
< 700 ≥ 600																
< 600 ≥ 500																
< 500 ≥ 400																
< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 312

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																
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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 _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	54.0	45.5	46.5	46.5	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	.4	50.7	51.6	51.9	52.5	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	.4	51.0	51.9	52.6	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	.4	51.0	51.9	52.6	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	.4	51.3	52.3	52.9	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	.4	52.2	54.2	54.8	55.3	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	1.0	57.4	58.7	59.4	60.7	60.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	2.3	58.1	59.4	60.0	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	3.0	61.0	62.3	63.6	64.8	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	4.5	61.6	63.6	64.2	65.5	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	4.8	61.9	64.2	64.8	66.1	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	5.4	64.2	66.1	67.4	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	7.4	64.8	67.4	68.1	69.4	71.4	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	8.7	66.1	68.7	69.4	71.4	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	8.8	67.4	70.6	70.7	72.3	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	9.1	70.5	72.3	72.7	81.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	11.0	79.7	82.7	82.9	84.9	86.1	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	11.0	81.3	84.2	85.2	87.1	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	11.0	81.6	84.5	85.5	87.7	89.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	12.3	84.2	87.1	88.4	91.7	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	13.6	85.5	88.4	89.7	92.3	93.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	14.2	85.8	89.4	91.6	93.6	95.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	14.2	85.8	89.4	91.6	93.6	95.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	14.2	85.8	89.4	91.7	93.6	96.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	14.8	86.1	89.7	91.3	94.5	97.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	14.8	86.1	89.7	91.3	94.5	97.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31

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	≥ 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 _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 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	≥ 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 [illegible] STATION NAME [illegible], IL YEARS [illegible] MONTH OCT

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	[illegible]	47.0	49.2	[illegible]	51.6	[illegible]	[illegible]	[illegible]	52.5	52.7	52.8	52.8	[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]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 24RC

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible], IL STATION NAME | [illegible] YEARS | [illegible] MONTH

[illegible] 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	≥ 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]	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	[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]	96.3	97.3	97.7	98.7	99.7	99.7	99.8	99.8	99.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

HOURS (L S T) 07

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]	[illegible]	41.7	41.3	[illegible]	42.7	43.0	[illegible]	43.7	43.3	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	[illegible]	42.7	43.7	44.7	46.[illegible]	46.0	45.7	46.7	47.3	47.0	47.3	47.3	47.3	47.3	47.[illegible]	47.7
≥ 18000	[illegible]	42.7	43.7	44.7	46.[illegible]	46.[illegible]	46.7	46.7	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	[illegible]	42.7	43.7	44.7	46.[illegible]	46.[illegible]	46.7	46.7	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	[illegible]	43.3	44.3	45.3	46.7	46.7	47.3	47.3	47.7	47.7	48.3	48.0	48.0	48.0	48.0	48.0
≥ 12000	[illegible]	43.7	44.7	46.0	47.3	47.3	48.[illegible]	48.0	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	[illegible]	48.0	49.3	50.7	52.0	52.0	52.7	52.7	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	[illegible]	49.3	50.7	52.0	53.3	53.3	54.0	54.0	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7
≥ 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 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

HOURS (L S T) 00

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	35.7	38.7	37.7	37.7	39.3	39.7	39.7	39.7	40.0	40.0	40.3	40.3	40.7	40.7	40.7	40.7
≥ 20000	37.3	38.7	41.7	42.0	44.0	44.7	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	37.3	38.7	41.7	42.0	44.0	44.7	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	37.3	38.7	41.7	42.0	44.0	44.7	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	37.3	39.7	42.7	43.0	44.3	45.7	46.3	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 12000	37.3	39.3	43.3	43.3	45.3	46.7	46.3	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 10000	38.3	40.7	44.0	44.3	46.0	47.7	48.0	48.0	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	38.3	40.7	44.0	44.3	46.0	47.7	48.0	48.0	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7
≥ 8000	51.7	43.0	47.0	50.0	52.7	53.7	54.0	54.0	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7
≥ 7000	51.7	43.7	50.0	51.0	54.0	54.7	55.0	55.0	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7
≥ 6000	52.3	44.3	50.7	51.7	54.7	55.3	55.7	55.7	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5000	52.3	45.0	51.3	52.7	56.3	57.0	57.7	57.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	54.7	45.3	51.7	53.3	57.0	57.7	58.3	58.3	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 4000	53.3	46.7	52.7	54.3	58.7	59.3	60.0	60.0	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 3500	54.3	49.0	55.3	56.7	61.3	62.0	62.7	62.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	54.7	53.3	60.3	62.0	67.0	68.0	68.7	68.7	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	57.3	58.7	64.3	66.3	71.3	72.3	73.0	73.0	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	57.7	59.3	67.0	70.0	75.3	76.7	77.3	78.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	57.7	60.0	69.0	71.0	76.3	78.0	78.7	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1500	58.7	63.3	71.3	74.0	80.0	82.0	82.7	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200	61.3	65.3	73.3	76.0	82.3	85.0	85.7	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	62.7	66.7	74.7	78.0	84.7	87.3	88.7	89.0	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	62.7	66.7	75.0	79.3	85.0	87.7	88.3	89.3	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	62.7	66.3	75.7	79.3	86.0	89.0	90.0	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	62.0	66.3	75.7	79.3	86.7	89.7	90.7	91.7	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	62.0	66.7	76.3	79.7	87.3	91.3	92.3	94.0	94.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7
≥ 500	62.3	66.7	76.3	79.7	87.3	91.3	93.0	95.0	95.7	96.0	96.3	96.7	97.0	97.3	97.3	97.3
≥ 400	62.0	66.7	76.3	79.7	87.3	91.3	93.0	95.3	96.0	96.7	97.0	97.3	97.7	98.0	98.0	98.0
≥ 300	62.0	66.7	76.3	79.7	87.3	91.3	93.0	95.3	96.0	97.0	97.7	98.0	98.3	98.7	98.7	98.7
≥ 200	62.0	66.7	76.3	79.7	87.3	91.3	93.0	95.3	96.0	97.0	97.7	98.0	98.7	99.0	99.0	99.3
≥ 100	62.0	66.7	76.3	79.7	87.3	91.3	93.0	95.3	96.0	97.0	97.7	98.0	99.0	99.3	99.3	99.7
≥ 0	62.0	66.7	76.3	79.7	87.3	91.3	93.0	95.3	96.0	97.0	97.7	98.0	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-77 MONTH NOV

HOURS (L S T) 12

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	[illegible]	34.3	35.3	35.7	36.3	[illegible]	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	[illegible]	43.[illegible]	44.3	44.7	46.[illegible]	46.7	47.[illegible]	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	[illegible]	43.[illegible]	44.3	44.7	46.[illegible]	46.7	47.[illegible]	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	[illegible]	43.[illegible]	44.3	44.7	46.[illegible]	46.7	47.[illegible]	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000	[illegible]	43.0	44.3	44.7	46.[illegible]	46.7	47.[illegible]	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 12000	[illegible]	43.3	44.0	44.7	47.[illegible]	47.7	48.[illegible]	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	[illegible]	47.7	48.3	50.3	51.7	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 9000	[illegible]	47.7	49.3	50.3	51.7	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	[illegible]	49.0	51.7	53.3	55.0	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	[illegible]	49.0	51.7	54.0	55.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 6000	[illegible]	49.[illegible]	52.0	54.0	55.7	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 5000	[illegible]	[illegible]	54.0	55.0	56.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4500	[illegible]	[illegible]	54.3	55.0	56.7	57.7	58.[illegible]	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4000	[illegible]	52.7	54.7	56.0	58.7	60.7	61.[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3500	[illegible]	54.7	57.[illegible]	60.3	62.[illegible]	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3000	[illegible]	[illegible]	65.0	66.7	68.[illegible]	69.7	70.[illegible]	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	[illegible]	65.0	70.0	71.7	73.3	74.7	75.[illegible]	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2000	[illegible]	[illegible]	74.7	76.3	78.3	79.7	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	[illegible]	69.7	75.0	77.0	79.0	80.3	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	[illegible]	71.[illegible]	77.7	80.[illegible]	82.3	83.7	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	[illegible]	73.3	81.7	84.0	86.7	88.7	88.7	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	[illegible]	75.[illegible]	83.[illegible]	87.0	90.7	92.3	93.0	93.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	[illegible]	75.[illegible]	83.7	87.3	91.3	93.[illegible]	93.7	94.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	[illegible]	75.3	83.3	87.3	91.7	93.3	94.[illegible]	94.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	[illegible]	75.0	83.3	87.3	91.7	93.3	94.[illegible]	94.7	95.[illegible]	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	[illegible]	75.0	83.3	87.7	92.0	93.7	94.7	96.[illegible]	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	[illegible]	75.0	83.3	87.7	92.0	93.7	94.7	96.3	96.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	[illegible]	75.3	83.3	87.7	92.0	93.7	94.7	97.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	[illegible]	75.[illegible]	83.3	87.7	92.0	93.7	94.7	97.3	97.7	98.7	99.0	99.0	99.0	99.3	99.3
≥ 200	[illegible]	75.[illegible]	83.3	87.7	92.[illegible]	93.7	94.7	97.3	97.7	98.7	99.3	99.3	99.3	99.7	99.7
≥ 100	[illegible]	75.0	83.3	87.7	92.3	93.7	94.7	97.3	97.7	98.7	99.3	99.3	99.3	99.7	99.7
0	[illegible]	75.[illegible]	83.3	87.7	92.[illegible]	93.7	94.7	97.3	97.7	98.7	99.3	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 370

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

HOURS (LST) 1[illegible]

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]	[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]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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	≥ ¼	≥ 5/16	≥ ⅛	0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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≥ 8000																
≥ 7000																
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≥ 2500																
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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																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L or 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																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS 211

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 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																
AVA 5000																
AVA 4500																
AVA 4000																
AVA 3500																
AVA 3000																
AVA 2500																
AVA 2000																
AVA 1800																
AVA 1500																
AVA 1200																
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 _____

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	≥ .	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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	[illegible]	71.[illegible]	31.[illegible]	32.7	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.3	32.3	32.3	32.[illegible]	32.[illegible]	32.[illegible]
≥ 20000	[illegible]	35.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]
≥ 18000	[illegible]	35.2	36.1	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]
≥ 16000	[illegible]	35.2	36.1	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]	36.[illegible]
≥ 14000	[illegible]	37.[illegible]	38.[illegible]	38.[illegible]	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 12000	38.[illegible]	38.1	38.[illegible]	38.4	39.7	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]	40.[illegible]
≥ 10000	[illegible]	40.7	41.[illegible]	41.[illegible]	42.[illegible]	42.7	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]
≥ 9000	[illegible]	40.7	41.[illegible]	41.9	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]	42.[illegible]
≥ 8000	44.[illegible]	44.[illegible]	45.1	46.5	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 7000	45.[illegible]	45.2	46.[illegible]	47.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000	45.[illegible]	45.5	47.1	47.7	48.7	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]
≥ 5000	46.[illegible]	46.[illegible]	48.4	49.[illegible]	50.[illegible]	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4500	47.2	47.3	48.7	49.4	50.[illegible]	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4000	48.[illegible]	48.4	50.7	51.3	52.6	52.9	52.[illegible]	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 3500	54.[illegible]	54.[illegible]	55.[illegible]	55.5	56.8	57.1	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.7	57.7
≥ 3000	55.4	55.[illegible]	58.1	58.9	61.6	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 2500	[illegible]	58.1	61.[illegible]	61.2	65.[illegible]	65.5	65.5	65.5	65.5	65.8	65.8	65.9	65.9	65.[illegible]	66.1	66.1
≥ 2000	61.[illegible]	62.[illegible]	66.3	66.7	71.[illegible]	71.[illegible]	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.6	72.6
≥ 1800	63.[illegible]	64.5	67.[illegible]	67.7	73.[illegible]	73.6	73.[illegible]	73.[illegible]	73.6	74.2	74.2	74.2	74.2	74.2	74.5	74.5
≥ 1500	65.2	65.2	67.4	71.9	74.[illegible]	75.[illegible]	75.8	75.8	75.8	76.[illegible]	76.[illegible]	76.5	76.5	76.[illegible]	76.8	76.8
≥ 1200	72.[illegible]	73.[illegible]	74.[illegible]	74.2	78.4	79.4	81.[illegible]	81.[illegible]	81.[illegible]	81.9	81.9	81.9	81.9	81.[illegible]	82.3	82.3
≥ 1000	72.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	82.[illegible]	83.3	82.6	83.2	83.2	83.9	84.2	84.2	84.2	84.2	84.5	84.5
≥ 900	73.[illegible]	76.[illegible]	77.3	78.5	81.9	83.2	84.5	85.5	85.5	86.1	86.5	86.5	86.5	86.[illegible]	87.1	87.1
≥ 800	75.[illegible]	77.1	77.3	77.4	82.[illegible]	84.[illegible]	86.1	87.4	87.4	88.1	88.7	88.7	88.4	88.7	89.[illegible]	89.[illegible]
≥ 700	77.[illegible]	77.4	78.[illegible]	78.1	84.2	86.1	87.7	89.4	89.4	90.[illegible]	90.7	90.7	91.3	91.6	91.9	91.9
≥ 600	77.[illegible]	77.4	78.6	78.4	84.5	87.1	88.7	90.3	90.7	91.6	92.6	92.6	92.2	93.6	93.9	93.9
≥ 500	77.[illegible]	77.4	78.6	78.4	84.5	87.1	89.0	91.0	91.3	92.6	94.2	94.2	94.8	95.2	95.5	95.5
≥ 400	77.[illegible]	77.4	78.6	78.4	84.8	87.4	89.4	91.[illegible]	91.9	93.6	95.5	95.5	96.1	96.5	96.8	96.8
≥ 300	77.[illegible]	77.4	78.6	78.4	84.9	87.4	89.4	91.6	91.9	93.9	96.1	96.1	97.7	98.1	98.4	98.4
≥ 200	77.[illegible]	77.4	78.6	78.4	84.9	87.4	89.4	91.6	91.9	93.9	96.1	96.1	98.4	98.7	99.7	99.7
≥ 100	77.[illegible]	77.4	78.6	78.4	84.9	87.4	89.4	91.6	91.9	93.9	96.1	96.1	98.4	98.7	99.7	100.0
≥ 0	77.[illegible]	77.4	78.6	78.4	84.8	87.4	89.4	91.6	91.9	93.9	96.1	96.1	98.4	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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 _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS 309

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																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	34.0	34.6	[illegible]	[illegible]	35.0	[illegible]	[illegible]	35.1	35.1	35.1	[illegible]	35.1	35.1	[illegible]
≥ 20000	[illegible]	[illegible]	37.7	38.3	38.3	38.3	38.9	38.9	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 18000	[illegible]	35.8	37.7	38.3	38.6	38.8	38.9	38.9	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	[illegible]	36.4	37.7	38.3	38.6	38.8	38.9	38.9	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 14000	[illegible]	36.4	38.1	38.6	39.1	39.2	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000	[illegible]	[illegible]	38.3	39.0	40.3	40.5	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 10000	[illegible]	41.6	42.9	43.7	44.2	44.4	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 9000	[illegible]	41.6	43.2	44.0	44.6	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 8000	[illegible]	45.2	46.8	47.5	48.1	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 7000	[illegible]	46.0	47.7	48.5	49.1	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 6000	[illegible]	46.7	48.6	49.4	50.1	50.3	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 5000	[illegible]	48.3	50.2	51.0	51.7	51.9	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 4500	[illegible]	[illegible]	51.3	51.9	52.6	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 4000	[illegible]	[illegible]	52.7	53.6	54.5	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2
≥ 3500	[illegible]	53.8	55.5	56.8	57.8	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5
≥ 3000	[illegible]	57.1	59.6	61.1	62.4	62.7	63.0	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2500	[illegible]	[illegible]	62.8	64.5	65.7	66.2	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 2000	[illegible]	65.2	68.9	70.7	72.5	73.1	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1
≥ 1800	[illegible]	65.9	69.3	71.6	73.5	74.1	74.7	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1500	[illegible]	68.4	72.2	75.0	77.2	78.0	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 1200	[illegible]	[illegible]	74.5	77.6	[illegible]	[illegible]	82.5	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1000	[illegible]	71.3	76.1	79.6	82.9	83.9	85.2	85.6	85.7	86.1	86.2	86.2	86.2	86.2	86.3	86.3
≥ 900	[illegible]	71.8	76.6	[illegible]	84.4	85.2	86.7	87.3	87.4	87.8	87.9	87.9	87.9	87.9	88.0	88.0
≥ 800	[illegible]	71.9	77.0	81.0	84.8	86.1	87.9	88.5	88.5	89.1	89.3	89.4	89.5	89.5	89.6	89.6
≥ 700	[illegible]	72.3	77.4	81.2	85.4	86.2	89.0	89.8	89.9	90.6	91.0	91.1	91.2	91.3	91.3	91.3
≥ 600	[illegible]	72.3	77.4	81.7	86.1	87.8	90.4	91.5	91.7	92.7	93.1	93.2	93.5	93.5	93.5	93.5
≥ 500	[illegible]	72.1	77.5	82.0	86.8	88.5	91.5	92.8	93.0	94.4	95.0	95.1	95.5	95.6	95.7	95.7
≥ 400	[illegible]	72.1	77.7	82.1	87.1	89.1	92.2	93.6	93.9	95.4	96.2	96.3	96.8	96.8	96.9	97.0
≥ 300	[illegible]	72.1	77.7	82.2	87.2	89.2	92.5	94.1	94.8	96.[illegible]	96.9	96.9	97.7	97.7	98.0	98.[illegible]
≥ 200	[illegible]	72.1	77.7	82.2	87.2	89.2	92.6	94.4	94.8	96.5	97.5	97.6	98.6	98.7	99.2	99.2
≥ 100	[illegible]	72.1	77.7	82.2	87.2	89.2	92.6	94.4	94.7	96.7	97.8	97.8	98.9	99.0	99.7	99.9
0	[illegible]	72.1	77.7	82.2	87.2	89.3	92.6	94.4	94.7	96.7	97.8	97.8	98.9	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2478

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH: ALL

HOURS (L S T): ALL

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	[illegible]	43.4	47.3	47.4	47.3	47.4	47.7	47.9	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.
≥ 20000	47.	49.4	50.3	51.4	52.4	52.7	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.4
≥ 18000	[illegible]	49.3	50.3	51.6	52.5	52.8	53.1	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5
≥ 16000	[illegible]	49.3	50.3	51.6	52.5	52.8	53.1	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5
≥ 14000	[illegible]	49.3	50.3	51.9	52.9	53.2	53.5	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	[illegible]	49.3	51.3	53.2	54.2	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 10000	1.8	53.4	55.2	57.2	58.3	58.7	59.1	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	1.8	53.8	54.7	57.6	58.7	59.1	59.5	59.6	59.7	59.8	59.8	59.6	59.9	59.9	59.9	59.9
≥ 8000	4.6	57.4	60.0	62.0	63.3	63.8	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	4.8	58.7	61.6	63.3	64.6	65.1	65.6	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 6000	8.4	59.3	62.4	64.1	65.5	66.0	66.5	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9
≥ 5000	8.4	61.1	64.2	65.9	67.2	68.2	68.5	68.7	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0
≥ 4500	9.7	63.1	65.2	67.3	68.5	69.1	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 4000	9.7	63.7	67.1	69.0	70.7	71.3	71.8	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	10.1	65.5	68.1	71.1	72.9	73.6	74.1	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 3000	10.2	68.7	72.5	74.7	76.9	77.5	78.2	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8
≥ 2500	10.1	70.7	74.3	77.2	79.4	80.2	80.9	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.6
≥ 2000	10.2	73.3	77.6	80.3	82.7	83.6	84.5	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.3
≥ 1800	10.9	75.0	79.2	82.0	84.4	85.4	86.2	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	11.1	75.3	80.1	83.0	85.9	86.8	87.6	88.3	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.9
≥ 1200	11.5	76.3	81.2	84.4	87.3	88.4	89.5	90.1	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.7
≥ 1000	11.5	76.7	82.1	85.6	88.8	90.1	91.4	92.0	92.1	92.4	92.6	92.6	92.7	92.7	92.7	92.8
≥ 900	11.5	77.1	82.4	85.9	89.3	90.7	92.1	92.7	92.8	93.2	93.4	93.4	93.5	93.5	93.5	93.5
≥ 800	11.5	77.2	82.7	86.4	90.0	91.4	92.9	93.6	93.7	94.2	94.4	94.4	94.5	94.5	94.6	94.6
≥ 700	11.7	77.4	83.1	86.7	90.4	91.9	93.5	94.3	94.5	95.0	95.3	95.3	95.4	95.4	95.4	95.5
≥ 600	11.8	77.5	83.2	86.9	90.7	92.4	94.1	95.0	95.2	95.8	96.0	96.1	96.2	96.2	96.3	96.4
≥ 500	11.8	77.6	83.3	87.1	91.1	92.8	94.7	95.7	95.9	96.7	97.0	97.1	97.3	97.3	97.3	97.4
≥ 400	11.8	77.6	83.4	87.2	91.3	93.0	95.0	96.2	96.3	97.3	97.7	97.7	98.0	98.0	98.1	98.1
≥ 300	11.8	77.6	83.4	87.3	91.3	93.1	95.2	96.4	96.6	97.7	98.2	98.3	98.6	98.6	98.7	98.8
≥ 200	11.8	77.6	83.4	87.3	91.4	93.1	95.2	96.5	96.7	97.9	98.5	98.5	99.0	99.1	99.3	99.4
≥ 100	11.8	77.6	83.4	87.3	91.4	93.1	95.2	96.5	96.7	97.9	98.6	98.6	99.2	99.3	99.6	99.8
≥ 0	11.8	77.6	83.4	87.3	91.4	93.1	95.2	96.5	96.7	97.9	98.6	98.6	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 29313

DIRNAVOCEANMET SMOS

3

SKY COVER

1[illegible]55 GLENVIEW, IL 73-82 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	[illegible]	29.1			1[illegible].6						10.3	51.0	6.3	310
	03	2[illegible].[illegible]			11.[illegible]						10.6	49.4	6.2	310
	[illegible]	28.3			11.3						11.3	49.2	6.3	311
	[illegible]	1[illegible].[illegible]			11.9						16.4	52.1	7.0	311
	12	15.5			15.2						18.1	50.3	7.1	310
	15	15.8			12.6						23.9	47.7	7.3	310
	18	19.4			15.[illegible]						14.8	50.0	6.8	310
	21	24.2			10.3						13.2	52.3	6.7	310
TOTALS		22.6			12.3						14.9	50.3	6.7	2482

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SKY COVER

1-[illegible] GLENVIEW, IL 73-82 FEB
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		
FEB	00	26.2			13.8						12.1	47.9	6.3	282
	03	27.3			12.4						13.5	46.8	6.3	282
	06	19.4			21.6						12.8	47.2	6.5	282
	09	13.8			15.2						18.1	52.8	7.4	282
	12	14.2			16.3						17.4	52.1	7.3	282
	15	12.8			17.0						26.6	43.6	7.3	282
	18	17.7			15.6						17.0	49.6	7.0	282
	21	24.8			14.2						14.2	46.8	6.8	282
TOTALS		19.4			15.8						16.5	48.4	6.8	2256

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SKY COVER

1-855 GLENVIEW, IL 73-82 MAR
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		
MAR	00	28.1			11.9						10.0	50.0	6.3	310
	03	28.1			10.6						11.0	50.3	6.3	310
	06	17.7			19.7						15.2	47.4	6.7	310
	09	16.8			13.2						20.0	50.0	7.2	310
	12	11.0			17.4						20.3	51.3	7.5	310
	15	9.4			17.1						23.5	50.0	7.6	310
	18	12.3			16.1						23.2	48.4	7.4	310
	21	26.1			14.2						12.9	46.8	6.3	310
TOTALS		18.7			15.0						17.0	49.3	6.9	2480

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SKY COVER

1[illegible]55 GLENVIEW, IL 73-82 [illegible]P
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	31.3			13.7						12.7	42.3	5.8	[illegible]
	03	30.3			14.3						15.0	40.3	5.8	[illegible]
	06	20.0			17.3						19.3	43.3	6.6	[illegible]
	09	17.7			19.0						19.3	45.0	6.8	[illegible]
	12	11.7			15.7						25.0	47.7	7.5	[illegible]
	15	11.0			17.0						23.7	48.3	7.5	[illegible]
	18	13.0			15.3						27.0	44.7	7.4	[illegible]
	21	30.7			15.0						12.0	42.3	5.8	[illegible]
TOTALS		20.0			15.8						19.3	40.2	6.7	24[illegible]

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SKY COVER

1 ?55 GLENVIEW, IL 73-82 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00	31.6			22.3						13.9	32.3	5.1	310
	03	28.4			19.7						15.8	36.1	5.6	310
	06	22.6			24.5						14.9	39.7	6.2	310
	09	19.3			19.7						22.3	39.7	6.5	310
	12	12.6			21.6						29.7	36.2	6.9	314
	15	15.2			16.5						30.6	37.7	7.0	310
	18	17.2			21.3						27.1	34.4	6.9	310
	21	25.4			22.3						16.8	37.1	6.8	310
TOTALS		20.9			20.6						21.3	37.2	6.2	2480

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3

SKY COVER

14855 GLENVIEW, IL 77-82 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	03	31.7			22.0						20.7	25.7	5.1	
	09	31.7			22.7						15.7	29.7	5.1	
	15	17.7			25.7						24.7	32.0	6.2	
	21	15.7			17.7						33.7	31.3	6.5	
	1?	17.0			21.7						29.7	30.7	7.0	
	1?	9.7			27.7						35.7	31.3	7.1	
	1?	14.7			24.3						29.7	31.3	6.5	
	21	22.0			21.3						21.7	28.3	6.5	
TOTALS		17.4			23.3						26.5	30.5	6.1	24

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3

SKY COVER

1--55 CLE[illegible]ZE--, IL [illegible]
STATION STATION NAME YEAR MONTH

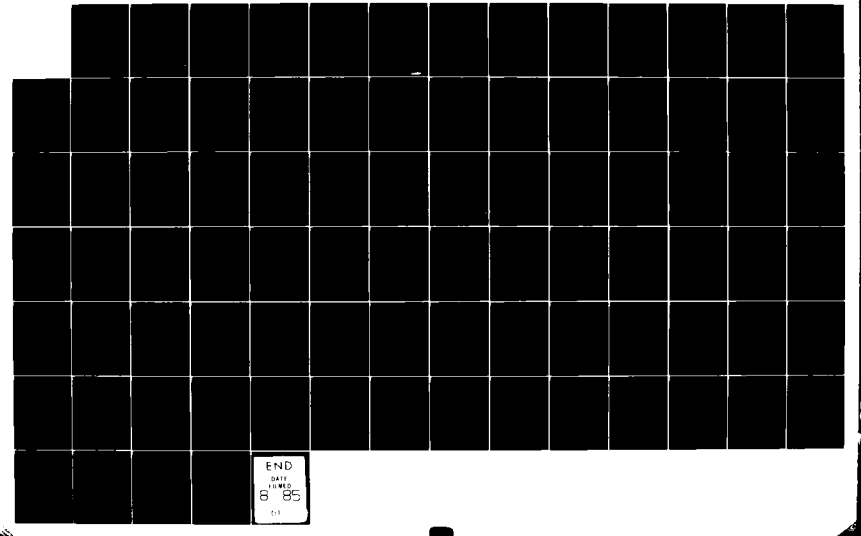
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

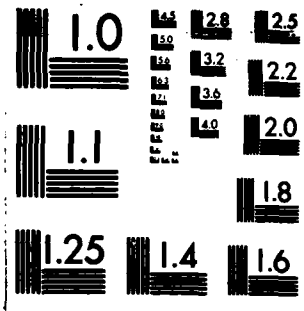
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	[illegible]	41.[illegible]			27.[illegible]						17.7	13.1	[illegible].1	[illegible]
	[illegible]	34.7			27.[illegible]						16.[illegible]	23.[illegible]	4.5	[illegible]
	[illegible]	21.[illegible]			27.7						19.7	31.3	6.7	[illegible]
	[illegible]	24.7			21.[illegible]						25.[illegible]	28.1	5.[illegible]	[illegible]
	1[illegible]	17.[illegible]			27.4						32.[illegible]	27.1	[illegible].5	[illegible]
	1[illegible]	17.[illegible]			31.[illegible]						31.[illegible]	20.2	[illegible].2	[illegible]
	1[illegible]	14.5			31.[illegible]						32.3	22.3	[illegible].1	[illegible]
	[illegible]1	25.[illegible]			33.5						[illegible].[illegible]	21.[illegible]	[illegible].[illegible]	[illegible]
TOTALS		24.[illegible]			27.[illegible]						28.[illegible]	24.5	[illegible].5	[illegible]

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AD A150 396 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
GLENVIEW ILLINOIS(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

SKY COVER

14855 GLENVIEW, IL 73-82 AUG

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00	31.6			25.2						16.5	26.8	4.9	310
	03	30.3			25.8						18.7	25.2	5.0	310
	06	14.2			31.6						27.1	27.1	6.1	310
	09	13.5			29.4						24.8	32.3	6.3	310
	12	9.4			26.1						36.8	27.7	6.9	310
	15	9.4			27.4						33.9	29.4	6.8	310
	18	11.6			27.1						33.5	27.7	6.6	310
	21	25.2			29.7						19.7	25.5	5.2	310
TOTALS		18.2			27.8						26.4	27.7	6.0	2480

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SKY COVER

14855 GLENVIEW, IL 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	36.3			22.0						15.7	26.0	4.7	300
	03	38.7			17.3						15.0	29.0	4.8	300
	06	20.0			28.3						21.0	30.7	5.8	300
	09	19.0			28.0						24.3	28.7	5.9	300
	12	14.0			26.3						32.3	27.3	6.4	300
	15	15.7			28.0						27.0	29.3	6.2	300
	18	18.7			30.3						24.7	26.3	5.8	300
	21	36.0			23.0						15.0	26.0	4.6	300
TOTALS		24.8			25.4						21.9	27.9	5.5	2400

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SKY COVER

14855 GLENVIEW, IL 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	39.4			14.2						12.9	33.5	4.9	310
	03	38.4			17.7						13.5	30.3	4.8	310
	06	21.0			29.7						20.0	29.4	5.6	310
	09	20.0			23.2						24.5	32.3	6.1	310
	12	15.5			22.3						29.7	32.6	6.6	310
	15	14.2			25.2						25.2	35.5	6.6	310
	18	22.3			18.7						22.3	36.8	6.2	310
	21	33.2			17.7						16.5	32.6	5.3	310
TOTALS		25.5			21.1						20.6	32.9	5.8	2480

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SKY COVER

14855 GLENVIEW, IL 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	26.7			12.0						12.3	49.0	6.4	300
	03	27.7			13.7						11.0	47.7	6.2	300
	06	22.3			17.0						13.0	47.7	6.4	300
	09	13.3			21.3						16.7	48.7	7.0	300
	12	11.7			20.7						22.3	45.3	7.2	300
	15	11.7			15.3						24.3	48.7	7.5	300
	18	17.0			15.3						19.0	48.7	7.0	300
	21	21.3			12.3						16.3	50.0	6.8	300
TOTALS		19.0			16.0						16.9	48.2	6.8	2400

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SKY COVER

14855 GLENVIEW, IL 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	20.6			12.3						11.0	56.1	7.0	310
	03	22.9			10.3						13.2	53.5	6.9	310
	06	21.3			14.5						10.0	54.2	6.8	310
	09	11.6			14.2						17.4	56.8	7.7	310
	12	9.4			13.9						23.9	52.9	7.9	310
	15	7.7			15.8						22.6	53.9	7.9	310
	18	14.9			18.8						13.9	52.4	7.1	309
	21	22.0			11.0						11.7	55.3	6.9	309
TOTALS		16.3			13.9						15.5	54.4	7.3	2478

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SKY COVER

14855 GLENVIEW, IL 73-82 ALL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	22.6			12.3						14.8	50.3	6.7	2462
FEB		19.4			15.8						16.5	48.4	6.8	2256
MAR		18.7			15.0						17.0	49.3	6.9	2480
APR		20.7			15.8						19.3	44.2	6.7	2400
MAY		20.9			20.6						21.3	37.2	6.2	2480
JUN		19.8			23.3						26.5	30.5	6.1	2400
JUL		24.0			27.0						24.6	24.5	5.5	2480
AUG		18.2			27.8						26.4	27.7	6.0	2480
SEP		24.8			25.4						21.9	27.9	5.5	2400
OCT		25.5			21.1						20.6	32.9	5.8	2480
NOV		19.0			16.0						16.9	48.2	6.8	2400
DEC		16.3			13.9						15.5	54.4	7.3	2478
TOTALS		20.8			19.5						20.1	39.6	6.4	29216

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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 computation for each element is also shown.

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

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

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

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

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

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

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

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



DAILY TEMPERATURES

[illegible] STATION | GLENVIEW, IL STATION NAME | 45-c? YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 100						.3	.4	.3	.2				.1
≥ 95						1.9	4.3	3.4	1.1				.9
≥ 90				.1	2.1	13.1	18.3	14.7	4.8				4.5
≥ 85				1.0	9.1	29.7	40.2	33.7	13.7	1.4			19.9
≥ 80			.1	4.3	20.3	47.5	65.8	57.0	28.2	6.5			19.5
≥ 75			1.0	9.3	33.1	65.4	85.4	81.3	45.2	14.8	.3		29.4
≥ 70		.1	2.9	20.1	46.0	79.7	96.1	94.3	65.1	26.9	2.5	.1	36.6
≥ 65	.1	.4	6.5	30.1	59.9	89.4	99.1	99.3	83.8	42.5	7.7	.4	43.7
≥ 60	.5	1.2	11.8	41.5	73.5	95.7	100.0	100.0	94.5	60.1	15.6	2.5	50.2
≥ 55	1.9	3.3	18.2	54.1	84.7	98.9			99.1	76.5	27.1	5.7	56.3
≥ 50	4.6	7.8	28.2	67.9	94.5	99.8			99.9	90.0	41.0	9.3	62.3
≥ 45	8.8	14.7	39.6	82.9	98.6	100.0			100.0	96.3	55.4	16.0	68.1
≥ 40	16.7	25.3	57.1	94.7	100.0					99.2	72.5	29.1	74.9
≥ 35	34.9	46.1	76.8	98.6						100.0	85.5	51.7	83.0
≥ 30	55.6	67.0	90.1	99.7							94.9	72.0	90.1
≥ 25	69.0	81.6	97.4	100.0							98.0	84.4	94.2
≥ 20	79.3	90.6	99.5								99.3	92.2	97.8
≥ 15	86.9	94.6	99.9								99.6	96.3	98.1
≥ 10	93.1	97.6	100.0								99.9	98.7	99.1
≥ 5	96.8	99.2									100.0	99.7	99.6
≥ 0	99.4	99.9										100.0	99.9
≥ -5	99.7	100.0											100.0
≥ -10	100.0												100.0
MEAN	29.7	33.5	43.4	57.1	68.1	78.2	82.4	81.2	73.7	62.7	47.0	34.8	57.6
S.D.	12.226	10.948	12.037	12.457	11.910	9.908	7.382	7.419	9.233	10.501	11.591	11.022	21.570
TOTAL OBS.	1147	1036	1115	1110	1177	1140	1178	1147	1090	1147	1106	1177	13570

NAVWEASERVCOM

DAILY TEMPERATURES

16 55 | GLENVIEW, TL | 45-82 | MINIMUM

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
≥ [illegible]							.1						.0
≥ 75						1.3	2.8	2.6	.2				.6
≥ 70				.1	1.1	8.0	17.2	14.5	4.1	.3			7.9
≥ 65				.5	5.1	24.4	48.0	44.1	14.2	1.8			11.7
≥ 60				2.9	11.9	45.1	78.9	73.5	32.9	5.5	.1		21.2
≥ 55			.3	5.0	21.5	67.1	94.4	91.1	53.0	14.6	1.9	.3	29.5
≥ 50			1.3	11.1	40.4	88.2	99.6	98.5	75.5	27.8	5.4	.6	37.8
≥ 45	.3	.3	4.3	23.2	64.9	97.5	99.9	100.0	90.6	47.4	11.2	1.6	45.6
≥ 40	.8	1.4	9.9	44.1	86.3	99.5	100.0		97.7	69.7	22.5	3.4	52.4
≥ 35	3.9	5.5	21.4	68.7	97.5	99.8			99.6	86.5	38.5	9.0	61.3
≥ 30	13.5	20.3	47.3	89.1	99.9	100.0			100.0	96.4	63.5	25.5	71.6
≥ 25	28.0	36.8	67.3	97.2	100.0					99.4	79.0	43.2	79.5
≥ 20	40.6	53.7	81.5	99.4						100.0	90.3	60.0	85.6
≥ 15	52.4	65.0	91.0	99.9							95.6	71.2	89.7
≥ 10	63.0	76.1	96.9	100.0							98.1	83.4	93.2
≥ 5	73.7	85.3	98.7								99.0	90.1	95.6
≥ 0	84.3	91.8	99.6								99.5	95.1	97.5
≥ 5-	92.6	97.1	99.9								100.0	98.2	99.0
≥ 10-	96.8	99.5	100.0									99.6	99.7
≥ 15-	99.0	99.9										100.0	99.9
≥ 20-	99.9	100.0											100.0
≥ 25-	100.0												100.0
MEAN	14.*	1*.6	28.0	3*.0	48.4	5*.5	64.1	63.2	55.4	44.4	32.3	21.2	43.6
S. D.	13.344	11.934	9.548	8.536	8.382	7.624	5.725	6.080	8.076	8.907	10.327	11.743	19.431
TOTAL OBS.	1147	1036	1115	1115	1177	1140	1178	1147	1090	114*	1106	1177	13570

NAVWEASERVCOM

DAILY TEMPERATURES

14.55 GLENVIEW, IL 45-[illegible]
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]EAR

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]						.1	.1						.0
≥ [illegible]						.9	3.2	2.9	.4				.8
≥ [illegible]					1.5	9.5	16.0	12.3	3.7				3.4
≥ 75				.6	4.9	27.5	45.0	38.1	13.3	1.2			11.1
≥ 70				2.3	15.1	47.4	72.9	67.7	28.5	4.9			20.2
≥ 65			.2	6.1	27.2	68.7	93.5	89.3	50.4	13.1	.6		29.5
≥ 60			1.6	14.6	42.8	84.0	99.2	98.8	73.6	26.2	3.4	.2	37.5
≥ 55		.2	4.8	27.6	63.4	95.7	100.0	100.0	90.4	46.6	8.6	.8	45.3
≥ 50	.6	1.1	10.8	42.5	80.4	99.5			97.9	66.4	18.3	3.0	52.2
≥ 45	1.7	3.3	18.1	60.5	93.6	99.8			99.8	84.3	31.3	5.6	58.7
≥ 40	5.3	9.6	33.7	80.1	99.1	100.0			100.0	95.2	51.1	12.2	65.9
≥ 35	14.3	22.6	52.9	94.7	100.0					99.1	70.2	26.7	73.7
≥ 30	30.7	42.8	74.7	98.6						99.9	85.2	48.4	81.9
≥ 25	47.5	59.9	87.9	99.6						100.0	93.5	67.3	88.1
≥ [illegible]	61.2	73.8	95.5	100.0							97.2	80.0	92.4
≥ 15	72.1	84.2	98.7								98.7	88.9	95.3
≥ 10	82.5	92.8	99.8								99.6	93.5	97.4
≥ [illegible]	89.9	96.4	99.9								99.8	97.9	98.7
≥ [illegible]	95.1	98.5	100.0								100.0	99.3	99.4
≥ 5-	98.6	100.0										99.9	99.9
≥ 10-	99.6											100.0	100.0
≥ 15-	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	2.1	26.3	36.[illegible]	48.3	58.5	68.6	73.5	72.4	64.8	53.8	39.9	28.3	49.4
S.D.	12.357	10.941	10.170	9.863	9.533	8.260	5.959	6.188	8.011	9.069	10.478	10.914	20.220
TOTAL OBS.	1147	1036	1115	1110	1177	1140	1178	1147	1090	1147	1106	1177	13570

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
1[illegible]55	[illegible]LEN IEH, IL	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	23.[illegible]	-4.7	29.8	-1.2	4[illegible]	8.9	1950	17.4	-8.1	-11	-23.9	1968
2	25.1	-3.8	31.1	-.5	5[illegible]	15.[illegible]	1950	19.1	-7.2	-13	-25.0	1979
3	23.[illegible]	-4.6	3[illegible].9	-.6	59	15.[illegible]	1950	16.6	-8.6	-11	-23.9	1979
4	[illegible]0.3	-6.5	27.2	-2.7	46	7.8	1946	13.4	-1[illegible].3	-7	-21.7	1981
5	22.[illegible]	-5.3	29.9	-1.2	54	12.2	1946	14.8	-9.6	-9	-22.2	1979
6	23.1	-4.9	30.1	-1.1	4[illegible]	8.9	1965*	16.1	-8.8	-8	-22.2	1979
7	[illegible]1.1	-6.1	27.9	-2.3	56	13.3	1965	14.3	-9.8	-12	-24.4	1966
8	[illegible]1.[illegible]	-6.1	29.0	-1.7	61	16.1	1965	13.1	-1[illegible].5	-11	-23.9	1976
9	[illegible]1.0	-6.1	27.8	-2.3	4[illegible]	9.4	1972	14.1	-9.9	-2[illegible]	-28.9	1982
10	[illegible].	-6.3	28.6	-1.9	60	15.6	1975	12.6	-1[illegible].8	-23	-3[illegible].6	1982
11	.1	-6.6	26.2	-2.1	55	12.8	1980	11.[illegible]	-11.2	-12	-24.4	1979*
12	1.[illegible]	-5.7	29.2	-1.6	5[illegible]	14.4	1960	14.1	-9.9	-11	-23.[illegible]	1974
13	23.[illegible]	-4.6	[illegible]1.4	-.3	54	12.2	1961	16.2	-8.8	-6	-21.1	1963
14	23.[illegible]	-4.7	3[illegible].6	-.8	5[illegible]	11.7	1952	16.7	-8.5	-12	-24.4	1979
15	[illegible]2.1	-5.5	[illegible].1	-1.1	5[illegible]	15.[illegible]	1949	14.1	-9.9	-16	-26.7	1979
16	1[illegible].	-6.9	27.5	-2.5	56	13.3	1949	11.6	-11.3	-[illegible]0	-28.9	1982
17	[illegible].1	-6.6	27.8	-2.3	5[illegible]	14.4	1973	12.5	-1[illegible].8	-18	-27.8	1982
18	[illegible]2.[illegible]	-5.1	30.5	-.8	5[illegible]	13.3	1973	15.1	-9.4	-11	-23.9	1967
19	2[illegible].	-4.6	31.5	-.3	51	10.6	1973	16.1	-8.8	-6	-21.1	197[illegible]
20	2[illegible].4	-4.8	31.0	-.6	46	7.8	1967	15.7	-9.1	-9	-22.8	1963
21	23.[illegible]	-4.6	[illegible]0.4	-.9	5[illegible]	13.3	1957	17.1	-8.3	-15	-26.1	1963
22	22.[illegible]	-5.0	30.8	-.7	55	12.[illegible]	1967*	15.2	-9.3	-10	-23.3	197[illegible]
23	2.3	-5.4	[illegible].4	-.9	6[illegible]	15.6	1967	14.2	-9.9	-1[illegible]	-27.8	1963
24	2[illegible].2	-4.3	32.5	.3	64	17.8	1967*	15.9	-8.9	-12	-24.4	1963
25	2[illegible].5	-4.2	32.2	.1	67	19.4	1950	16.9	-8.4	-7	-21.7	1963
26	21.[illegible]	-5.8	29.[illegible]	-1.7	59	15.[illegible]	1973	14.[illegible]	-10.0	-9	-[illegible]2.8	1982
27	19.[illegible]	-6.9	26.6	-3.0	4[illegible]	8.9	1947	12.5	-1[illegible].8	-11	-23.9	1955
28	1[illegible].4	-7.0	27.2	-2.7	51	10.6	1970	11.5	-11.4	-16	-26.7	1977
29	1[illegible].9	-7.3	26.5	-3.1	51	10.6	1968	11.4	-11.4	-17	-27.2	1966
30	[illegible]7.[illegible]	-7.8	25.9	-3.4	54	12.2	1974	9.9	-12.3	-2[illegible]	-28.9	1951
31	[illegible].9	-6.7	28.[illegible]	-2.[illegible]	50	10.0	1968	11.8	-11.2	-6	-21.1	1971
Monthly	[illegible]1.[illegible]	-5.6	29.3	-1.5	67	19.[illegible]	1950	14.4	-9.8	-23	-30.6	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1[illegible]55	[illegible]LEW[illegible]IEW, IL	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	[illegible]1.	-5.7	29.2	-1.6	55	12.8	1968	14.4	-9.8	-9	-22.8	1951
2	1[illegible].[illegible]	-6.[illegible]	27.4	-2.6	48	8.9	1973	11.7	-11.3	-16	-26.7	1951
3	[illegible].4	-6.4	27.8	-2.3	45	7.2	1973	13.0	-10.6	-8	-22.2	197[illegible]
4	[illegible]2.4	-5.3	[illegible]1.3	-.4	53	11.7	1973	13.4	-10.3	-4	-20.0	1979*
5	[illegible].[illegible]	-4.5	[illegible]1.8	-.1	56	13.3	1946	16.0	-8.9	-10	-23.3	1979
6	[illegible]3.[illegible]	-4.9	[illegible].3	-.9	50	10.0	1964	15.9	-8.9	-14	-25.6	1982
7	[illegible]1.[illegible]	-5.8	29.0	-1.7	48	8.9	1965	14.1	-9.9	-7	-21.7	1972*
8	[illegible]2.3	-5.4	29.0	-1.7	52	11.1	1966	15.5	-9.2	-11	-23.9	1951
9	[illegible]2.[illegible]	-5.1	30.6	-.8	56	13.3	1966	15.0	-9.4	-12	-24.4	1951
10	[illegible].[illegible]	-4.4	32.0	.0	58	14.4	1976	16.1	-8.8	-13	-25.0	1982
11	[illegible]0.[illegible]	-4.6	31.0	-.6	56	13.3	1977	16.6	-8.6	-8	-22.2	1955
12	[illegible].4	-3.1	33.5	.8	55	12.8	1976	19.4	-7.0	-8	-22.2	1981*
13	[illegible].4	-3.1	33.5	.8	50	10.0	1954	19.3	-7.1	-5	-20.6	1955
14	[illegible]7.[illegible]	-2.7	34.4	1.3	59	15.0	1954	20.0	-6.7	0	-17.8	1963*
15	[illegible]7.1	-2.7	34.5	1.4	66	18.9	1954	19.7	-6.8	-4	-20.0	1946
16	[illegible].4	-3.1	33.[illegible]	.6	55	12.8	1981	19.8	-6.8	-[illegible]	-22.2	1956
17	[illegible]7.[illegible]	-2.7	34.5	1.4	59	15.[illegible]	1981	19.9	-6.7	-8	-22.2	1958
18	[illegible].[illegible]	-1.2	37.3	2.9	6[illegible]	15.6	1961	22.3	-5.4	-3	-19.4	1958
19	[illegible]7.6	-2.4	34.6	1.4	63	17.2	1981	20.6	-6.3	-3	-19.4	1979
20	[illegible].1	-2.7	35.4	1.9	57	13.9	1954	18.7	-7.4	-3	-19.4	1966
21	[illegible]7.[illegible]	-2.5	35.0	1.7	55	12.8	1961	20.0	-6.7	-7	-21.7	1963
22	[illegible]7.8	-2.3	35.6	2.0	51	10.6	1981*	20.1	-6.6	-6	-21.1	1963
23	[illegible].0	-1.1	36.6	2.6	61	16.1	1977	23.5	-4.7	5	-15.[illegible]	1967*
24	[illegible].[illegible]	-.6	37.8	3.2	63	17.2	1976	24.3	-4.3	-6	-21.1	1967
25	[illegible].[illegible]	-1.3	36.5	2.5	66	18.9	1976	22.7	-5.2	-7	-21.7	1967
26	[illegible].[illegible]	-1.2	[illegible].1	3.4	6[illegible]	15.6	1976	21.5	-5.8	-1	-18.3	1963
27	30.[illegible]	-.8	38.0	3.3	72	22.2	1976	23.3	-4.8	1	-17.2	1950
28	[illegible].0	-.6	38.6	3.7	57	13.9	1974*	23.5	-4.7	-1	-18.3	1962
29	[illegible].9	-1.7	37.4	3.0	64	17.8	1972	20.3	-6.5	-2	-18.9	1980
30												
31												
Monthly	[illegible].[illegible]	-3.3	33.5	.8	72	22.2	1976	18.6	-7.4	-16	-26.7	1951

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1 · 55 | GLENVIEW, IL | 1946-1982 | 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	[illegible]	-.7	38.6	3.7	6[illegible]	15.6	1972	23.0	-5.0	-9	-22.8	1962
2	[illegible]1.4	-.3	38.1	3.4	6[illegible]	20.6	1974	24.6	-4.1	-1	-18.3	1950
3	[illegible]3.2	.7	40.6	4.8	77	25.[illegible]	1974	25.9	-3.4	8	-13.3	1950
4	[illegible]2.3	.2	39.9	4.4	58	14.4	1968	24.8	-4.0	4	-15.6	1978
5	[illegible]0.[illegible]	-.7	38.0	3.3	59	15.[illegible]	1946	23.7	-4.6	-1	-18.3	1978
6	[illegible]2.1	.1	39.4	4.1	66	18.9	1951	24.8	-4.0	1	-17.2	1960
7	[illegible]1.[illegible]	-.4	38.2	3.4	64	17.8	1973	24.4	-4.2	4	-15.6	1965*
8	[illegible]0.[illegible]	-.6	38.5	3.6	68	20.0	1977	23.3	-4.8	2	-16.7	1982
9	[illegible]1.[illegible]	-.1	38.9	3.8	67	19.4	1977	24.8	-4.0	9	-12.8	1982
10	[illegible]3.2	.7	40.3	4.6	69	20.6	1955	26.2	-3.2	7	-13.9	1948
11	34.7	1.5	41.5	5.3	73	22.8	1972	27.8	-2.3	5	-15.0	1979*
12	[illegible]5.4	1.9	42.9	6.1	67	19.4	1977	27.9	-2.3	-2	-18.9	1948
13	34.5	1.4	41.6	5.3	7[illegible]	21.1	1957	27.4	-2.6	10	-12.2	1948
14	[illegible]6.[illegible]	2.3	43.5	6.4	72	22.2	1973	28.9	-1.7	11	-11.7	1960
15	[illegible]5.2	1.8	43.0	6.1	72	22.2	1977	27.5	-2.5	11	-11.7	1970
16	[illegible]5.4	1.9	43.4	6.3	64	17.8	1964	27.4	-2.6	16	-8.9	1970
17	34.[illegible]	1.4	43.2	6.2	73	22.8	1966	26.0	-3.3	11	-11.7	1967
18	[illegible]6.3	2.4	44.1	6.7	72	22.2	1969	28.5	-1.9	10	-12.2	1965
19	[illegible]7.1	3.4	44.9	7.2	76	24.4	1976	31.3	-.4	9	-12.8	1965
20	37.7	3.2	45.6	7.6	71	21.7	1976	29.9	-1.2	4	-15.6	1965
21	[illegible]7.1	3.4	45.8	7.7	74	23.3	1953	30.4	-.9	9	-12.8	1965
22	36.9	2.7	44.8	7.1	62	16.7	1979	29.0	-1.7	16	-8.9	1959*
23	[illegible]8.1	3.4	46.8	8.2	69	20.6	1963	29.4	-1.4	14	-10.0	1965
24	37.0	2.8	44.5	6.9	74	23.3	1959	29.5	-1.4	7	-13.9	1974
25	37.0	2.8	45.1	7.3	75	23.9	1967	28.8	-1.8	9	-12.8	1960
26	38.[illegible]	3.6	46.5	8.1	77	25.0	1976	30.6	-.8	11	-11.7	1955
27	[illegible]9.8	4.3	48.2	9.0	74	23.3	1968	31.4	-.3	6	-14.4	1965
28	41.7	5.4	49.9	9.9	79	26.1	1968	33.4	.8	12	-11.1	1970
29	40.6	4.8	48.9	9.4	79	26.1	1963	32.3	.2	15	-9.4	1969
30	40.7	4.8	49.8	9.9	77	25.0	1967	31.6	-.2	11	-11.7	1969*
31	42.9	5.9	50.9	10.5	84	28.9	1981	34.3	1.3	12	-11.1	1969
Monthly	35.7	2.1	43.4	6.3	84	28.9	1981	28.0	-2.2	-9	-22.8	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1?55	GLENVIEW, IL	1945-1982	APRIL
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	43.1	6.6	62.6	11.4	83	28.3	1946	35.2	1.8	22	-5.6	1954
2	44.2	6.8	62.8	11.6	80	26.7	1963	35.6	2.0	22	-5.6	1961
3	42.3	5.7	60.7	10.4	80	26.7	1956	33.9	1.1	16	-8.9	1954
4	41.7	4.9	49.0	9.4	70	21.1	1981	32.6	.3	16	-8.9	1982
5	42.9	5.9	51.8	11.0	72	22.2	1956	33.4	.8	19	-7.2	1982
6	44.2	6.8	53.4	11.9	72	22.2	1956*	35.1	1.7	15	-9.4	1982
7	45.0	7.2	54.7	12.6	73	22.8	1978	35.3	1.8	11	-11.7	1982
8	42.4	5.8	50.5	10.3	78	25.6	1971	34.3	1.3	24	-4.4	1982*
9	43.3	6.2	52.0	11.1	76	24.4	1952*	34.4	1.3	24	-4.4	1974*
10	44.5	6.9	53.2	11.8	84	28.9	1977	35.9	2.2	23	-5.0	1960
11	46.3	7.9	54.5	12.5	84	28.9	1977	38.1	3.4	26	-3.3	1973*
12	47.2	8.4	56.6	13.7	88	31.1	1971	37.7	3.2	21	-6.1	1955
13	47.3	8.8	57.4	14.1	80	26.7	1977	38.3	3.5	20	-6.7	1955
14	48.3	8.9	56.9	13.8	81	27.2	1976	39.1	3.9	25	-3.9	1957
15	48.9	9.4	58.5	14.7	83	28.3	1976	39.3	4.1	28	-2.2	1962*
16	51.9	10.8	61.4	16.3	85	29.4	1976	41.6	5.3	25	-3.9	1962
17	52.0	11.1	62.6	17.0	86	30.0	1976	41.5	5.3	29	-1.7	1953
18	50.9	10.5	60.0	15.6	85	29.4	1977	41.8	5.4	27	-2.8	1953
19	50.4	10.2	59.6	15.3	82	27.8	1958	41.3	5.2	28	-2.2	1956
20	51.2	10.7	60.1	15.6	80	26.7	1974	42.2	5.7	27	-2.8	1956
21	53.3	11.8	63.1	17.3	81	27.2	1946	43.5	6.4	29	-1.7	1959
22	52.6	11.4	62.4	16.9	91	32.9	1980	42.8	6.0	30	-1.1	1959
23	51.6	10.9	61.0	16.1	86	30.0	1960	42.1	5.6	28	-2.2	1956
24	48.9	9.9	58.1	14.5	84	28.9	1960	41.8	5.4	28	-2.2	1967*
25	51.1	10.6	60.1	15.6	85	29.4	1962	42.2	5.7	29	-1.7	1967
26	50.6	10.3	59.6	15.3	87	30.6	1962	41.6	5.3	31	-.6	1976*
27	51.3	10.7	60.3	15.7	84	28.9	1977*	42.4	5.8	28	-2.2	1946
28	49.9	9.9	57.9	14.4	83	28.3	1951	42.3	5.6	32	.0	1976*
29	51.4	10.9	61.0	16.1	85	29.4	1970	42.3	5.7	30	-1.1	1977*
30	52.3	11.6	62.4	16.9	85	29.4	1962	43.5	6.4	34	1.1	1979*
31												
Monthly	48.1	8.9	57.1	13.9	91	32.8	1980	39.0	3.9	11	-11.7	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]55	GLENVIEW, IL	1945-1982	MAY

	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	54.7	12.6	65.7	18.7	88	31.1	1952	43.8	6.6	31	-.6	1963
2	54.4	12.4	64.3	17.9	90	32.2	1959	44.5	6.9	34	1.1	1978*
3	54.9	12.7	64.7	18.2	88	31.1	1955*	44.9	7.2	32	.0	1954
4	55.4	13.0	65.2	18.4	89	31.7	1952*	45.7	7.6	31	-.6	1954
5	57.4	14.1	67.2	19.6	92	33.3	1949	47.5	8.6	33	.6	1968
6	55.6	13.1	65.7	18.7	89	31.7	1949	45.5	7.5	34	1.1	1954
7	52.5	11.4	61.2	16.2	84	28.9	1965*	43.8	6.6	32	.0	1974
8	55.0	12.8	64.1	17.8	89	31.7	1979*	45.9	7.7	32	.0	1948*
9	54.1	12.3	62.9	17.2	90	32.2	1979	45.2	7.3	30	-1.1	1966
10	53.9	12.2	62.7	17.1	89	31.7	1979	45.2	7.3	28	-2.2	1966
11	55.1	12.8	64.9	18.3	88	31.1	1982	45.3	7.4	33	.6	1966
12	56.3	13.4	66.0	18.9	90	32.2	1956	46.3	7.9	33	.6	1981
13	56.9	13.8	67.2	19.6	88	31.1	1977	46.3	7.9	36	2.2	1953
14	57.8	14.3	67.2	19.6	90	32.2	1982	48.4	9.1	36	2.2	1973
15	58.6	14.8	68.7	20.4	88	31.1	1971*	48.5	9.2	39	3.9	1959*
16	58.1	14.5	68.0	20.0	91	32.8	1962	48.1	8.9	37	2.8	1956
17	57.5	14.2	66.4	19.1	94	34.4	1971	48.6	9.2	38	3.3	1973
18	61.1	16.2	71.5	21.9	92	33.3	1962	50.8	10.4	37	2.8	1955
19	61.1	16.2	71.7	22.1	93	33.9	1975	50.4	10.2	38	3.3	1948
20	60.3	15.7	71.0	21.7	90	32.2	1977	49.6	9.8	41	5.0	1956
21	60.6	15.9	71.3	21.8	88	31.1	1977*	49.9	9.9	39	3.9	1954
22	60.4	15.8	70.4	21.3	92	33.3	1956	50.3	10.2	40	4.4	1967*
23	59.6	15.3	68.7	20.4	89	31.7	1977*	50.6	10.3	36	2.2	1963
24	61.4	16.3	71.6	22.0	91	32.8	1950	51.2	10.7	37	2.8	1956
25	61.8	16.6	71.9	22.2	86	30.0	1953*	51.7	10.9	40	4.4	1976*
26	61.1	16.2	70.4	21.3	94	34.4	1967	51.7	10.9	35	1.7	1961
27	61.1	16.2	70.9	21.6	89	31.7	1978	51.2	10.7	36	2.2	1961
28	60.6	15.9	70.1	21.2	93	33.9	1969	51.0	10.6	39	3.9	1949
29	61.9	16.6	71.7	22.1	90	32.2	1962	52.0	11.1	38	3.3	1965*
30	62.8	17.1	73.1	22.8	92	33.3	1953	52.6	11.4	40	4.4	1947*
31	64.3	17.9	75.2	24.0	88	31.1	1953	53.5	11.9	42	5.6	1972
Monthly	58.2	14.6	68.1	20.1	94	34.4	1971*	48.4	9.1	28	-2.2	1966

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1155	GLENVIEW, IL	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	63.1	17.3	72.6	22.6	91	32.9	1951	53.5	11.9	43	6.1	1946
2	62.2	16.8	71.7	22.1	91	32.8	1972*	52.8	11.6	40	4.4	1956
3	63.1	17.2	73.4	23.1	93	33.9	1972	52.6	11.4	37	2.8	1945
4	66.1	18.9	77.3	25.2	94	34.4	1953	54.9	12.7	34	1.1	1945
5	66.5	19.3	77.1	25.1	97	36.1	1971	56.4	13.6	34	1.1	1945
6	67.1	19.4	77.1	25.1	95	35.0	1971	56.9	13.8	44	6.7	1958*
7	67.8	19.9	77.8	25.4	90	32.2	1982*	57.9	14.4	44	6.7	1977
8	67.2	19.6	76.6	24.8	93	33.9	1979*	57.7	14.3	45	7.2	1969
9	66.7	19.3	76.6	24.8	95	35.0	1968	56.7	13.7	42	5.6	1977*
10	67.6	19.8	78.4	25.8	95	35.0	1968	56.8	13.8	42	5.6	1977*
11	68.8	20.4	79.6	26.4	93	33.9	1954	58.1	14.5	38	3.3	1972
12	68.1	20.1	77.4	25.2	96	35.6	1956	58.9	14.9	48	8.9	1955*
13	67.1	19.5	76.6	24.8	95	35.1	1956	57.7	14.3	45	7.2	1946
14	67.1	19.5	76.2	24.6	93	33.9	1976	57.9	14.4	45	7.2	1946
15	66.7	19.3	75.9	24.4	94	34.4	1967	57.4	14.1	47	8.3	1951*
16	67.3	19.6	77.0	25.0	93	33.9	1952	57.6	14.2	45	7.2	1947
17	67.5	19.7	77.5	25.3	93	33.9	1957	57.5	14.2	46	7.8	1980*
18	68.5	20.3	78.1	25.6	93	33.9	1962*	59.1	15.1	46	7.8	1958
19	68.6	20.3	78.6	25.9	101	38.3	1953	58.6	14.8	49	9.4	1980
20	68.7	20.4	78.4	25.8	102	38.9	1953	59.0	15.0	44	6.7	1948
21	68.6	20.3	78.1	25.6	94	34.4	1954	59.2	15.1	45	7.2	1963
22	69.1	20.6	78.8	26.0	95	35.0	1965	59.3	15.2	42	5.6	1963
23	69.2	20.7	78.6	25.9	95	35.0	1968	59.9	15.5	45	7.2	1972
24	70.3	21.4	80.2	26.8	94	34.4	1956	60.9	16.1	48	8.9	1972
25	69.9	21.1	80.0	26.7	98	36.7	1954	59.8	15.4	46	7.8	1979
26	71.7	22.1	81.8	27.7	96	35.6	1964	61.6	16.4	50	10.0	1945
27	72.5	22.7	82.7	28.2	96	35.6	1971	62.9	17.2	52	11.1	1970*
28	74.1	23.3	83.8	28.8	99	37.2	1971	64.3	17.9	55	12.8	1956*
29	74.1	23.4	84.2	29.0	100	37.8	1964	64.1	17.8	52	11.1	1951*
30	73.7	23.2	83.0	28.3	99	37.2	1953	64.3	17.9	51	10.6	1965
31												
Monthly	68.3	20.2	78.2	25.7	102	38.9	1953	58.5	14.7	34	1.1	1945

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1 55	LEN VIEW, IL	1945-1982	JULY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	72.3	22.7	83.3	28.5	99	37.2	1956	62.6	17.0	41	5.0	1982
2	72.4	22.4	82.4	28.0	99	37.2	1970	62.3	16.8	52	11.1	1959
3	71.4	21.9	80.4	26.9	98	36.7	1974*	62.3	16.8	51	10.6	1968*
4	71.3	21.8	80.2	26.8	96	35.6	1955	62.5	16.9	50	10.0	1972
5	71.2	21.8	80.7	27.1	95	35.0	1977*	61.8	16.6	47	8.3	1972
6	71.1	21.7	81.0	27.2	95	35.0	1977	61.3	16.3	52	11.1	1979*
7	73.2	22.9	82.9	28.3	100	37.8	1980	63.4	17.4	53	11.7	1959
8	73.0	22.8	82.1	27.8	96	35.6	1974*	63.9	17.7	51	10.6	1954
9	72.0	22.2	81.3	27.4	97	36.1	1974	62.7	17.1	53	11.7	1961*
10	72.2	22.3	81.7	27.6	97	36.1	1976*	62.6	17.0	52	11.1	1953*
11	73.1	22.8	82.9	28.3	95	35.0	1966	63.4	17.4	50	10.0	1945
12	74.5	23.6	84.5	29.2	98	36.7	1966	64.6	18.1	55	12.8	1975*
13	73.8	23.2	82.9	28.3	97	36.1	1974	64.6	18.1	53	11.7	1975*
14	73.9	23.1	82.4	28.0	97	36.1	1976*	64.6	18.1	51	10.6	1950
15	73.1	22.8	81.8	27.7	98	36.7	1980	64.4	18.0	52	11.1	1967*
16	73.7	23.2	83.6	28.7	96	35.6	1969	63.9	17.7	45	7.2	1945
17	74.3	23.5	83.6	28.7	95	35.0	1964	65.1	18.4	53	11.7	1945
18	74.6	23.7	83.4	28.6	100	37.8	1946	65.9	18.8	55	12.8	1979
19	73.7	23.2	82.1	27.8	95	35.0	1977	65.3	18.5	54	12.2	1947
20	73.8	23.2	82.8	28.2	101	38.3	1980	64.8	18.2	54	12.2	1970*
21	73.8	23.2	82.4	28.0	97	36.1	1972	65.2	18.4	50	10.0	1947
22	74.1	23.4	82.6	28.1	97	36.1	1965	65.6	18.7	46	7.8	1947
23	73.1	22.8	81.3	27.4	94	34.4	1976	64.8	18.2	50	10.0	1947
24	74.3	23.4	83.4	28.6	101	38.3	1945	64.9	18.3	57	13.9	1947
25	74.0	23.3	83.3	28.5	94	34.4	1966	64.7	18.2	56	13.3	1946
26	74.3	23.5	83.4	28.6	98	36.7	1955	65.2	18.4	52	11.1	1962
27	75.0	23.9	84.2	29.0	101	38.3	1955	65.8	18.8	54	12.2	1971
28	73.6	23.1	82.1	27.8	94	34.4	1964	65.1	18.4	56	13.3	1972
29	73.0	22.8	82.1	27.8	94	34.4	1953	63.9	17.7	54	12.2	1981
30	73.5	23.1	82.6	28.1	96	35.6	1947	64.3	17.9	54	12.2	1971
31	73.1	22.8	81.7	27.6	97	36.1	1945	64.5	18.1	51	10.6	1971
Monthly	73.2	22.9	82.4	28.0	101	38.3	1980*	64.1	17.8	41	5.0	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERA

1 . 55 — STATION
GLENVIEW, IL — STATION NAME
1945-1982 — YEARS
A GL

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
1	72.3	22.2	80.3	26.8	94	34.4	1964	63.6	17.6	50	10.0
2	72.9	22.7	81.5	27.5	97	36.1	1964	64.2	17.9	54	12.2
3	72.2	22.3	81.1	27.3	95	35.0	1955	63.3	17.4	49	9.4
4	72.1	22.3	80.9	27.2	101	38.3	1947	63.3	17.4	52	11.1
5	71.9	21.9	79.9	26.6	99	37.2	1947	63.1	17.3	49	9.4
6	72.7	22.6	81.2	27.3	100	37.8	1947	64.2	17.9	49	9.4
7	73.2	22.9	82.1	27.8	96	35.6	1979	64.3	17.9	52	11.1
8	72.9	22.7	81.3	27.4	96	35.6	1949	64.6	18.1	52	11.1
9	72.2	22.3	80.8	27.1	94	34.4	1949	63.6	17.6	48	8.9
10	71.9	21.9	80.1	26.7	94	34.4	1949	63.0	17.2	51	10.6
11	70.9	21.6	79.8	26.6	93	33.9	1947	62.0	16.7	52	11.1
12	71.1	21.7	80.5	26.9	92	33.3	1958*	61.6	16.4	49	9.4
13	72.1	22.2	81.4	27.4	93	33.9	1947	62.5	16.9	51	10.6
14	72.0	22.2	80.7	27.1	94	34.4	1972	63.4	17.4	49	9.4
15	72.6	22.4	81.4	27.4	93	33.9	1965	63.4	17.4	52	11.1
16	71.6	22.0	80.2	26.8	94	34.4	1950	62.9	17.2	52	11.1
17	71.9	22.2	81.4	27.4	97	36.1	1947	62.4	16.9	53	11.7
18	71.5	21.9	80.6	27.0	98	36.7	1947	62.4	16.9	49	9.4
19	71.6	22.0	80.6	27.0	95	35.0	1955*	62.7	17.1	51	10.6
20	72.3	22.4	81.3	27.4	97	36.1	1955*	63.2	17.3	45	7.2
21	72.7	22.6	82.2	27.9	99	37.2	1955	63.2	17.3	45	7.2
22	72.0	22.2	80.9	27.2	95	35.0	1968*	63.1	17.3	51	10.6
23	71.4	21.9	80.0	26.7	96	35.6	1968	62.7	17.1	48	8.9
24	71.1	21.7	80.6	27.0	100	37.8	1947	61.6	16.4	50	10.0
25	71.0	21.7	80.4	26.9	96	35.6	1948	61.6	16.4	46	7.8
26	72.9	22.7	82.5	28.1	96	35.6	1948	63.4	17.4	49	9.4
27	73.8	23.2	83.3	28.5	97	36.1	1976*	64.4	18.0	50	10.0
28	74.0	23.3	83.8	28.8	98	36.7	1955	64.1	17.8	47	8.3
29	73.3	22.9	82.8	28.2	96	35.6	1953	63.8	17.7	45	7.2
30	73.2	22.9	82.2	27.9	96	35.6	1953	64.1	17.8	52	11.1
31	72.3	22.4	80.8	27.1	100	37.8	1953	63.8	17.7	50	10.0
Monthly	72.3	22.3	81.2	27.3	101	38.3	1947	63.2	17.3	45	7.2

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1 55	GLENVIEW, IL	1945-1982	SEPTEMBER
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	69.7	20.9	77.9	25.5	100	37.8	1953	61.5	16.4	44	6.7	1949
2	69.9	21.1	79.2	26.2	100	37.8	1953	60.5	15.8	48	8.9	1967*
3	70.5	21.4	80.1	26.7	95	35.0	1960	60.9	16.1	47	8.3	1974
4	69.1	20.6	78.0	25.6	94	34.4	1960	60.2	15.7	48	8.9	1974*
5	68.2	20.1	77.8	25.4	96	35.6	1954	58.6	14.8	45	7.2	1962
6	68.3	20.2	77.7	25.4	96	35.6	1960	58.9	14.9	45	7.2	1950
7	68.3	20.2	77.8	25.4	98	36.7	1960	58.8	14.9	43	6.1	1956
8	67.7	19.8	77.1	25.1	96	35.6	1978	58.3	14.6	45	7.2	1951*
9	68.2	20.1	78.8	26.0	94	34.4	1964*	57.7	14.3	46	7.8	1951
10	67.8	19.9	77.2	25.1	94	34.4	1978	58.4	14.7	49	9.4	1976*
11	67.2	19.4	76.8	24.9	91	32.8	1979*	57.2	14.0	45	7.2	1955
12	65.4	18.6	74.2	23.4	91	32.8	1952	56.7	13.7	42	5.6	1958*
13	66.1	18.9	74.9	23.8	91	32.8	1962	57.3	14.1	37	2.8	1953
14	64.2	17.9	72.7	22.6	88	31.1	1971	55.7	13.2	41	5.0	1949
15	63.6	17.6	72.8	22.7	84	28.9	1958	54.4	12.4	42	5.6	1949
16	62.7	17.1	71.4	21.9	90	32.2	1955	54.0	12.2	43	6.1	1951
17	64.4	18.0	73.2	22.9	91	32.8	1955	55.7	13.2	42	5.6	1959
18	65.5	18.6	74.7	23.7	92	33.3	1955	56.3	13.5	38	3.3	1959
19	65.8	18.7	74.8	23.8	93	33.9	1955	56.4	13.6	39	3.9	1956
20	63.0	17.2	71.4	21.9	88	31.1	1978	54.5	12.5	32	.0	1956
21	62.3	16.8	71.1	21.7	89	31.7	1970	53.6	12.0	39	3.9	1962
22	60.7	15.9	69.1	20.6	85	29.4	1961*	52.2	11.2	34	1.1	1974
23	58.8	14.9	67.7	19.8	86	30.0	1945	50.0	10.0	33	.6	1974
24	60.1	15.6	69.4	20.8	85	29.4	1958	50.9	10.5	37	2.8	1950*
25	61.0	16.1	69.9	21.1	82	27.8	1958	52.1	11.2	40	4.4	1950
26	60.7	15.9	70.1	21.2	84	28.9	1979*	51.2	10.7	43	6.1	1966*
27	59.8	15.4	68.8	20.4	88	31.1	1954	50.9	10.5	41	5.0	1957
28	58.8	14.9	68.6	20.3	88	31.1	1952	48.9	9.4	37	2.8	1961
29	59.3	15.1	68.4	20.2	96	35.6	1953	49.9	9.9	34	1.1	1951
30	59.3	15.2	69.4	20.8	89	31.7	1971	49.3	9.6	36	2.2	1972
31												
Monthly	64.6	18.1	73.7	23.2	100	37.8	1953	55.4	13.0	32	.0	1956

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]55	GLENVIEW, IL	1945-1982	OCTOBER

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	15.2	69.4	20.8	87	30.6	1971	49.2	9.6	34	1.1	1958
2	59.7	15.4	69.9	21.1	87	30.6	1971	49.5	9.7	30	-1.1	1974
3	[illegible]	14.7	67.9	19.9	88	31.1	1954	48.8	9.3	31	-.6	1974
4	[illegible]	14.6	67.4	19.7	88	31.1	1967	49.2	9.6	36	2.2	1980*
5	57.7	14.3	66.8	19.3	86	30.0	1946	48.6	9.2	32	.0	1952
6	56.4	13.6	64.9	18.3	88	31.1	1963	47.9	8.8	26	-3.3	1952
7	[illegible]5.2	12.9	63.6	17.6	82	27.8	1949	46.7	8.2	32	.0	1952
8	55.7	13.2	64.7	18.2	84	28.9	1949	46.8	8.2	28	-2.2	1952
9	[illegible]5.0	12.8	64.1	17.8	84	28.9	1949	45.9	7.7	31	-.6	1964
10	[illegible]5.4	13.0	65.3	18.5	84	28.9	1962	45.5	7.5	27	-2.8	1964
11	[illegible]5.0	12.8	63.9	17.7	84	28.9	1962	46.2	7.9	32	.0	1964
12	[illegible]4.9	12.9	64.4	18.0	82	27.8	1956	44.7	7.1	31	-.6	1967*
13	[illegible]5.4	13.0	65.5	18.4	87	30.6	1975	45.4	7.4	31	-.6	1977
14	55.[illegible]	13.2	65.9	18.8	84	28.9	1958	45.7	7.6	33	.6	1978
15	[illegible]5.1	12.8	65.2	18.4	84	28.9	1968*	45.1	7.3	32	.0	1972
16	[illegible]4.5	12.5	63.9	17.7	80	26.7	1958*	45.1	7.3	31	-.6	1970*
17	[illegible]3.5	11.9	63.3	17.4	85	29.4	1953	43.8	6.6	26	-3.3	1948
18	[illegible]2.1	11.2	60.4	15.8	85	29.4	1953	43.7	6.5	21	-6.1	1948
19	[illegible]1.6	10.9	60.3	15.7	82	27.8	1953	42.9	6.1	26	-3.3	1972
20	[illegible]2.0	11.1	61.2	16.2	85	29.4	1953	42.8	6.0	25	-3.9	1952
21	[illegible]2.6	11.4	61.5	16.4	83	28.3	1979*	43.7	6.5	25	-3.9	1952
22	52.[illegible]	11.4	62.8	17.1	83	28.3	1963*	43.0	6.1	27	-2.8	1976
23	50.7	10.4	58.9	14.9	83	28.3	1963	42.6	5.9	24	-4.4	1981
24	[illegible]8.5	9.2	56.9	13.8	80	26.7	1963	40.1	4.5	22	-5.6	1981
25	48.1	8.9	56.2	13.4	74	23.3	1963	40.0	4.4	23	-5.0	1962
26	48.6	9.2	57.6	14.3	82	27.8	1963	39.5	4.2	22	-5.6	1962
27	49.5	9.7	58.7	14.8	74	23.3	1955*	40.3	4.6	29	-1.7	1980*
28	[illegible]8.9	9.4	57.6	14.3	76	24.4	1946	40.1	4.5	24	-4.4	1976
29	48.5	9.2	57.1	13.9	78	25.6	1946	39.9	4.4	23	-5.0	1952
30	50.1	10.1	59.1	15.1	83	28.3	1950	41.9	5.5	28	-2.2	1954
31	50.5	10.3	57.5	14.1	84	28.9	1950	43.1	6.2	28	-2.2	1949
Monthly	[illegible]3.6	12.0	62.7	17.1	88	31.1	1967*	44.4	6.9	21	-6.1	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

AVAL WEATHER SERVICE DETACHMENT
SHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1[illegible]55	GLENVIEW, IL	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	48.6	9.2	56.9	13.8	78	25.6	1950	40.4	4.7	24	-4.4	1951
2	47.4	8.6	54.5	12.5	75	23.9	1961	40.3	4.6	14	-10.0	1951
3	44.4	7.1	52.4	11.3	73	22.8	1977	37.2	2.9	11	-11.7	1951
4	43.3	6.3	49.6	9.8	70	21.1	1964	37.0	2.8	12	-11.1	1951
5	44.1	6.7	51.8	11.0	73	22.8	1978	36.4	2.4	7	-13.9	1951
6	43.3	6.3	51.2	10.7	73	22.8	1975	35.4	1.9	19	-7.2	1971
7	43.4	6.3	51.6	10.9	72	22.2	1945	35.1	1.7	16	-8.9	1971
8	42.7	5.9	50.6	10.3	69	20.0	1945	34.9	1.6	14	-10.0	1976
9	42.4	5.8	50.0	10.0	69	20.6	1964	34.8	1.6	20	-6.7	1973
10	41.5	5.3	49.3	9.6	68	20.0	1949	33.7	.9	20	-6.7	1957
11	42.4	5.8	49.8	9.9	71	21.7	1964	35.0	1.7	14	-10.0	1950
12	42.2	5.7	49.4	9.7	67	19.4	1964*	34.9	1.6	18	-7.8	1976
13	41.5	5.3	49.5	9.7	67	19.4	1954	33.5	.8	17	-8.3	1947
14	41.1	5.1	48.8	9.3	73	22.8	1971	33.4	.8	11	-11.7	1959
15	42.4	5.8	50.1	10.1	69	20.6	1953	34.7	1.5	11	-11.7	1959
16	42.6	5.9	51.0	10.6	70	21.1	1952	34.1	1.2	5	-15.0	1959
17	42.4	5.8	49.6	9.8	72	22.2	1958	35.1	1.7	2	-16.7	1959
18	41.4	5.2	48.9	9.4	70	21.1	1953	33.8	1.0	13	-10.6	1959
19	39.2	4.0	45.5	7.5	71	21.7	1953	32.8	.4	15	-9.4	1951
20	38.0	3.3	45.0	7.2	63	17.2	1982	31.1	-.5	15	-9.4	1969*
21	36.4	2.4	43.1	6.2	61	16.1	1963	29.6	-1.3	9	-13.3	1964
22	36.2	2.3	43.6	6.4	62	16.7	1963	28.9	-1.7	13	-10.6	1964
23	35.3	1.8	42.2	5.7	61	16.1	1974*	28.3	-2.1	-2	-18.9	1950
24	34.4	1.3	41.1	5.1	64	17.8	1966	27.8	-2.3	-3	-19.4	1950
25	34.9	1.6	42.3	5.7	61	16.1	1976*	27.5	-2.5	-2	-18.9	1950
26	35.3	1.8	42.6	5.9	64	17.8	1981	28.1	-2.2	5	-15.0	1977
27	33.0	.6	39.2	4.0	60	15.6	1957	26.9	-2.8	6	-14.4	1955
28	30.3	-1.0	36.1	2.3	63	17.2	1960	24.5	-4.3	2	-16.7	1976
29	29.6	-1.3	36.8	2.7	62	16.7	1975	22.3	-5.4	-5	-20.6	1976
30	30.1	-1.1	37.8	3.2	63	17.2	1975	22.3	-5.4	-4	-20.0	1947
31												
Monthly	39.6	4.2	47.0	8.3	78	25.6	1950	32.3	.2	-5	-20.6	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

AVAL WEATHER SERVICE DETACHMENT
SHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]55	GLENVIEW, IL	1945-1982	DECEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	31.7	-.3	38.2	3.4	70	21.1	1970	24.9	-3.9	9	-12.8	1966
2	33.9	.8	41.1	5.1	67	19.4	1982	25.9	-3.4	2	-16.7	1976
3	34.3	1.6	42.0	5.6	65	18.3	1970	27.7	-2.4	7	-13.9	1966
4	34.7	1.5	42.0	5.6	64	17.8	1961	27.4	-2.6	7	-13.9	1978
5	34.9	1.6	41.9	5.5	63	17.2	1982*	27.8	-2.3	10	-12.2	1976*
6	32.7	.4	39.7	4.3	64	17.8	1980*	25.7	-3.5	0	-17.8	1977
7	31.3	-.1	38.5	3.6	63	17.2	1980	25.1	-3.8	0	-17.8	1977*
8	30.0	-1.1	36.2	2.3	65	18.3	1946	23.8	-4.6	-3	-19.4	1958
9	27.1	-2.7	33.6	.9	60	15.6	1946	20.7	-6.3	-9	-22.8	1958
10	26.3	-3.2	33.7	.9	58	14.4	1971*	18.9	-7.3	-5	-20.6	1978*
11	27.3	-2.6	34.4	1.3	62	16.7	1949	20.1	-6.6	-3	-19.4	1972*
12	27.6	-2.4	34.3	1.3	56	13.3	1965	20.8	-6.2	-5	-20.6	1962
13	26.7	-2.9	33.7	.9	64	17.8	1975	19.8	-6.8	-4	-20.0	1958
14	26.3	-3.2	32.9	.5	61	16.1	1975	19.6	-6.9	-2	-18.9	1958
15	26.1	-3.3	32.9	.5	65	18.3	1971	19.3	-7.1	-8	-22.2	1951
16	25.7	-3.5	32.5	.3	54	12.2	1977	18.9	-7.3	-14	-25.6	1951
17	24.8	-4.0	31.9	-.1	59	15.0	1977	17.8	-7.9	-10	-23.3	1951
18	25.1	-3.8	32.8	.4	54	12.2	1957	18.7	-7.4	-11	-23.9	1945
19	26.4	-3.1	32.5	.3	53	11.7	1976*	20.2	-6.6	-6	-21.1	1963
20	26.3	-3.2	32.4	.2	59	15.0	1949	20.3	-6.5	-8	-22.2	1963
21	25.9	-3.4	32.7	.4	62	16.7	1967	19.1	-7.2	-4	-20.0	1963
22	26.8	-3.0	33.5	.8	55	12.8	1957	19.8	-6.8	-7	-21.7	1960
23	28.2	-2.1	34.6	1.4	60	15.6	1982	21.7	-5.7	-11	-23.9	1960
24	27.1	-2.7	34.9	1.6	58	14.4	1982	19.2	-7.1	-8	-22.2	1951
25	26.9	-3.1	33.1	.6	63	17.2	1982	19.9	-6.7	-3	-19.4	1977
26	24.3	-3.9	30.9	-.6	51	10.6	1959	18.9	-7.3	-6	-21.1	1962*
27	25.1	-3.8	32.9	.5	58	14.4	1946	18.5	-7.5	-12	-24.4	1950
28	26.0	-3.3	33.4	.8	63	17.2	1982	18.7	-7.4	-6	-21.1	1961
29	26.1	-3.3	32.6	.3	52	11.1	1979	19.5	-6.9	-8	-22.2	1976
30	25.4	-3.7	32.0	.0	57	13.9	1965	18.7	-7.4	-5	-20.6	1976
31	25.4	-3.7	32.5	.3	59	15.0	1965	18.2	-7.7	-11	-23.9	1967
Monthly	28.0	-2.2	34.8	1.6	70	21.1	1970	21.2	-6.0	-14	-25.6	1951

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14553 | GLENVIEW, IL | 45-67
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45				80	83	92	101	93	92	76	72	52	
46	54	56		83	82	94	100			86		65	
47	50				92	93	96	101					
48	40	54	72	82	83	91	94	98	92	79	67	57	98
49	59	52	70	75	92	90	98	96	84	84	70	62	99
50	67	41	61	74	91	90	92	94	83	85	78	51	94
51	49	55	66	83	87	91	91	82	88	87	65	64	92
52	56	53	64	82	89	97	96	90	91	85	70	59	97
53	56	56	74	82	92	102	98	100	100	85	71	55	102
54	49	66	66	83	86	98	95	93	96	88	69	45	98
55	44	50	69	80	88	92	101	99	94	77	66	49	101
56	44	46	58	80	92	96	99	97	87	83	69	61	99
57	56	62	70	79	84	93	93	93	92	71	60	55	93
58	39	53	52	83	85	88	90	93	88	84	72	48	93
59	41	50	74	75	91	93	92	95	95	72	53	57	95
60	58	42	69	86	82	85	93	94	98	80	66	60	98
61	54	60	70	74	84	92	91	92	90	80	75	64	92
62	42	51	69	87	93	93	89	93	91	84	60	62	93
63	41	49	79	80	89	94	98	93	88	88	67	56	98
64	59	53	64	83	91	100	95	97	94	78	72	49	100
65	61	57	53	74	86	96	97	94	89	80	71	59	97
66	47	56	73	74	85	94	98	91	90	80	69	61	98
67	64	47	77	75	94	94	92	90	86	88	58	62	94
68	51	55	79	80	85	95	94	96	88	84	72	54	96
69	52	41	72	79	93	94	96	93	83	84	55	46	96
70	51	50	55	85	88	98	99	89	89	76	58	70	99
71	43	60	76	88	94	99	91	93	95	87	73	65	99
72	50	64	73	77	97	93	97	95	83	74	58	50	97
73	59	53	72	76	80	92	96	97	91	80	64	61	97
74	54	57	77	83	97	91	98	90	88	78	76	45	98
MEAN													
S.D.													
TOTAL OBS.													

SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14755 STATION | GLENVIEW, IL STATION NAME | 45-82 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	60	50	59	76	93	92	91	95	85	87	77	64	95
76	38	72	77	86	83	93	97	97	89	81	62	53	97
77	31	61	72	85	90	92	97	90	87	75	74	59	97
78	40	38	79	73	89	91	99	92	96	77		43	
79	37	45	66	75	90	93	93	96	91	83	68	59	96
80	55	43	58	91	97	94	101	93	86	82	67	64	101
81	53	63	84	82		93	95	89	87	74	69	58	
82	40	50	63	73	90	90	93	94	89	87	66	67	94
MEAN	49.8	53.1	68.9	80.1	87.8	93.4	95.2	94.0	89.9	81.3	67.6	56.8	96.7
S.D.	8.59P	7.58P	7.946	4.746	3.919	3.259	3.784	2.986	4.223	4.841	5.642	6.966	2.513
TOTAL OBS.	1147	1017	1085	1113	1147	1140	1178	1147	1080	1147	1150	1147	13395

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14955 — STATION
GLENVIEW, IL — STATION NAME
45-82 — YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46			73 30										MAX TEMP DAYS
47		46 19							93 15		57 27	54 30	MAX TEMP DAYS
78											73 29		MAX TEMP DAYS
81					83 30								MAX TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14855 — STATION
GLENVIEW, IL — STATION NAME
45-83 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45				29	42	34	45	49	44	30	16	11-	
46	4-	4-		26	27	38	54			33		2-	
47	2-				41	43	46	50					
48	10-	6-	2-	27	32	44	51	49	47	21	23	10	10-
49	4-	1-	12	26	35	47	54	50	35	28	12	3	4-
50	4-	5-	1-	20	35	43	51	45	37	31	3-	12-	12-
51	20-	16-	12	29	37	41	51	51	34	30	7	14-	20-
52	5-	14	4	26	37	46	53	46	40	23	12	14	5-
53	1	0	10	27	36	46	52	51	37	33	16	1	0
54	10-	5	10	16	41	44	51	53	44	28	21	14	10-
55	11-	8-	4	33	37	48	57	54	42	32	3	0	11-
56	0	7	17	27	37	39	52	51	32	34	12	5	0
57	11-	9	13	22	38	41	58	52	39	28	11	3	11-
58	1-	8-	24	29	36	44	55	46	39	34	2	9-	9-
59	8-	6-	15	27	38	47	52	56	38	29	2	13	8-
60	6	5	1	23	34	50	54	55	44	27	19	11-	11-
61	7-	12	19	22	34	47	53	53	37	31	22	6-	7-
62	16-	5-	9-	25	40	46	52	52	39	22	25	6-	16-
63	18-	7-	9	29	31	42	53	49	43	34	25	8-	18-
64	2	5	11	24	39	46	53	49	40	27	8	3	2
65	10-	10-	4	28	38	48	47	45	41	29	20	11	10-
66	17-	3-	18	30	28	44	57	53	43	30	23	6	17-
67	11-	8-	8	28	33	48	52	49	38	28	16	11-	11-
68	12-	1-	13	27	33	50	51	49	45	32	24	9-	12-
69	8-	10	11	28	40	42	57	57	45	27	15	14	8-
70	12-	8-	11	28	36	46	52	54	39	31	9	7	12-
71	6-	7-	16	24	33	52	51	53	40	37	16	11	7-
72	15-	7-	7	22	36	38	47	48	36	26	23	3-	15-
73	1	4	24	26	35	52	57	58	46	36	20	1	1
74	11-	4	7	24	32	50	58	52	33	27	22	8	11-
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14-55 | CLEVIEW, TL | 45-80
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	2	6-	14	18	41	48	53	59	43	34	18	1	6-
76	11-	10-	15	29	33	50	56	54	39	24	5-	10-	11-
77	19-	4-	19	23	35	42	55	52	52	31	5	5-	19-
78	6-	3	1-	31	33	49	56	54	45	33		5-	
79	16-	10-	5	17	32	46	52	52	47	31	21	2	15-
80	1	2-	3	32	39	46	56	60	44	28	26	4-	4-
81	7-	8-	19	30		53	54	59	43	22	19	5	
82	23-	14-	2	11	45	47	41	47	43	28	17	10	23-
MEAN	6.2-	2.5-	9.8	25.5	35.4	45.4	52.6	51.8	40.9	29.4	14.9	.4	10.0-
S.D.	7.053	7.366	7.622	4.664	3.410	4.209	3.702	3.812	4.365	3.905	8.333	8.507	6.080
TOTAL OBS.	1147	1017	1085	1110	1147	1140	1178	1147	1080	1147	1050	1147	13395

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14855 — STATION
GLENVIEW, IL — STATION NAME
45-82 — YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46			19 30										MIN TEMP DAYS
47		3- 19							62 10		4- 27	9 30	MIN TEMP DAYS
78											11 29		MIN TEMP DAYS
81					33 30								MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMAR

14855 STATION | GLENVIEW, IL STATION NAME | 73-82 YEARS | JAN MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	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				
58/ 57			.0				.0											2	2		
56/ 55		.1	.1		.0													7	7	2	
54/ 53		.3	.1		.1													12	12	5	
52/ 51	.0	.1	.0	.1	.1	.0												11	11	11	
50/ 49		.0	.1	.1		.0												7	7	3	
48/ 47		.1	.1	.2	.1													11	11	8	
46/ 45		.1	.1	.2	.1													12	12	7	
44/ 43	.1	.5	.0	.1	.2													22	22	17	
42/ 41	.2	.4	.2	.2	.2													29	29	22	
40/ 39	.1	.8	.5	.4	.1													47	47	23	
38/ 37	.4	1.0	.9	.3	.1													70	70	44	
36/ 35	.8	1.7	1.9	.3	.1													119	119	85	
34/ 33	.8	2.7	1.5	.2														128	128	106	
32/ 31	1.4	3.5	1.5	.2														163	163	170	
30/ 29	1.4	3.2	1.1	.2														149	149	166	1
28/ 27	1.1	2.8	.8	.2														122	122	138	1
26/ 25	1.7	4.0	.9	.2														169	169	158	1
24/ 23	1.6	2.9	.5	.0														125	125	155	1
22/ 21	.9	3.0	.5															110	110	116	1
20/ 19	1.4	2.3	.6	.0														109	109	123	1
18/ 17	.9	2.2	.6															92	92	93	1
16/ 15	1.1	2.3	.4															94	94	102	1
14/ 13	1.1	2.5	.4															101	101	101	
12/ 11	1.1	3.3	.1															113	113	116	
10/ 9	1.5	3.2	.1															120	120	124	
8/ 7	1.0	2.5																88	88	95	1
6/ 5	.8	2.2																75	75	84	
4/ 3	.8	2.6	.0															84	84	82	
2/ 1	.6	2.0	.1															66	66	75	
0/- 1	1.8	.6	.0															59	59	72	
- 2/- 3	1.2	.9																51	51	54	
-4 /- 5	.8	.4																29	29	35	
- 6/- 7	.6	.2																20	20	21	
- 8/- 9	.6																	15	15	18	

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMAR

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) JAN (MONTH)

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew P
-10/-11	.5	.1																15	15	15	
-12/-13	.4	.0																11	11	11	
-14/-15	.4																	10	10	10	
-16/-17	.1	.1																5	5	4	
-18/-19	.1																	3	6	4	
-20/-21	.1																	2	2	2	
-22/-23	.1																	2	2	2	
-24/-25																					
-26/-27																					
-28/-29																					
-30/-31																					
-32/-33																					
TOTAL	27.6	54.9	13.4	3.0	1.1	.1	.0											2479	2482	2479	247

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.	15134400	190262	76.7	14.650	2479							
Dry Bulb	1490903	50061	20.2	13.926	2482	67.4	601.0					744
Wet Bulb	1307755	46549	18.8	13.229	2479	74.4	644.1					744
Dew Point	1032687	33951	13.7	15.136	2479	157.6	688.2					744

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

14355 STATION | GLENVIEW, IL 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				
66/ 65								.1	.0									3	3		
64/ 63							.0	.1										3	3		
62/ 61				.0			.1											3	3		
60/ 59			.1	.1		.1		.0										8	8		
58/ 57			.1		.0	.1	.1											7	7		
56/ 55		.0	.0	.1	.2	.1	.0											12	12	4	
54/ 53			.2	.2	.1													11	11	5	1
52/ 51		.1		.1	.1	.0												7	7	10	6
50/ 49	.1	.2	.3	.4	.3													25	25	20	6
48/ 47	.2	.3	.3	.3	.3	.1												34	34	17	14
46/ 45	.1	.4	.6	.6	.2	.0												43	43	25	9
44/ 43	.1	.6	.5	.5	.3	.0	.0											46	46	33	15
42/ 41	.2	.3	.8	.5	.1	.0	.0											45	45	42	25
40/ 39	.2	1.0	1.3	.9	.1	.0												81	81	50	32
38/ 37	.5	1.6	1.6	.9	.1													108	108	75	45
36/ 35	1.4	2.1	2.1	.9														148	148	122	70
34/ 33	.9	3.1	1.9	.5	.0													142	142	135	105
32/ 31	1.1	3.2	2.2	.4														154	154	172	116
30/ 29	.5	3.4	1.7	.2														131	131	163	114
28/ 27	1.2	3.5	1.7	.1														146	146	153	126
26/ 25	1.0	3.4	1.2	.1														129	129	149	131
24/ 23	.9	4.0	1.0															134	134	142	136
22/ 21	.8	3.4	.9															114	114	127	142
20/ 19	.6	2.9	.4															86	86	117	152
18/ 17	.5	3.1	.3															87	87	89	110
16/ 15	.6	2.2	.3															70	70	89	91
14/ 13	1.0	2.2	.1															74	74	73	105
12/ 11	1.1	2.7	.0															87	87	93	101
10/ 9	1.4	2.3	.0															85	85	88	9
8/ 7	.8	1.3																48	48	60	96
6/ 5	.7	1.5	.0															50	50	50	6
4/ 3	.8	.8																37	37	41	6
2/ 1	.6	1.0																36	36	42	6
0/- 1	.8	.3																23	23	28	5

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												

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
- 2/- 3	.4	.3																14	14	14	3
- 4/- 5	.3	.1																9	9	12	44
- 6/- 7	.3																	6	6	6	19
- 8/- 9	.2																	5	5	5	22
-10/-11	.1																	2	2	2	17
-12/-13	.1																	3	3	3	13
-14/-15																					7
-16/-17																					3
-18/-19																					0
-20/-21																					2
TOTAL	19.6	51.2	19.3	6.9	1.9	.6	.4	.2	.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.	13546567	171869	76.2	14.174	2256							
Dry Bulb	1895071	58343	25.9	13.087	2256	18.5	455.7					672.0
Wet Bulb	1611627	53839	23.9	12.037	2256	20.9	511.7					672.0
Dew Point	1185869	42681	18.9	12.953	2256	63.1	574.3					672.0

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (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
80/ 79										.0								1	1		
78/ 77								.0	.0	.0								3	3		
76/ 75									.0	.1	.0							4	4		
74/ 73							.1	.0										3	3		
72/ 71					.0	.0	.0	.2	.1									9	9		
70/ 69						.1		.1										4	4		
68/ 67				.0	.0	.0		.1	.0	.1	.1							10	10		
66/ 65			.0		.1	.2	.2	.0	.0	.0								14	14		
64/ 63		.0	.2	.4	.2	.2	.2	.0	.1	.0								35	35	2	
62/ 61		.1	.1	.4	.1	.1	.1	.2	.0	.0								31	31	10	
60/ 59	.0	.3	.1	.3	.1	.2	.1	.2	.0									36	36	20	5
58/ 57	.0	.4	.2	.2	.3	.0	.2	.3	.0									44	44	31	14
56/ 55	.1	.4	.2	.2	.3	.3	.4	.1										47	47	38	24
54/ 53	.2	.2	.3	.4	.1	.4	.3	.0										51	51	44	30
52/ 51	.2	.4	.3	.4	.4	.4	.1	.0										57	57	39	23
50/ 49	.3	.3	.4	.6	.5	.4	.1	.0										66	66	48	30
48/ 47	.1	.6	.7	1.0	.8	.2	.1											86	86	45	36
46/ 45	.5	1.0	.9	1.2	.9	.2	.0											116	116	91	53
44/ 43	.4	.7	1.2	1.0	.7	.3												107	107	107	50
42/ 41	.5	.9	2.2	1.3	.6	.2												145	145	107	63
40/ 39	.4	1.5	2.8	1.4	.4	.1												162	162	136	68
38/ 37	.8	3.6	2.5	1.5	.2													213	213	182	87
36/ 35	1.0	4.1	2.9	.7	.2													223	223	248	140
34/ 33	2.0	4.2	2.0	.6	.2													223	223	279	231
32/ 31	1.4	2.5	2.2	.6	.0													165	165	231	231
30/ 29	.8	2.3	1.9	.3	.0													131	131	160	223
28/ 27	.7	2.2	2.0	.1														124	124	146	204
26/ 25	.6	1.6	1.0	.1														91	81	132	151
24/ 23	.4	1.7	.6	.1														69	69	93	145
22/ 21	.3	1.8	.4															62	62	80	115
20/ 19	.2	1.1	.2															39	39	66	104
18/ 17	.2	1.0	.2															32	32	32	110
16/ 15	.1	.9	.1															28	28	31	92
14/ 13	.1	.7	.0															20	20	29	55

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



PSYCHROMETRIC SUMMARY

4855 (STATION) GLENVIEW, IL (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
12/ 11	.4	.4																18	18	26	52
10/ 9	.0	.1																4	4	8	38
8/ 7	.1	.2																7	7	7	38
6/ 5		.2																4	4	4	17
4/ 3	.1	.1																5	5	7	18
2/ 1																					13
0/- 1	.0																	1	1	1	6
2/- 3																					7
4/- 5																					1
8/- 9																					1
TOTAL	11.9	35.5	25.6	13.1	6.3	3.4	1.8	1.5	.4	.4	.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.	13810637	179919	72.5	17.484	2480							
Dry Bulb	3871203	93399	37.7	11.945	2480	.3	237.0	10.2	3.3			744.0
Wet Bulb	3159120	84770	34.2	10.271	2480	.3	315.9					744.0
Dew Point	2356458	71250	28.7	11.172	2480	4.5	487.2					744.0

PSYCHROMETRIC SUMMARY

4855 (STATION) GLENVIEW, IL (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	1		
88/ 87												.0		.0				2	2		
86/ 85											.0	.0						2	2		
84/ 83									.0	.1		.1	.2	.1				12	12		
82/ 81								.1	.1	.0	.0	.1	.1					10	10		
80/ 79							.0		.2	.0	.2	.1	.0					13	13		
78/ 77						.0		.1	.2	.1	.0		.1					14	14		
76/ 75					.0		.1	.2	.2	.1								17	17		
74/ 73					.1	.2	.1	.2	.2	.1	.2							25	25		
72/ 71				.1	.2	.1	.2	.1	.3	.2	.0							31	31		
70/ 69		.0	.1	.3	.2	.2	.3	.2	.2	.2	.1							47	47	1	
68/ 67		.2	.2	.5	.2	.2	.2	.1	.2	.2	.1							52	52	9	1
66/ 65	.1	.3	.2	.3	.2	.4	.5	.3	.3	.1								68	68	27	4
64/ 63	.1	.6	.3	.2	.2	.3	.3	.4	.4	.0								72	72	55	23
62/ 61	.1	.8	.8	.2	.4	.5	.5	.4	.2	.0								92	92	57	29
60/ 59	.1	.5	.3	.4	.4	.2	.4	.3	.2	.0								71	71	76	41
58/ 57	.1	.6	.3	.6	.4	.5	.8	.4	.0									93	93	71	49
56/ 55	.1	.3	.4	.3	.6	.9	.8	.4	.2									93	93	71	44
54/ 53	.1	.3	.5	.7	.9	1.0	.5	.2	.0									104	104	81	52
52/ 51	.1	.8	.7	.7	1.4	1.2	.4	.0										130	130	84	40
50/ 49	.5	.7	1.3	1.2	1.1	.9	.4											145	145	98	66
48/ 47	.5	.8	1.1	.9	1.5	.6	.1	.0										132	132	131	92
46/ 45	.5	2.0	1.4	2.3	1.0	.5	.1											186	186	177	91
44/ 43	.5	1.4	1.9	1.7	.8	.2												155	155	213	118
42/ 41	.5	1.2	1.8	1.5	.7	.2	.0											142	142	184	123
40/ 39	.5	1.2	2.7	1.0	.1	.0												133	133	202	110
38/ 37	.7	2.4	1.4	1.1	.1													137	137	184	136
36/ 35	1.3	2.0	2.0	.7	.1													146	146	217	205
34/ 33	.5	2.2	1.0	.5	.1													102	102	138	223
32/ 31	.5	1.3	.9	.2														69	69	126	215
30/ 29	.3	.9	.3	.2														40	40	74	181
28/ 27	.1	.3	.5	.0														23	23	52	134
26/ 25	.1	.3	.2															15	15	26	116
24/ 23	.0	.2	.2															11	11	21	105

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												

PSYCHROMETRIC SUMMARY

14855	GLENVIEW, IL	73-82	APR
STATION	STATION NAME	YEARS	MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
72/ 21		.0	.0															2	2	6	6
20/ 19	.0	.2	.0															6	6	6	3
18/ 17	.0	.1																3	3	8	3
16/ 15	.0	.1																3	3	4	2
14/ 13	.0																	1	1	1	1
12/ 11																					1
10/ 9																					7
8/ 7																					2
6/ 5																					1
TOTAL	7.5	21.6	20.7	15.5	10.9	8.2	5.9	3.5	3.2	1.2	.7	.3	.4	.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.	11573877	159119	66.3	20.663	2400							
Dry Bulb	6051097	116691	48.6	12.543	2400		51.9	67.8	28.8	10.5		720.0

PSYCHROMETRIC SUMMARY

14855 STATION | GLENVIEW, IL STATION NAME | 73-82 YEARS | MAY MONTH

HOURS (L S T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
92/ 91												.0						1	1		
90/ 89									.0	.0	.0		.1					5	5		
88/ 87							.0		.2	.1	.3	.2	.1	.1				26	26		
86/ 85							.1	.2	.2	.1	.2	.1	.0	.0				23	23		
84/ 83						.0		.1	.2	.2	.2	.2	.0					25	25		
82/ 81					.0	.2	.2	.2	.4	.3	.1	.2	.1					43	43		
80/ 79					.0	.2	.2	.5	.4	.2	.1	.1						45	45		
78/ 77				.1	.3	.3	.5	.4	.4	.3	.1	.2						64	64		
76/ 75				.1	.3	.5	.3	.5	.4	.2	.1	.0						61	61	1	
74/ 73			.0	.4	.3	.6	.5	.4	.8	.2	.2	.1						86	86	6	
72/ 71		.1	.2	.8	.4	.6	.8	.6	.2	.2	.1							100	100	30	
70/ 69	.0	.2	.6	.8	.6	.4	.8	.5	.4	.1	.1							112	112	32	5
68/ 67	.2	.4	.9	.6	.7	.9	.4	.4	.4	.2								128	128	88	33
66/ 65	.2	1.0	.6	.5	.7	.4	.7	.4	.3	.1								121	121	125	47
64/ 63	.2	.7	.6	.5	.7	.8	.3	.4	.2	.1								113	113	140	73
62/ 61	.3	.6	1.1	1.0	.7	.8	.5	.4	.2									144	144	127	67
60/ 59	.7	.9	.7	1.3	.7	.7	.4	.4	.0									145	145	157	108
58/ 57	.4	1.0	1.5	1.2	1.0	.6	.7	.2	.1									166	166	185	124
56/ 55	.7	1.2	1.4	1.0	1.0	.6	.3	.1										154	154	170	121
54/ 53	.6	1.3	1.5	1.1	1.3	.5	.5											170	170	192	144
52/ 51	.7	1.4	1.2	1.5	.9	.6	.1											158	158	191	185
50/ 49	.9	1.2	1.5	1.4	.8	.3	.0											151	151	188	198
48/ 47	.4	.8	2.0	1.2	.9	.1	.0											138	138	174	161
46/ 45	.2	1.2	1.2	1.0	.4	.1												107	107	178	152
44/ 43	.2	1.0	.9	.2	.1													60	60	166	158
42/ 41	.4	.6	.6	.4	.0													50	50	125	167
40/ 39	.3	.9	.4	.1														44	44	92	145
38/ 37	.3	.3	.3															22	22	66	131
36/ 35		.2	.2	.0														11	11	23	119
34/ 33	.0	.1	.0	.0														5	5	14	97
32/ 31	.1																	2	2	8	85
30/ 29																				1	57
28/ 27																				1	40
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												

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) MAY (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																					1
22/ 21																					
20/ 19																					
18/ 17																					
TOTAL	7.0	15.2	17.6	15.3	11.9	9.3	7.4	5.8	4.8	2.4	1.7	1.1	.4	.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.	11901786	164054	66.2	20.575	2480							
Dry Bulb	9191797	148213	59.8	11.609	2480		.6	215.7	113.7	44.1		744.0
Wet Bulb	7118685	131041	52.8	8.859	2480		3.0	47.1	2.1			744.0
Dew Point	5708481	116285	46.9	10.161	2480		65.1	12.0				744.0

PSYCHROMETRIC SUMMARY

14855 GLENVIEW, IL 73-82 JUN

STATION STATION NAME YEARS MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Poi
94 / 93								.0	.1				.0	.0				5	5		
92 / 91								.1	.1		.2	.1		.0	.0			14	14		
90 / 89							.0	.1	.1	.2	.1	.2	.2	.0				24	24		
88 / 87						.1	.4	.2	.2	.3	.3	.1	.1	.0				40	40		
86 / 85					.1	.4	.3	.5	.2	.4	.2	.2	.2					62	62		
84 / 83					.1	.3	.4	.4	.4	.3	.3	.2	.1					62	62		
82 / 81			.0	.2	.2	.5	.7	.4	.6	.5	.4	.2	.1					92	92		
80 / 79		.0	.1	.4	.5	.5	.3	.6	.5	.6	.1	.2						91	91	1	
78 / 77		.1	.3	.6	.9	.5	.5	.7	1.1	.5	.1							176	126	22	
76 / 75		.2	.7	.4	1.2	.8	.9	.8	1.0	.4	.2							155	155	32	
74 / 73	.3	.5	1.2	1.0	.9	.9	.5	.9	.5	.2	.0							165	165	61	2
72 / 71	.3	1.0	1.1	1.2	.8	1.2	1.2	.6	.2	.2								187	187	136	5
70 / 69	.2	1.2	1.1	1.2	1.2	1.4	1.2	.6	.2									200	200	149	10
68 / 67	.5	1.3	1.2	1.1	1.0	.9	.5	.4	.1									172	172	198	11
66 / 65	.5	1.5	1.2	1.4	1.4	1.0	.2	.2	.0									179	179	189	13
64 / 63	.5	1.6	1.2	1.3	.7	.5	.5	.1	.0									155	155	239	15
62 / 61	.5	1.3	1.3	1.7	1.3	.5	.1											158	158	251	15
60 / 59	.3	.9	1.4	1.8	.6	.5	.2											137	137	246	15
58 / 57	.2	.8	1.4	1.4	.7	.2	.2											117	117	213	16
56 / 55	.2	1.0	1.4	.4	.5	.2	.1											88	88	183	19
54 / 53	.2	1.1	1.0	.4	.2	.1												70	70	165	16
52 / 51	.4	.8	.8	.2	.1													58	58	132	24
50 / 49	.1	.4	.3	.2	.1													29	29	85	19
48 / 47		.2	.2	.0														11	11	47	17
46 / 45		.1	.0															4	4	12	6
44 / 43		.1																2	2	17	7
42 / 41																				2	6
40 / 39																					4
38 / 37																					2
36 / 35																					1
34 / 33																					
32 / 31																					
30 / 29																					

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

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-92 (YEARS) JUN (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	4.0	14.0	16.0	14.9	12.5	10.5	8.5	6.5	5.3	3.5	2.0	1.2	.7	.2	.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.	11555134	159998	66.7	19.247	2400							
Dry Bulb	11553882	164922	68.7	9.594	2400			417.9	250.2	101.7	1.5	720.0
Wet Bulb	9067927	146503	61.0	7.217	2400			179.7	34.8			720.0
Dew Point	7663013	134015	55.8	8.654	2400		.9	93.3	17.1			720.0

PSYCHROMETRIC SUMMAR

14855 STATION | GLENVIEW, IL STATION NAME | 73-82 YEARS | JUL MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	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				
100/ 99										.0	.0							2	2		
98/ 97										.0	.1	.0	.1					6	6		
96/ 95								.0	.1	.1	.3	.1						16	16		
94/ 93								.0	.2	.2	.3	.1		.0				25	25		
92/ 91						.1	.2	.2	.3	.4	.0			.0				32	32		
90/ 89					.0	.1	.3	.7	.6	.4	.1	.1	.0					58	58		
88/ 87				.1	.0	.3	.5	.9	.7	.6	.3							85	85		
86/ 85			.0	.1	.2	.5	.7	.6	.6	.5	.3	.0						91	91		
84/ 83		.0		.2	.6	.6	.8	.8	.4	.3	.1							99	99	1	
82/ 81			.1	.3	1.1	1.1	1.0	1.0	.8	.5	.1	.0						153	153	12	
80/ 79		.1	.6	1.5	1.3	1.3	1.0	.6	.4	.2	.1							171	171	17	
78/ 77	.0	.2	1.1	1.5	1.9	.8	1.0	.8	.5	.1	.1							201	201	59	
76/ 75	.1	.7	1.3	1.6	1.5	1.2	1.0	.9	.4	.1								217	217	135	
74/ 73	.2	1.0	2.2	2.1	1.5	1.4	.8	.4	.3	.1								245	245	218	
72/ 71	.5	1.3	2.3	2.1	1.2	.8	.8	.2	.1	.0								231	231	261	1
70/ 69	.9	2.4	2.3	1.5	1.0	.9	.4	.1	.0									238	238	312	2
68/ 67	.5	1.7	2.1	1.7	1.2	.4	.2	.1										199	199	329	2
66/ 65	.4	1.5	2.1	1.3	.6	.1	.0											149	149	298	2
64/ 63	.2	1.1	1.3	1.0	.3	.2	.0											102	102	241	2
62/ 61	.2	1.1	1.3	.7	.2	.0												84	84	222	2
60/ 59	.2	.6	.6	.2	.1	.0												44	44	183	2
58/ 57	.0	.2	.2	.1	.1													17	17	110	1
56/ 55	.1	.1	.0	.1														10	10	56	1
54/ 53		.2	.0	.0														3	3	24	1
52/ 51																				6	
50/ 49			.0															1	1	3	
48/ 47																				2	
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
TOTAL	3.3	12.1	17.7	16.1	12.8	10.0	8.8	7.7	5.5	3.7	1.7	.4	.1	.1				2479	2479		24
																				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.	12548763	171133	69.0	17.223	2479							
Dry Bulb	13911711	184591	74.5	8.202	2479			620.9	420.5	196.3	14.7	744
Wet Bulb	11164458	165742	66.9	5.794	2479			403.4	132.7	6.0		744
Dew Point	9846033	155289	62.6	6.913	2479			244.9	66.9	1.2		744

NAVWEASERVCOM

PSYCHROMETRIC SUMMAR

14855 STATION — GLENVIEW, IL STATION NAME — 73-82 YEARS — AUG MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
98/ 97											.0							1	1		
96/ 95								.0	.1	.1								5	5		
94/ 93							.1		.1		.1							7	7		
92/ 91							.1	.1	.2	.2	.1							18	18		
90/ 89						.2	.1	.5	.3	.2	.1	.0						34	34		
88/ 87				.0	.0	.3	.3	.8	.4	.1	.1	.0						50	50		
86/ 85				.0	.2	.4	.5	.4	.4	.1	.1	.0						54	54		
84/ 83			.0	.1	.6	1.0	.4	.8	.3	.2	.1							88	88	1	
82/ 81			.1	.5	.8	1.0	1.2	.7	.1	.1								112	112	5	
80/ 79	.0	.1	.5	1.1	1.5	1.1	1.1	.4	.5	.2		.0						163	163	14	
78/ 77	.0	.2	.9	1.6	1.4	1.4	.8	.7	.3	.1								182	182	43	
76/ 75	.1	.6	2.4	1.3	1.4	1.2	1.0	.4	.4	.2								222	222	110	
74/ 73	.2	1.9	2.3	1.3	1.1	1.0	1.1	.5	.1									237	237	177	
72/ 71	1.3	3.5	2.2	1.6	.9	1.0	.7	.4	.1									290	290	312	1
70/ 69	1.6	3.2	2.8	1.2	1.4	.6	.6	.2										289	289	342	3
68/ 67	1.4	2.0	2.3	1.5	.8	.7	.2	.0										220	220	313	3
66/ 65	.2	1.7	1.9	1.7	.5	.5	.1	.0										165	165	257	2
64/ 63	.5	2.0	1.4	.6	.6	.1	.0											128	128	245	2
62/ 61	.6	1.4	.6	.4	.2	.1												83	83	235	2
60/ 59	.2	.8	.6	.5	.1													55	55	179	2
58/ 57	.0	.5	.7	.2														36	36	103	1
56/ 55		.3	.6															23	23	64	1
54/ 53	.1	.2	.2	.0														12	12	48	1
52/ 51																				22	
50/ 49		.1	.1															5	5	4	
48/ 47		.0																1	1	3	
46/ 45																				3	
44/ 43																					
42/ 41																					
TOTAL	6.5	18.4	19.6	13.7	11.6	10.6	8.4	5.5	3.5	1.2	.6	.2							2480		24
																		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.	14230405	181121	73.8	16.910	2480							
Dry Bulb	13201526	179940	72.6	7.666	2480			591.6	351.9	134.1	3.9	744
Wet Bulb	11013934	164620	66.4	5.911	2480			395.1	105.0	3.6		744
Dew Point	9932336	155976	62.9	7.028	2480			275.4	55.8	1.2		744

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

14855 STATION — GLENVIEW, IL STATION NAME — 73-82 YEARS — SEP MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95												.0						1	1		
94/ 93										.0			.1					3	3		
92/ 91												.0						1	1		
90/ 89							.0	.0	.2	.2	.0							12	12		
88/ 87							.2	.3	.1	.1	.0	.1						19	19		
86/ 85					.0	.1	.1	.3	.3	.2	.1							26	26		
84/ 83					.1	.3	.4	.2	.5	.2	.2							45	45		
82/ 81					.5	.4	.3	.4	.2	.0	.2							48	48		
80/ 79			.1	.2	.7	.5	.3	.4	.4	.2	.0							67	67		
78/ 77		.3	.1	.8	.6	.2	.5	.4	.4	.1								77	77	4	
76/ 75		.2	.7	.3	.7	.6	.8	.7	.4	.1								109	109	23	
74/ 73		.5	1.0	.7	.5	.5	.6	.5	.2	.1								116	116	50	14
72/ 71	.2	1.0	.8	.8	.8	1.0	.6	.2	.1	.0								134	134	110	32
70/ 69	.4	1.2	1.2	1.1	1.3	.8	.9	.7	.2	.0								188	188	120	107
68/ 67	.6	1.5	1.5	1.1	1.0	1.0	.9	.3	.2									196	196	146	108
66/ 65	.8	1.7	1.1	1.3	1.3	.6	.3	.2	.0									178	178	192	132
64/ 63	.6	2.2	1.3	1.9	1.2	1.0	.6	.2										218	218	172	141
62/ 61	.3	1.5	1.5	1.5	1.4	.4	.2	.0										164	164	223	140
60/ 59	.3	1.8	1.5	1.7	1.1	.6	.1	.3										175	175	206	149
58/ 57	.3	1.8	1.9	1.5	.7	.1	.1	.0										157	157	210	191
56/ 55	.1	1.2	2.0	1.2	.6	.3	.1											131	131	201	161
54/ 53	.3	1.4	1.7	.8	.3	.1												111	111	217	191
52/ 51	.3	1.5	.9	.5	.1	.0												82	82	174	191
50/ 49	.3	1.2	.8	.4	.1													61	61	135	181
48/ 47	.1	.9	.5	.1	.0													40	40	88	20
46/ 45	.0	.4	.2	.1														17	17	66	13
44/ 43	.0	.2	.3	.0														14	14	28	9
42/ 41			.1															3	3	17	6
40/ 39			.1															3	3	7	5
38/ 37			.0															1	1	5	2
36/ 35		.0																1	1	3	2
34/ 33		.0	.0															2	2	1	1
32/ 31																				2	
30/ 29																					

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												

PSYCHROMETRIC SUMMARY

14855 STATION | GLENVIEW, IL STATION NAME | 73-82 YEARS | SEP MONTH

HOURS (L S T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Poir
29/ 27 TOTAL	4.5	20.3	19.4	16.3	13.3	8.5	7.1	5.1	3.4	1.3	.6	.2	.1					2400	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.	12961677	171383	71.4	17.363	2400							
Dry Bulb	10379925	156135	65.1	9.627	2400			312.6	157.2	56.4	1.2	720
Wet Bulb	8490053	141499	59.0	7.842	2400		.6	135.9	23.1			720
Dew Point	7356174	131136	54.6	8.920	2400		5.4	78.3	7.2			720

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) OCT (MONTH)

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
88/ 87											.0							1	1		
86/ 85											.0							1	1		
84/ 83								.1	.0	.0								4	4		
82/ 81						.0	.1		.1		.0							6	6		
80/ 79					.0	.0	.0		.2									7	7		
78/ 77					.2	.1	.1	.2		.0								14	14		
76/ 75				.1	.2	.1	.3	.2	.1	.0								26	26		
74/ 73				.2	.1	.4	.2	.2	.1									28	28		
72/ 71			.1	.3	.3	.4	.5	.2	.1	.1								51	51	6	
70/ 69		.1	.4	.3	.4	.5	.4	.2	.1	.0	.0							61	61	12	1
68/ 67	.0	.4	.3	.4	.4	.3	.4	.3	.2									69	69	26	1
66/ 65	.0	.6	.5	.4	.8	.5	.5	.3	.3									99	99	44	3
64/ 63	.2	.7	.6	.8	.5	.8	.6	.4	.2	.0								120	120	68	3
62/ 61	.4	.6	.5	.9	.8	.7	.6	.1	.1									117	117	81	4
60/ 59	.3	1.1	1.1	1.0	.6	.6	.7	.1										138	138	96	5
58/ 57	.4	1.4	1.0	1.2	1.1	.5	.5	.2										154	154	129	8
56/ 55	.3	1.2	1.4	1.6	1.1	1.1	.4											178	178	139	10
54/ 53	.2	1.2	1.2	1.1	1.1	1.1	.2											152	152	156	10
52/ 51	.4	2.1	1.9	1.6	1.3	.6	.1											197	197	178	11
50/ 49	.8	1.9	2.4	1.7	1.1	.4												207	207	217	15
48/ 47	.8	2.0	1.5	1.9	.9	.2	.1											185	185	205	16
46/ 45	.5	1.6	1.7	1.6	.5	.1	.0											149	149	235	17
44/ 43	1.0	1.5	1.7	1.0	.3													138	138	212	20
42/ 41	.7	1.5	1.4	.7	.5													120	120	198	17
40/ 39	.5	.6	1.2	.8	.1													81	81	139	16
38/ 37	.4	1.1	.7	.4														67	67	102	19
36/ 35	.5	.8	.4	.0														44	44	96	16
34/ 33	.2	.7	.3	.1														31	31	65	14
32/ 31	.1	.4	.1															14	14	39	12
30/ 29	.1	.4	.0															12	12	20	7
28/ 27		.2																4	4	10	6
26/ 25		.1																2	2	3	4
24/ 23		.1																2	2	2	3
22/ 21	.0																	1	1	2	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												

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) OCT (MONTH)

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					13
18/ 17																					-
16/ 15																					1
TOTAL	P.0	22.2	20.5	18.1	12.5	8.4	5.8	2.5	1.5	.3	.2								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	≥90 F	≥93 F	Total
Rel. Hum.	13328967	176249	71.1	18.000	2480							
Dry Bulb	7283073	131921	53.2	10.352	2480		10.5	80.4	26.1	4.5		744.0
Wet Bulb	5932194	119314	48.1	8.799	2480		22.8	13.2				744.0
Dew Point	4851044	106856	43.1	9.980	2480		110.7	3.3				744.0

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) NOV (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 Poi
76/ 75										.0								1	1		
74/ 73						.1	.0	.0										4	4		
72/ 71					.1	.1	.1	.0										8	8		
70/ 69			.0		.1	.1	.0											6	6		
68/ 67				.1		.1	.1	.1	.0									10	10		
66/ 65		.0	.3	.3	.0	.2	.0	.0	.1									24	24	2	
64/ 63		.4	.5	.2		.2	.1	.1	.0									38	38	6	
62/ 61	.1	.6	.3	.4	.3	.1	.1	.2										48	48	36	
60/ 59	.5	.8	.4	.3	.5	.3	.2	.0										76	76	52	3
58/ 57	.6	.7	.3	.3	.6	.2	.1	.0	.1									73	73	50	6
56/ 55	.5	1.2	.7	.2	.6	.3	.2	.0										94	94	53	4
54/ 53	.6	1.0	.8	.5	.6	.3	.3											100	100	85	5
52/ 51	.1	.5	.5	.7	.5	.6	.2	.0										75	75	71	4
50/ 49	.3	1.0	.7	.7	.5	.3	.2											88	88	87	5
48/ 47	.3	1.0	1.0	.7	.7	.3	.1											100	100	77	6
46/ 45	.3	1.5	1.6	1.4	.3	.3												132	132	97	7
44/ 43	.4	2.0	1.8	1.2	.4	.1												143	143	122	6
42/ 41	.5	2.0	2.4	1.7	.7	.1												178	178	155	9
40/ 39	.4	1.7	2.4	1.3	.4	.0												150	150	161	11
38/ 37	.4	2.8	2.4	1.8	.3													185	185	165	11
36/ 35	.6	1.9	2.5	1.2	.0													151	151	201	15
34/ 33	1.0	2.5	2.0	.7	.1													152	152	182	17
32/ 31	1.0	2.9	1.8	.3	.0													145	145	192	16
30/ 29	.9	2.1	1.0	.1														100	100	173	15
28/ 27	1.0	2.2	.6	.1														92	92	126	16
26/ 25	.8	1.4	.6	.1														69	69	91	17
24/ 23	.6	1.0	.5															50	50	62	14
22/ 21	.3	.8	.2															31	31	50	13
20/ 19	.3	.5	.2															23	23	36	8
18/ 17	.3	.3	.1															17	17	21	6
16/ 15	.1	.1	.0															5	5	12	3
14/ 13	.1	.1																5	5	5	3
12/ 11	.0	.2	.0															6	6	6	1
10/ 9	.1	.2																8	8	6	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												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

4855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) NOV (MONTH)

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7		.1																3	3	7	3
6/ 5	.1	.1																5	5	5	19
4/ 3	.0																	1	1	2	6
2/ 1	.0																	1	1	1	9
0/- 1	.1																	2	2	2	5
2/- 3	.0																	1	1	1	3
4/- 5																					2
8/- 9																					1
TOTAL	12.5	33.8	25.7	14.3	7.0	3.8	1.9	.7	.2	.0								2400		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.	14022755	179023	74.6	16.698	2400							
Dry Bulb	4421286	98928	41.2	11.965	2400	.9	169.2	8.7	1.5			720.0
Wet Bulb	3718516	90764	37.8	10.918	2400	.9	239.4					720.0
Dew Point	2968401	79235	33.0	12.121	2400	3.3	374.1					720.0

PSYCHROMETRIC SUMMARY

14855 STATION | GLENVIEW, IL STATION NAME | 73-82 YEARS | DEC 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
66/ 65		.0																1	1		
64/ 63		.2	.1	.0														8	8	1	
62/ 61		.2	.3	.1	.0	.0												17	17	4	1
60/ 59		.2	.2		.0													13	13	12	5
58/ 57		.5	.2	.2	.1	.1												25	25	14	11
56/ 55		.3	.2	.1	.1	.1												19	19	21	13
54/ 53	.1	.2	.2	.2	.1	.1												21	21	15	27
52/ 51		.2	.2	.2	.1	.0												18	18	16	16
50/ 49	.0	.5	.2	.1	.1													26	26	14	13
48/ 47	.1	.4	.2	.1	.1	.0												24	24	31	18
46/ 45		.5	.2	.4	.0													29	29	30	27
44/ 43	.1	.4	.5	.4	.2	.1												43	43	24	21
42/ 41	.2	.9	.9	.7														66	66	28	23
40/ 39	.5	1.1	2.0	.5	.1	.0												106	106	67	33
38/ 37	.5	2.2	1.5	.7														122	122	90	50
36/ 35	1.4	2.7	2.6	.7	.0													182	182	154	80
34/ 33	2.4	4.8	2.5	.6														257	257	200	141
32/ 31	2.9	4.8	2.5	.4														261	261	284	177
30/ 29	1.5	4.9	1.8	.4														212	212	239	203
28/ 27	1.1	3.6	1.4	.1														154	154	217	189
26/ 25	1.1	3.2	.7	.0														126	126	160	169
24/ 23	1.0	3.2	.9	.2														132	132	141	166
22/ 21	1.0	2.8	.6															109	109	126	181
20/ 19	.5	2.1	.6															79	79	98	129
18/ 17	.6	1.5	.4															60	60	82	110
16/ 15	.6	1.4	.0															52	52	56	96
14/ 13	.8	1.5																56	56	72	101
12/ 11	.8	1.4	.0															55	55	56	78
10/ 9	.5	1.0																39	39	38	74
8/ 7	.4	1.5																49	49	42	56
6/ 5	.4	.8																31	31	45	55
4/ 3	.1	.5																16	16	21	44
2/ 1	.4	.8																28	28	29	38
0/- 1	.7	.1																21	21	25	20

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
- 2/- 3	.3	.1																10	10	11	2
-4 /- 5	.2																	6	6	5	1
- 6/- 7	.1																	3	3	3	2
- 8/- 9	.1																	1	1	1	2
-10/-11	.0																	1	1	1	7
-12/-13																					5
-14/-15																					4
-16/-17																					5
-18/-19																					1
-20/-21																					1
TOTAL	20.4	50.8	21.1	6.1	1.0	.5												2478	2478		247
																				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.	15747583	194601	78.5	13.705	2478							
Dry Bulb	2474770	72188	29.1	12.251	2478	12.6	450.7					744.0
Wet Bulb	2171194	67488	27.2	11.597	2478	14.7	526.9					744.0
Dew Point	1719562	56776	22.9	13.001	2478	42.9	602.9					744.0



PSYCHROMETRIC SUMMARY

14855 | GLENVIEW, IL | 73-82 | ALL

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99										.0	.0							2	2		
98/ 97										.0	.0	.0	.0					7	7		
96/ 95								.3	.0	.0	.0	.0						22	22		
94/ 93							.0	.0	.0	.0	.0	.0	.0	.0				40	40		
92/ 91						.0	.0	.0	.1	.1	.0	.3		.0	.0			67	67		
90/ 89					.0	.0	.0	.1	.1	.1	.0	.0	.0	.0				133	133		
88/ 87				.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0				223	223		
86/ 85			.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0				257	257		
84/ 83		.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0				335	335	2	
82/ 81			.0	.1	.2	.3	.3	.2	.2	.1	.1	.0	.0					464	464	17	1
80/ 79	.0	.0	.1	.3	.3	.3	.3	.2	.2	.1	.0	.0	.0					558	558	32	5
78/ 77	.0	.0	.2	.4	.4	.3	.3	.3	.2	.1	.0	.0	.0					691	681	128	24
76/ 75	.0	.1	.4	.3	.5	.4	.4	.3	.2	.1	.0	.0						812	812	301	65
74/ 73	.1	.3	.6	.5	.4	.4	.3	.3	.2	.1	.0	.0						909	909	512	211
72/ 71	.2	.6	.6	.6	.4	.5	.4	.2	.1	.1	.0							1041	1041	855	424
70/ 69	.3	.7	.7	.5	.5	.4	.4	.2	.1	.0	.0							1145	1145	968	760
68/ 67	.3	.6	.7	.6	.5	.4	.3	.2	.1	.0	.0							1056	1056	1109	866
66/ 65	.2	.7	.7	.6	.5	.3	.2	.1	.1	.0								1001	1001	1124	837
64/ 63	.2	.8	.6	.6	.4	.3	.2	.1	.1	.0								992	992	1169	968
62/ 61	.2	.7	.6	.6	.5	.3	.2	.1	.0	.0								941	941	1246	883
60/ 59	.2	.7	.6	.6	.4	.3	.2	.1	.0	.0								898	898	1227	1009
58/ 57	.2	.7	.7	.6	.4	.2	.2	.1	.0									891	891	1116	1067
56/ 55	.2	.6	.7	.4	.4	.3	.2	.1	.0									856	856	1002	1009
54/ 53	.2	.6	.6	.5	.4	.3	.2	.0	.0									817	817	1037	1029
52/ 51	.2	.7	.6	.5	.4	.3	.1	.0										793	793	936	1045
50/ 49	.3	.6	.7	.6	.4	.2	.1	.0										810	810	902	1049
48/ 47	.2	.6	.6	.5	.4	.1	.0	.0										762	762	828	999
46/ 45	.2	.7	.7	.7	.3	.1	.0											795	795	941	835
44/ 43	.2	.7	.7	.5	.2	.1	.0											730	730	939	825
42/ 41	.3	.7	.9	.6	.2	.0	.0											778	778	880	819
40/ 39	.2	.7	1.1	.5	.1	.0												807	807	877	785
38/ 37	.3	1.3	.9	.6	.1													925	925	913	857
36/ 35	.6	1.3	1.2	.4	.0													1025	1025	1149	1004
34/ 33	.6	1.7	.9	.3	.0													1042	1042	1120	1185

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

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) ALL (MONTH)

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31	.7	1.5	.9	.2	.0													973	973	1224	121
30/ 29	.5	1.4	.7	.1	.0													775	775	996	114
28/ 27	.4	1.2	.6	.1														665	665	843	104
26/ 25	.4	1.2	.4	.0														591	591	719	96
24/ 23	.4	1.1	.3	.0														523	523	616	887
22/ 21	.3	1.0	.2															429	429	507	76
20/ 19	.3	.7	.2	.0														342	342	446	659
18/ 17	.2	.7	.1															291	291	325	541
16/ 15	.2	.6	.1															252	252	294	464
14/ 13	.3	.6	.0															257	257	281	41
12/ 11	.3	.7	.0															279	279	297	34
10/ 9	.3	.6	.0															256	256	264	321
8/ 7	.2	.5																195	195	211	299
6/ 5	.2	.4	.0															165	165	188	249
4/ 3	.2	.3	.0															143	143	153	224
2/ 1	.1	.3	.2															131	131	147	207
0/- 1	.3	.1	.0															106	106	128	181
- 2/- 3	.2	.1																76	76	80	137
- 4/- 5	.1	.0																44	44	55	157
- 6/- 7	.1	.0																29	29	30	104
- 8/- 9	.1																	21	21	24	91
-10/-11	.1	.0																18	18	18	57
-12/-13	.0	.0																14	14	14	54
-14/-15	.0																	10	10	10	34
-16/-17	.0	.0																5	5	4	28
-18/-19	.0																	3	6	4	15
-20/-21	.0																	2	2	2	14
-22/-23	.0																	2	2	2	9
-24/-25																					3
-26/-27																					6
-28/-29																					4
-30/-31																					0
-32/-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												

PSYCHROMETRIC SUMMARY

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS) ALL (MONTH)

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Poi
TOTAL	11.9	22.1	19.7	12.8	9.6	6.2	4.7	3.3	2.3	1.2	.6	.3	.1	.0	.0			29212	29215	29212	2921

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.	160362751	2100731	71.9	17.835	29212	99.7	1976.6	2325.8	1353.2	547.6	21.3	8760.
Dry Bulb	85726244	1455332	49.8	21.280	29215	111.2	2361.6	1177.4	297.7	9.6		8760.
Wet Bulb	69420167	1315195	45.0	18.692	29212	271.4	3198.7	707.5	147.0	2.4		8760.
Dew Point	58084037	1170663	40.1	19.554	29212							

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14 55 — STATION
GLENVIEW, IL — STATION NAME
73-82 — YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	19.1	23.9	35.5	45.6	55.3	64.2	70.1	68.9	61.7	50.3	39.8	28.1	47.9
	S. D.	14.012	13.041	11.165	11.239	9.699	7.802	6.196	5.815	7.978	9.586	11.666	12.042	19.844
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	17.8	22.5	34.0	43.9	53.6	62.2	68.2	66.9	59.8	48.2	38.1	27.1	45.3
	S. D.	14.322	13.372	11.306	11.035	9.436	7.441	6.204	5.965	8.171	9.349	11.594	12.344	19.648
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	16.6	21.7	32.7	43.1	54.3	63.5	68.7	66.4	58.5	46.9	37.1	26.4	44.8
	S. D.	14.591	13.721	11.217	10.725	9.142	6.867	5.290	5.707	8.313	9.339	11.606	12.712	20.051
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	16.7	25.0	37.4	50.0	62.2	71.1	76.6	74.1	66.5	53.8	40.6	28.1	50.5
	S. D.	13.757	12.661	11.009	11.588	10.817	7.860	6.468	5.522	7.958	8.531	11.147	12.248	21.906
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	23.5	30.2	41.7	53.5	66.0	74.5	80.3	78.4	71.2	59.2	45.3	32.3	54.8
	S. D.	12.871	11.984	11.772	12.689	12.048	9.000	7.420	6.589	9.000	9.641	11.705	11.649	21.873
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	23.9	30.6	42.5	54.1	66.3	75.1	80.8	78.7	71.5	59.5	45.6	32.4	55.2
	S. D.	12.961	12.117	12.155	13.204	11.704	9.514	7.648	6.921	9.542	10.013	12.117	11.852	22.026
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
	MEAN	21.5	27.4	40.0	51.3	62.8	72.4	78.2	75.8	67.6	55.3	42.7	30.1	52.2
	S. D.	13.400	12.356	11.877	12.889	11.115	9.395	7.198	6.520	8.605	9.255	11.730	11.903	21.719
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	20.2	25.5	37.5	47.6	57.5	66.8	72.8	71.3	63.7	52.4	40.6	28.8	48.8
	S. D.	13.832	12.562	11.341	11.734	10.116	8.098	6.302	5.929	7.894	9.326	11.401	11.907	20.299
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	20.2	25.9	37.7	48.6	59.8	68.7	74.5	72.6	65.1	53.2	41.2	29.1	49.8
	S. D.	13.927	13.088	11.945	12.543	11.609	9.595	8.202	7.667	9.628	10.352	11.966	12.252	21.280
	TOTAL OBS	2482	2256	2480	2400	2480	2400	2479	2480	2400	2480	2400	2478	29215

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14555 GLENVIEW, IL 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	18.1	22.4	33.0	41.3	50.5	59.0	65.4	65.3	57.8	46.8	37.0	26.5	43.7
	S. D.	13.567	12.297	10.196	9.675	8.510	7.105	5.805	5.862	7.710	8.833	11.024	11.516	18.500
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	17.0	21.3	31.8	40.4	49.7	58.3	64.5	64.2	56.7	45.4	35.9	25.7	42.7
	S. D.	13.792	12.796	10.442	9.778	8.606	7.098	5.885	6.139	8.255	8.850	11.161	11.897	18.636
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	15.8	20.6	30.8	40.1	50.6	59.5	65.1	64.0	56.1	44.5	35.1	25.1	42.4
	S. D.	14.035	13.187	10.566	9.706	8.559	6.818	5.238	5.903	8.401	8.933	11.209	12.210	19.110
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	17.7	23.4	34.1	44.0	54.4	62.5	68.1	67.1	60.1	48.7	37.7	26.5	45.5
	S. D.	13.068	11.912	9.948	9.638	8.681	6.648	5.345	5.094	7.590	8.155	10.528	11.751	19.224
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	21.3	27.1	36.7	45.7	55.9	63.4	68.9	68.3	61.4	51.1	40.3	29.5	47.6
	S. D.	12.044	10.524	9.734	9.787	8.874	6.793	5.505	5.386	7.382	8.299	10.382	10.953	18.260
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	21.6	27.3	37.0	45.7	55.8	63.4	68.7	68.4	61.2	51.1	40.2	29.5	47.6
	S. D.	12.114	10.600	9.725	9.831	8.507	6.971	5.564	5.461	7.255	8.236	10.580	11.022	18.175
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
	MEAN	19.9	25.1	35.6	44.1	54.0	62.1	67.8	67.4	59.8	49.3	38.8	28.0	46.1
	S. D.	12.790	11.295	9.879	9.860	8.481	7.118	5.660	5.741	7.026	8.281	10.696	11.268	18.475
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	18.9	23.7	34.4	42.3	51.6	60.0	66.3	66.2	58.5	47.9	37.6	27.0	44.7
	S. D.	13.317	11.768	10.064	9.845	8.220	7.131	5.548	5.870	7.276	8.438	10.727	11.407	18.382
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	18.8	23.9	34.2	42.9	52.8	61.0	66.9	66.4	59.0	48.1	37.8	27.2	45.0
	S. D.	13.229	12.038	10.272	9.973	8.860	7.217	5.795	5.911	7.843	8.799	10.918	11.598	18.693
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2479	2480	2400	2480	2400	2478	29212

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14855 (STATION) GLENVIEW, IL (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN	13.7	18.1	28.7	36.0	46.1	55.4	62.8	63.2	54.9	43.2	32.9	22.6	39.9
	S. D.	15.643	13.409	11.198	10.683	9.642	8.250	6.655	6.722	8.618	9.804	12.251	12.909	19.634
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	12.6	17.6	28.0	36.1	46.1	55.4	62.4	62.5	54.4	42.5	32.4	22.3	39.5
	S. D.	15.869	13.894	11.231	10.555	9.587	8.055	6.500	6.861	9.220	9.664	12.316	13.151	19.792
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
06	MEAN	11.5	17.1	27.5	36.4	47.2	56.7	63.0	62.7	54.2	41.9	32.0	21.7	39.5
	S. D.	16.063	14.237	11.318	10.459	9.699	7.849	6.050	6.559	9.179	9.754	12.304	13.365	20.228
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	13.0	18.9	28.7	37.0	47.9	56.9	63.4	63.2	55.6	43.7	33.4	22.8	40.5
	S. D.	14.739	12.948	11.315	11.056	10.419	8.444	6.906	6.768	9.150	9.751	11.735	13.075	19.846
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	15.0	20.4	29.2	37.0	47.8	56.2	62.7	62.9	54.6	43.4	33.7	24.0	40.7
	S. D.	14.039	11.683	11.152	11.659	10.758	8.970	7.413	7.288	9.374	10.460	11.966	12.839	19.189
	TOTAL OBS	313	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	15.0	20.4	29.1	36.4	47.2	55.8	62.2	62.7	54.2	43.1	33.2	23.8	40.4
	S. D.	14.279	11.662	10.903	11.607	10.572	9.245	7.339	7.333	8.976	10.405	12.262	12.800	19.071
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
18	MEAN	14.5	19.6	29.0	35.8	46.3	55.2	62.0	62.7	54.3	43.3	33.4	23.3	40.1
	S. D.	14.813	12.386	11.078	11.547	10.844	9.344	7.488	7.569	8.438	10.249	12.105	12.887	19.244
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
21	MEAN	14.2	19.2	29.5	36.0	46.4	55.2	62.6	63.3	54.8	43.5	33.1	22.8	40.2
	S. D.	15.335	12.916	11.176	11.097	9.591	8.861	6.812	7.101	8.366	9.709	12.070	12.967	19.391
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	13.7	18.9	28.7	36.3	46.9	55.8	62.6	62.9	54.6	43.1	33.0	22.9	40.1
	S. D.	15.136	12.954	11.173	11.085	10.162	8.654	6.914	7.028	8.921	9.980	12.122	13.002	19.555
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2479	2480	2400	2480	2400	2478	29212

NAVWEASERVCOM

RELATIVE HUMIDITY

14855 GLENVIEW, IL 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	99.7	99.4	97.7	93.2	77.7	52.3	23.5	80.0	310
	03	100.0	100.0	99.4	99.0	98.1	92.2	77.7	51.8	23.6	80.1	309
	06	100.0	99.7	99.4	99.0	97.7	93.9	80.3	51.3	24.8	80.5	310
	09	100.0	100.0	100.0	100.0	97.4	92.6	70.6	44.8	22.9	78.6	310
	12	100.0	100.0	100.0	99.0	91.0	70.3	50.3	28.4	13.2	70.9	310
	15	100.0	100.0	100.0	96.8	89.0	70.0	50.0	29.4	13.2	70.3	310
	18	100.0	100.0	100.0	99.4	94.5	84.5	63.5	38.4	16.1	75.4	310
	21	100.0	100.0	100.0	99.0	96.1	91.0	72.6	45.2	21.0	78.2	310
TOTALS		100.0	100.0	99.8	99.0	95.2	86.0	67.8	42.7	19.8	76.8	2479

NAVWEASERVCOM

RELATIVE HUMIDITY

14855 GLENVIEW, IL 73-82 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%		
FEB	00	100.0	100.0	100.0	100.0	98.6	92.6	76.2	50.7	20.2	79.2	282
	03	100.0	100.0	100.0	100.0	100.0	96.8	83.0	58.9	24.5	81.8	282
	06	100.0	100.0	100.0	100.0	99.6	96.1	87.6	60.3	27.0	82.9	282
	09	100.0	100.0	100.0	100.0	99.6	89.4	70.9	42.6	23.0	78.3	282
	12	100.0	100.0	99.6	96.5	88.7	66.3	41.8	27.0	11.7	68.6	282
	15	100.0	100.0	99.6	96.5	86.5	66.0	39.7	22.3	6.4	67.5	282
	18	100.0	100.0	100.0	99.3	95.4	78.7	59.2	32.6	13.5	73.6	282
	21	100.0	100.0	100.0	99.6	98.9	92.6	70.9	44.7	13.5	77.6	282
TOTALS		100.0	100.0	99.9	99.0	95.9	84.8	66.2	42.4	17.5	76.2	2256

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
14855	GLENVIEW, IL	73-82	MAR

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	00	100.0	100.0	99.4	98.1	97.1	90.3	70.6	43.9	19.7	77.6	310
	03	100.0	100.0	100.0	99.7	97.4	92.6	76.1	51.0	25.2	79.9	310
	06	100.0	100.0	100.0	100.0	99.7	96.5	80.6	55.8	30.0	82.3	310
	09	100.0	100.0	100.0	99.0	92.9	75.8	48.7	30.0	17.7	72.1	310
	12	100.0	100.0	98.1	90.0	73.5	51.9	34.5	22.3	11.0	63.8	310
	15	100.0	100.0	97.1	83.9	71.3	51.9	31.6	18.7	7.7	62.1	310
	18	100.0	100.0	97.7	91.0	81.6	68.1	44.5	26.1	13.2	67.8	310
	21	100.0	100.0	99.4	97.7	93.2	82.9	61.6	38.4	17.7	74.7	310
TOTALS		100.0	100.0	99.0	94.9	88.3	76.3	56.0	35.8	17.8	72.5	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

10855	GLENVIEW, IL	73-82	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	00	100.0	100.0	99.0	94.7	85.0	72.7	55.3	34.3	17.3	71.7	300
	03	100.0	100.0	100.0	98.0	92.7	81.3	65.0	40.3	20.3	75.8	300
	06	100.0	100.0	100.0	99.3	94.7	86.7	70.7	49.0	25.0	78.8	300
	09	100.0	100.0	98.7	89.3	70.3	52.0	36.7	23.0	11.7	64.0	300
	12	100.0	99.3	91.0	74.7	57.3	41.0	26.7	18.3	7.3	57.6	300
	15	100.0	97.7	86.7	71.7	55.3	41.0	25.3	15.0	9.3	55.8	300
	18	100.0	98.7	90.0	79.0	61.7	46.3	33.0	20.7	10.0	59.7	300
	21	100.0	99.7	97.7	90.0	79.3	62.3	44.7	26.3	14.3	67.2	300
TOTALS		100.0	99.4	95.4	87.1	74.5	60.4	44.7	28.4	14.4	66.3	2400

NAVWEASERVCOM

RELATIVE HUMIDITY

14855 GLENVIEW, IL 73-82 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00	100.0	100.0	100.0	97.4	88.1	77.4	58.7	34.8	15.8	73.4	310
	03	100.0	100.0	100.0	99.4	92.6	84.8	69.7	44.8	19.7	77.2	310
	06	100.0	100.0	100.0	99.4	96.1	86.1	69.7	47.1	21.6	78.3	310
	09	100.0	100.0	97.1	86.8	69.0	47.1	35.2	19.0	10.6	62.5	310
	12	100.0	99.7	90.0	74.5	56.5	38.4	24.8	13.5	6.8	55.8	310
	15	100.0	99.0	89.7	70.6	49.4	33.5	21.6	13.5	6.5	54.1	310
	18	100.0	100.0	92.6	77.4	58.7	43.2	30.3	18.7	9.0	58.7	310
	21	100.0	100.0	99.0	91.6	82.9	65.5	48.1	30.3	15.5	69.1	310
TOTALS		100.0	99.8	96.1	87.1	74.2	59.5	44.8	27.7	13.2	66.1	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

14855 GLENVIEW, IL 73-82 JUN

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%		
JUN	00	100.0	100.0	100.0	99.7	95.0	80.0	60.0	38.0	15.0	74.6	300
	03	100.0	100.0	100.0	100.0	98.3	90.3	74.0	52.7	21.3	79.8	300
	06	100.0	100.0	100.0	100.0	99.3	92.0	75.7	49.7	21.3	79.5	300
	09	100.0	100.0	99.7	92.3	73.3	55.0	29.7	17.0	6.7	63.1	300
	12	100.0	100.0	94.0	76.3	57.0	35.3	22.0	11.0	5.0	55.6	300
	15	100.0	100.0	93.7	72.0	51.0	35.0	20.7	11.7	4.0	54.3	300
	18	100.0	100.0	94.7	78.0	59.7	44.0	26.7	16.7	6.3	58.1	300
	21	100.0	100.0	100.0	93.0	81.0	65.7	47.3	28.7	11.3	68.5	300
TOTALS		100.0	100.0	97.8	88.9	76.8	62.2	44.5	28.2	11.4	66.7	2400

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
14855	GLENVIEW, IL	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	00	100.0	100.0	100.0	100.0	99.4	93.5	76.8	45.5	14.2	78.5	310
	03	100.0	100.0	100.0	100.0	100.0	97.4	86.5	62.9	19.4	82.3	310
	06	100.0	100.0	100.0	100.0	99.7	97.1	88.1	61.6	22.3	82.7	310
	09	100.0	100.0	100.0	98.4	84.8	57.7	33.9	17.1	6.5	65.3	310
	12	100.0	100.0	99.0	86.8	60.0	36.5	22.3	9.4	2.3	57.0	310
	15	100.0	100.0	99.0	83.8	54.0	32.0	16.5	6.8	2.9	55.0	309
	18	100.0	100.0	99.4	89.7	68.7	40.6	24.5	12.3	2.3	59.4	310
	21	100.0	100.0	100.0	99.7	93.2	79.7	51.6	28.1	9.4	71.8	310
TOTALS		100.0	100.0	99.7	94.8	82.5	66.8	50.0	30.5	9.9	69.0	2479

NAVWEASERVCOM

RELATIVE HUMIDITY

14455 GLENVIEW, IL 73-82 AUG

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%		
AUG	00	100.0	100.0	100.0	100.0	99.7	97.4	87.4	60.6	22.9	82.7	310
	03	100.0	100.0	100.0	100.0	99.7	99.0	93.5	75.2	31.6	86.2	310
	06	100.0	100.0	100.0	100.0	100.0	100.0	93.9	81.9	45.2	88.4	310
	09	100.0	100.0	100.0	99.0	92.9	72.9	44.8	28.7	11.3	70.3	310
	12	100.0	100.0	100.0	93.5	71.9	43.9	26.5	13.2	4.8	60.8	310
	15	100.0	100.0	99.7	93.9	67.1	42.6	23.5	12.9	3.9	59.8	310
	18	100.0	100.0	99.7	96.1	84.8	58.1	35.8	19.7	6.5	65.7	310
	21	100.0	100.0	100.0	100.0	99.0	89.7	66.5	41.0	15.2	76.8	310
TOTALS		100.0	100.0	99.9	97.8	89.4	75.5	59.0	41.7	17.7	73.8	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

14855 GLENVIEW, IL 73-82 SEP

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%		
SEP	00	100.0	100.0	100.0	100.0	98.7	94.0	75.7	49.3	15.7	79.5	300
	03	100.0	100.0	100.0	100.0	99.7	96.7	84.7	63.7	23.7	83.1	300
	06	100.0	100.0	100.0	100.0	100.0	98.0	89.7	74.7	33.3	86.0	300
	09	100.0	100.0	100.0	99.7	91.7	72.7	44.3	22.3	8.3	69.3	300
	12	100.0	100.0	99.3	85.7	59.7	38.3	22.3	11.0	5.3	58.0	300
	15	100.0	100.0	98.3	83.7	58.7	37.7	18.7	12.7	4.7	56.8	300
	18	100.0	100.0	100.0	95.3	78.7	55.0	34.3	19.3	5.0	64.6	300
	21	100.0	100.0	100.0	100.0	95.7	83.3	59.0	35.7	11.0	74.0	300
TOTALS		100.0	100.0	99.7	95.6	85.4	72.0	53.6	36.1	13.4	71.4	2400

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
14855	GLENVIEW, IL	73-82	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00	100.0	100.0	100.0	99.7	96.1	86.8	71.6	44.8	24.2	78.2	310
	03	100.0	100.0	100.0	99.7	98.1	93.2	79.0	53.9	28.1	81.8	310
	06	100.0	100.0	100.0	99.7	98.7	94.8	85.2	61.3	30.6	83.5	310
	09	100.0	100.0	100.0	99.4	92.3	71.3	44.2	21.3	10.6	69.8	310
	12	100.0	100.0	98.4	86.5	61.0	38.4	23.2	13.5	5.5	58.2	310
	15	100.0	100.0	96.8	81.6	59.4	39.4	21.6	12.6	5.5	57.1	310
	18	100.0	100.0	99.7	94.5	80.0	59.7	40.0	22.6	8.1	66.3	310
	21	100.0	100.0	100.0	99.0	93.2	73.5	58.1	36.5	17.1	73.6	310
TOTALS		100.0	100.0	99.4	95.0	84.9	69.6	52.9	33.3	16.2	71.1	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
14 55	GLENVIEW, IL	73-92	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	00	100.0	100.0	100.0	98.7	96.7	85.3	68.3	47.0	21.3	77.7	300
	03	100.0	100.0	100.0	99.7	98.0	92.3	79.0	54.0	28.7	81.0	300
	06	100.0	100.0	100.0	99.7	98.3	94.3	83.0	60.0	32.3	82.6	300
	09	100.0	100.0	100.0	99.3	95.7	84.7	66.3	42.3	20.7	77.1	300
	12	100.0	100.0	99.3	94.0	80.0	57.7	39.7	24.0	10.0	66.1	300
	15	100.0	100.0	99.0	91.7	73.7	55.0	39.7	22.3	9.3	64.6	300
	18	100.0	99.7	99.3	96.3	88.3	72.7	54.0	33.7	14.7	71.7	300
	21	100.0	100.0	100.0	99.0	94.3	81.0	65.3	41.3	18.3	76.0	300
TOTALS		100.0	100.0	99.7	97.3	90.6	77.9	61.9	40.6	19.4	74.6	2400

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1[illegible]55	GLENVIEW, IL	73-92	DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	[illegible]	100.0	100.0	100.0	100.0	99.0	93.2	77.7	53.5	22.3	80.5	310
	03	100.0	100.0	100.0	100.0	99.0	96.1	83.5	60.0	26.8	82.7	310
	06	100.0	100.0	100.0	100.0	99.4	96.8	83.5	63.9	34.2	83.3	310
	[illegible]	100.0	100.0	100.0	100.0	98.7	94.2	78.1	52.3	27.7	81.2	310
	12	100.0	100.0	100.0	99.0	92.9	76.5	52.6	32.3	15.5	72.7	310
	15	100.0	100.0	100.0	98.4	94.2	76.1	51.0	27.4	14.2	72.0	310
	18	100.0	100.0	100.0	99.7	97.7	89.6	68.6	41.1	15.2	76.8	309
	21	100.0	100.0	100.0	100.0	98.1	93.2	76.4	47.9	19.4	79.0	309
TOTALS		100.0	100.0	100.0	99.6	97.4	89.5	71.4	47.3	21.9	78.5	2478

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
14 55	GLENVIEW, IL	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	100.0	99.8	99.0	95.2	86.0	67.8	42.7	19.8	76.8	2479
FEB		100.0	100.0	99.9	99.0	95.9	84.8	66.2	42.4	17.5	76.2	2256
MAR		100.0	100.0	99.0	94.9	88.3	76.3	56.0	35.8	17.8	72.5	2480
APR		100.0	99.4	95.4	87.1	74.5	60.4	44.7	28.4	14.4	66.3	2400
MAY		100.0	99.8	96.1	87.1	74.2	59.5	44.8	27.7	13.2	66.1	2480
JUN		100.0	100.0	97.8	88.9	76.8	62.2	44.5	28.2	11.4	66.7	2400
JUL		100.0	100.0	99.7	94.8	82.5	66.8	50.0	30.5	9.9	69.0	2479
AUG		100.0	100.0	99.9	97.8	89.4	75.5	59.0	41.7	17.7	73.8	2480
SEP		100.0	100.0	99.7	95.6	85.4	72.0	53.6	36.1	13.4	71.4	2400
OCT		100.0	100.0	99.4	95.0	84.9	69.6	52.9	33.3	16.2	71.1	2480
NOV		100.0	100.0	99.7	97.3	90.6	77.9	61.9	40.6	19.4	74.6	2400
DEC		100.0	100.0	100.0	99.6	97.4	89.5	71.4	47.3	21.9	78.5	2478
TOTALS		100.0	99.9	98.9	94.7	86.3	73.4	56.1	36.2	16.1	71.9	29212

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14855 GLENVIEW, IL JANUARY 1973-DECEMBER 1982 JANUARY

STATION STATION NAME YEARS MONTH HOURS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61				50.0					50.0	2	.1
52 TO 56			4.5	4.5	40.9	40.9	9.1			22	.9
47 TO 51	3.8			3.8	23.1	53.8	11.5		3.8	26	1.0
42 TO 46	2.0		4.1	8.2	18.4	30.6	24.5	2.0	10.2	49	2.0
37 TO 41	3.8	3.1	6.9	11.5	17.6	19.1	26.0	4.6	7.6	131	5.3
32 TO 36	5.9	5.0	7.9	6.2	11.2	20.3	24.4	7.9	11.2	340	13.7
27 TO 31	16.7	6.2	5.9	4.1	11.7	11.7	26.4	9.1	8.2	341	13.7
22 TO 26	14.7	5.9	7.1	2.3	9.0	15.0	20.1	17.5	8.5	354	14.3
17 TO 21	15.9	2.4	1.6	3.6	8.8	13.1	22.7	20.3	11.6	251	10.1
12 TO 16	15.1	.4	1.2	1.2	5.0	8.1	30.2	32.6	6.2	258	10.4
7 TO 11	12.4	.4	.8		3.5	8.5	30.6	32.9	10.9	258	10.4
2 TO 6	6.7	.5			2.1	8.8	40.4	36.3	5.2	193	7.8
-3 TO 1	6.3			.7	2.8	10.6	43.7	28.2	7.7	142	5.7
-8 TO -4						10.0	56.7	26.7	6.7	60	2.4
-13 TO -9						10.0	56.7	26.7	6.7	30	1.2
-18 TO -14	5.0					5.0	45.0	45.0		20	.8
-23 TO -19							20.0	80.0		5	.2
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.9	2.9	3.7	3.1	8.4	13.8	28.6	19.9	8.6	2482	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14936 GLENVIEW, IL JANUARY 1973-DECEMBER 1982 FEBRUARY
STATION STATION NAME YEARS MONTH HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66						28.6	71.4			7	.3
57 TO 61	5.9				23.5	41.2	17.6	11.8		17	.8
52 TO 56					21.4	39.3	25.0	7.1	7.1	28	1.2
47 TO 51	3.3	1.6	3.3	6.6	23.0	31.1	26.2	1.6	3.3	61	2.7
42 TO 46	3.7	3.7	6.4	6.4	17.4	37.6	15.6	3.7	5.5	109	4.8
37 TO 41	4.7	7.0	13.1	5.1	8.9	18.2	24.3	9.3	9.3	214	9.5
32 TO 36	9.8	14.9	14.1	3.2	8.0	14.6	18.9	8.0	8.5	376	16.7
27 TO 31	9.6	13.9	17.1	4.1	3.2	11.6	16.8	11.3	12.5	345	15.3
22 TO 26	12.4	11.8	11.8	3.4	4.3	17.3	15.2	11.8	12.1	323	14.3
17 TO 21	15.9	4.0	3.1	4.0	7.5	17.2	18.9	13.2	16.3	227	10.1
12 TO 16	22.2	2.1		3.2	2.6	15.3	14.3	26.5	13.8	189	8.4
7 TO 11	14.3	.6	2.9	.6	3.4	8.0	20.0	30.9	19.4	175	7.8
2 TO 6	11.9		3.7	1.8	2.8	8.3	37.6	23.9	10.1	109	4.8
-3 TO 1	5.9				3.9	27.5	35.3	19.6	7.8	51	2.3
-8 TO -4						22.2	50.0	27.8		18	.8
-13 TO -9							71.4		28.6	7	.3
-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	10.9	7.8	9.0	3.4	6.6	16.8	20.2	13.8	11.4	2256	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MARCH (MONTH) (HOURS)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81					25.0	50.0	25.0			4	.2
72 TO 76					9.1	63.6	27.3			11	.4
67 TO 71					21.1	52.6	26.3			19	.8
62 TO 66			1.5	4.4	32.4	45.6	14.7	1.5		68	2.7
57 TO 61		3.3		12.0	37.0	30.4	14.1	3.3		92	3.7
52 TO 56	2.9	.7	4.3	14.5	23.2	23.9	14.5	8.7	7.2	138	5.6
47 TO 51	4.7	4.7	8.3	9.5	18.3	20.1	18.9	8.3	7.1	169	6.8
42 TO 46	7.0	7.9	10.3	4.3	16.2	11.9	16.9	9.6	15.9	302	12.2
37 TO 41	8.9	15.2	17.5	5.9	5.7	9.3	13.6	14.5	9.3	440	17.7
32 TO 36	13.2	15.6	16.9	4.5	4.7	10.0	13.9	9.4	11.7	531	21.4
27 TO 31	14.3	14.9	13.7	1.8	2.1	6.0	15.2	13.4	18.5	335	13.5
22 TO 26	14.7	5.3	7.9	1.6	4.2	9.5	18.4	23.7	14.7	190	7.7
17 TO 21	19.4	1.1	9.7		3.2	6.5	16.1	32.3	11.8	93	3.8
12 TO 16	6.7	1.7	3.3		6.7	11.7	30.0	23.3	16.7	60	2.4
7 TO 11	11.8					5.9	41.2	23.5	17.6	17	.7
2 TO 6					11.1		44.4	33.3	11.1	9	.4
-3 TO 1							100.0			1	.0
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.8	10.0	11.7	4.9	10.0	13.2	16.1	12.7	11.6	2479	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14855 GLENVIEW, IL JANUARY 1973-DECEMBER 1982 APRIL

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91						100.0				3	.1
82 TO 86					10.0	45.0	35.0	5.0	5.0	20	.8
77 TO 81			3.2	9.7	16.1	51.6	19.4			31	1.3
72 TO 76			3.4	1.7	28.8	44.1	18.6	1.7	1.7	59	2.5
67 TO 71	1.8	.9	5.3	5.3	31.0	36.3	12.4	1.8	5.3	113	4.7
62 TO 66	1.1	1.6	4.3	6.4	37.8	28.2	11.7	3.7	5.3	188	7.8
57 TO 61	4.8	4.8	12.0	11.1	19.7	17.8	15.9	5.3	8.7	208	8.7
52 TO 56	5.3	9.8	16.2	10.2	15.5	11.7	14.7	9.8	6.8	265	11.0
47 TO 51	9.1	18.0	15.3	9.1	11.2	5.3	10.3	8.0	13.6	339	14.1
42 TO 46	15.8	20.3	17.2	7.9	3.3	3.6	12.4	7.7	11.7	418	17.4
37 TO 41	15.2	21.8	17.3	3.6	2.1	3.6	9.6	7.2	19.7	335	14.0
32 TO 36	16.5	24.4	12.0	5.2	2.1	4.5	7.6	10.0	17.9	291	12.1
27 TO 31	12.4	21.3	13.5		1.1	2.2	7.9	14.6	27.0	89	3.7
22 TO 26	11.5	3.8	15.4				15.4	30.8	23.1	26	1.1
17 TO 21	9.1						45.5	45.5		11	.5
12 TO 16								50.0	50.0	4	.2
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	10.0	14.6	13.3	6.8	11.6	11.5	12.0	7.8	12.5	2400	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14355 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (MONTH) (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96					100.0					1	.0
87 TO 91			6.5	9.7	25.8	41.9	12.9	3.2		31	1.3
82 TO 86			4.0	13.3	24.0	38.7	13.3	6.7		75	3.0
77 TO 81		5.6	8.0	10.4	20.8	22.4	23.2	6.4	3.2	125	5.0
72 TO 76	.5	3.9	13.1	7.8	18.0	24.8	19.4	6.3	6.3	206	8.3
67 TO 71	1.4	6.4	14.2	8.2	16.4	21.7	15.3	5.0	11.4	281	11.3
62 TO 66	2.9	13.0	16.0	5.9	11.7	14.0	16.6	5.5	14.3	307	12.4
57 TO 61	8.4	17.0	21.7	6.5	8.6	7.3	8.9	3.1	18.3	382	15.4
52 TO 56	7.8	20.6	19.9	5.2	4.0	5.0	7.3	8.0	22.2	423	17.1
47 TO 51	15.8	29.6	15.5	4.3	.6	1.7	4.9	8.9	18.7	348	14.0
42 TO 46	17.5	26.8	11.9	2.1	1.0	1.0	7.2	4.6	27.8	194	7.8
37 TO 41	28.1	22.5	7.9			3.4	7.9	7.9	22.5	89	3.6
32 TO 36	11.1	16.7	5.6				11.1	5.6	50.0	18	.7
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.9	16.3	15.4	6.0	9.1	11.5	11.4	6.1	16.3	2480	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14855 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JUNE (MONTH) (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96					22.2	44.4	33.3			9	.4
87 TO 91	2.7	1.4	1.4	2.7	9.5	47.3	31.1	4.1		74	3.1
82 TO 86	1.1	2.9	7.5	4.0	16.1	30.5	29.9	5.2	2.9	174	7.3
77 TO 81	1.9	5.1	11.7	5.8	14.4	24.5	26.1	6.2	4.3	257	10.7
72 TO 76	4.2	5.6	12.0	6.6	12.9	20.0	18.3	8.5	12.0	426	17.8
67 TO 71	4.6	9.9	10.8	9.9	11.0	13.2	15.0	7.3	18.1	453	18.9
62 TO 66	6.5	12.3	12.3	6.0	9.6	8.2	16.1	6.3	22.8	416	17.3
57 TO 61	10.0	23.0	12.4	3.0	3.3	6.1	12.4	3.9	25.8	330	13.8
52 TO 56	19.4	28.8	12.0		.5	1.0	3.1	2.6	32.5	191	8.0
47 TO 51	31.3	26.6	3.1					4.7	34.4	64	2.7
42 TO 46	16.7							16.7	66.7	6	.3
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	6.9	12.0	10.9	5.5	9.6	14.8	16.9	6.0	17.4	2400	100.0

NAVWEASERVCOM

3

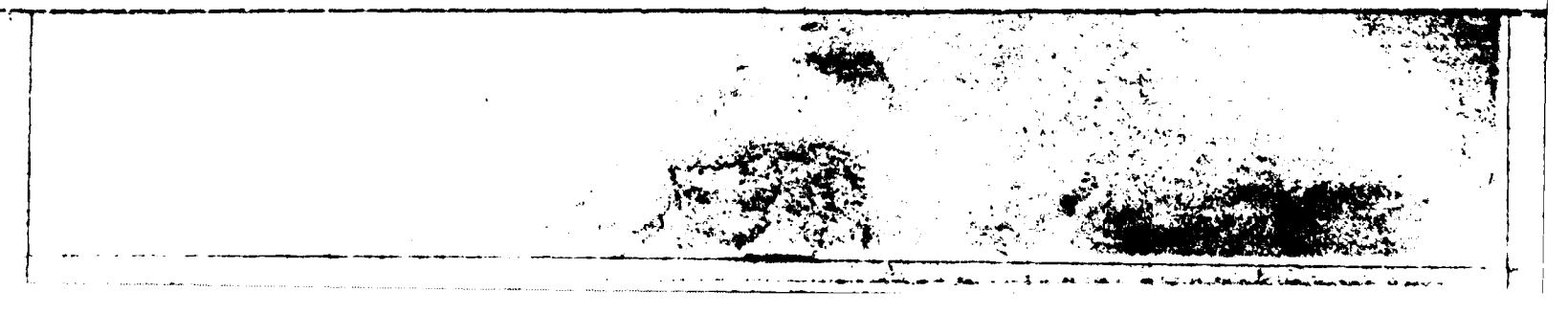
PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14855 STATION | GLENVIEW, IL STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | JULY MONTH | HOURS L.S.T.

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101			12.5			75.0		12.5		8	.3
92 TO 96	3.6	1.8	1.8		3.6	28.6	57.1	1.8	1.8	56	2.3
87 TO 91	5.0	1.3	8.1	1.9	11.9	28.1	34.4	6.9	2.5	160	6.5
82 TO 86	3.3	4.4	11.7	6.6	11.7	22.3	27.4	9.9	2.9	274	11.1
77 TO 81	3.4	9.1	15.4	7.5	10.7	19.5	18.4	7.3	8.8	441	17.8
72 TO 76	4.7	13.5	18.2	6.1	7.6	16.1	12.5	4.0	17.2	576	23.2
67 TO 71	10.3	19.0	12.3	4.7	6.7	6.1	9.6	3.4	28.0	554	22.3
62 TO 66	14.3	17.7	5.0	1.3	3.7	1.7	6.7	6.7	43.0	300	12.1
57 TO 61	9.4	14.6	1.0		1.0	3.1	6.3	9.4	55.2	96	3.9
52 TO 56	7.7								92.3	13	.5
47 TO 51									100.0	1	.0
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	6.9	12.3	12.3	4.8	7.8	14.1	15.9	5.8	20.2	2479	100.0

NAVWEASERVCOM



3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14358 GLENVIEW, IL JANUARY 1973-DECEMBER 1982 AUGUST
STATION STATION NAME YEARS MONTH HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101							100.0			1	.0
92 TO 96					17.4	47.8	34.8			23	.9
87 TO 91	2.2		1.1	1.1	14.3	40.7	30.8	5.5	4.4	91	3.7
82 TO 86	1.0	2.5	5.1	4.1	13.2	33.5	29.4	7.1	4.1	197	7.9
77 TO 81	2.2	4.2	16.7	8.2	14.2	24.6	16.9	4.5	8.5	402	16.2
72 TO 76	4.8	11.4	17.5	6.5	14.2	13.7	12.3	4.5	15.1	604	24.4
67 TO 71	8.0	14.1	11.6	5.4	11.6	11.2	9.2	5.7	23.4	654	26.4
62 TO 66	9.6	12.9	7.8	2.1	3.9	6.9	9.0	6.6	41.3	334	13.5
57 TO 61	19.5	3.0	4.5	1.5		5.3	8.3	6.0	51.9	133	5.4
52 TO 56	5.7						5.7	17.1	71.4	35	1.4
47 TO 51									100.0	6	.2
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	6.2	9.3	11.8	5.0	11.1	16.1	13.7	5.5	21.3	2480	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14355 GLENVIEW, IL 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											
97 TO 101											
92 TO 96			25.0			50.0	25.0			4	.2
87 TO 91			6.3		15.6	25.0	53.1			32	1.3
82 TO 86	1.1	1.1	2.2	1.1	18.3	41.9	26.9	5.4	2.2	93	3.9
77 TO 81	2.4	.6	4.1	1.8	23.5	35.3	20.6	6.5	5.3	170	7.1
72 TO 76	3.2	7.4	6.3	4.2	20.4	26.8	15.8	7.7	8.1	284	11.8
67 TO 71	8.5	12.9	9.8	5.9	12.4	17.0	14.4	6.5	12.6	459	19.1
62 TO 66	9.0	15.4	13.2	7.5	6.9	11.1	9.2	6.3	21.5	479	20.0
57 TO 61	16.0	12.8	9.4	4.8	7.5	6.8	10.9	10.4	21.3	413	17.2
52 TO 56	17.5	9.1	4.2	.7	6.3	7.7	13.3	14.0	27.3	286	11.9
47 TO 51	10.1		.7		2.9	4.3	10.1	30.2	41.7	139	5.8
42 TO 46	15.6					3.1	3.1	25.0	53.1	32	1.3
37 TO 41								16.7	83.3	6	.3
32 TO 36							33.3		66.7	3	.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.6	9.8	7.9	4.2	11.0	15.5	13.8	9.7	18.5	2400	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14935 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) (HOURS OBS'D)

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					62.5	37.5				8	.3
77 TO 81				4.2	37.5	45.8	12.5			24	1.0
72 TO 76	1.3	2.5	1.3	3.8	34.2	45.6	7.6	2.5	1.3	79	3.2
67 TO 71	.6	1.3	4.5	5.1	36.5	33.3	12.2	1.9	4.5	156	6.3
62 TO 66	.4	4.9	6.0	4.6	21.2	31.8	14.1	6.0	11.0	283	11.4
57 TO 61	3.5	11.3	5.5	5.2	13.3	19.7	19.1	7.8	14.5	345	13.9
52 TO 56	4.8	11.3	7.3	3.6	11.8	17.5	18.6	7.5	17.7	441	17.8
47 TO 51	11.7	11.5	5.9	4.6	6.5	9.8	15.7	13.2	21.1	479	19.3
42 TO 46	20.6	7.2	3.3	1.9	7.2	10.3	12.0	13.9	23.4	359	14.5
37 TO 41	11.7	4.1			6.1	8.2	15.8	24.0	30.1	196	7.9
32 TO 36	4.9				2.5	7.4	14.8	24.7	45.7	81	3.3
27 TO 31						8.3	25.0	16.7	50.0	24	1.0
22 TO 26						20.0			80.0	5	.2
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	7.8	7.9	4.7	3.5	13.2	18.0	15.5	10.7	18.7	2480	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] STATION | LENVIEW, IL STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | NOVEMBER MONTH | [illegible] HOUR

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76					30.0	60.0	10.0			10	.4
67 TO 71					10.5	52.6	21.1	5.3	10.5	19	.8
62 TO 66	1.1	1.1	2.1	2.1	23.4	51.1	9.6		9.6	94	3.9
57 TO 61	1.8	6.1	3.6	1.2	25.5	36.4	12.7	1.8	10.9	165	6.9
52 TO 56	1.3	11.3	6.7	2.5	18.0	28.5	13.4	6.3	12.1	239	10.0
47 TO 51	6.9	5.5	7.3	5.5	17.4	19.7	16.1	6.0	15.6	218	9.1
42 TO 46	10.8	10.5	10.8	4.7	11.1	17.7	17.5	7.2	9.7	361	15.0
37 TO 41	13.1	3.0	5.6	3.5	5.6	19.4	22.0	12.2	15.5	427	17.8
32 TO 36	11.9	3.1	4.4	1.8	9.0	11.4	23.8	18.9	15.8	387	16.1
27 TO 31	13.4		1.6	1.2	5.5	7.9	26.9	28.1	15.4	253	10.5
22 TO 26	15.6				5.9	7.4	31.9	21.5	17.8	135	5.6
17 TO 21	10.9				5.5	5.5	38.2	23.6	16.4	55	2.3
12 TO 16			7.1				35.7	28.6	28.6	14	.6
7 TO 11							69.2	30.8		13	.5
2 TO 6							71.4	28.6		7	.3
-3 TO 1							100.0			2	.1
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.3	4.7	5.2	2.7	11.4	19.1	21.0	12.8	13.8	2400	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14955 (STATION) GLENVIEW, IL (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH) (HOUR)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66				5.6	27.8	50.0	16.7			18	.7
57 TO 61				9.7	26.1	50.0	13.0		2.2	46	1.9
52 TO 56		2.0		2.0	32.0	48.0	4.0	4.0	8.0	50	2.0
47 TO 51		3.4	1.7	13.8	25.9	31.0	12.1	1.7	10.3	58	2.3
42 TO 46	10.5	17.1	2.9	2.9	18.1	24.6	17.1	2.9	3.8	105	4.2
37 TO 41	5.7	6.9	6.9	8.4	13.4	27.6	18.8	4.2	8.0	261	10.5
32 TO 36	10.0	7.4	8.6	4.0	10.9	18.8	18.1	9.3	12.8	569	23.0
27 TO 31	12.1	3.4	3.6	5.2	13.7	14.9	19.5	13.9	13.7	497	20.1
22 TO 26	17.4	4.0	3.7	1.6	7.8	17.1	22.1	15.3	10.9	321	13.0
17 TO 21	18.4			.5	7.0	17.8	25.4	23.8	7.0	185	7.5
12 TO 16	11.5				10.1	10.3	28.8	30.2	8.6	139	5.6
7 TO 11	5.4				8.9	5.4	33.9	37.5	8.9	112	4.5
2 TO 6	9.2					7.7	30.8	46.2	6.2	65	2.6
-3 TO 1	2.4						48.8	41.5	7.3	41	1.7
-8 TO -4							50.0	40.0	10.0	10	.4
-13 TO -9							100.0			1	.0
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	10.6	4.5	4.1	3.8	11.9	18.8	21.3	14.8	10.3	2479	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible], IL — JANUARY 1973-DECEMBER 1992 — ALL

(STATION NAME) (YEARS) (MONTH) (HOUR)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
97 TO 101			11.1			66.7	11.1	11.1		9	.0
92 TO 96	2.2	1.1	2.2		9.7	35.5	47.3	1.1	1.1	93	.3
87 TO 91	3.1	.8	4.8	2.3	13.3	36.2	32.7	5.1	2.0	392	1.3
82 TO 86	1.7	2.7	7.1	5.2	15.2	30.9	27.8	7.3	2.9	841	2.9
77 TO 81	2.3	5.4	12.6	6.9	15.3	25.1	19.9	5.8	6.7	1454	5.0
72 TO 76	3.8	9.0	13.7	5.9	14.5	20.5	14.6	5.5	12.4	2255	7.7
67 TO 71	6.5	11.9	10.7	6.3	13.4	15.5	12.3	5.1	18.3	2709	9.3
62 TO 66	6.3	11.2	9.3	4.9	12.6	15.7	12.1	5.6	22.4	2494	8.5
57 TO 61	8.6	12.3	9.9	5.2	11.4	13.9	12.5	5.9	20.3	2229	7.6
52 TO 56	7.7	12.8	10.2	4.5	11.0	14.0	12.2	8.2	19.3	2131	7.3
47 TO 51	10.6	13.6	8.9	5.7	9.4	10.7	12.3	10.2	18.6	1907	6.5
42 TO 46	13.2	12.8	9.8	4.5	9.2	12.2	14.0	8.4	15.8	1935	6.6
37 TO 41	10.7	10.4	10.5	4.8	6.9	13.9	17.1	11.1	14.7	2099	7.2
32 TO 36	10.9	10.9	10.5	3.9	7.6	13.4	17.7	10.9	14.1	2596	8.9
27 TO 31	12.9	8.2	8.4	3.3	7.5	10.5	20.0	14.4	14.6	1884	6.4
22 TO 26	14.8	6.1	6.9	2.0	6.4	14.3	20.2	17.1	12.3	1354	4.6
17 TO 21	16.4	1.9	2.4	2.3	7.1	13.9	22.9	21.0	12.0	822	2.8
12 TO 16	15.2	.9	.9	1.4	5.4	10.8	25.3	29.5	10.5	664	2.3
7 TO 11	11.3	.3	1.2	.2	4.3	7.5	29.2	32.9	13.0	575	2.0
2 TO 6	8.4	.3	1.0	.5	2.1	8.1	38.6	34.2	6.8	383	1.3
-3 TO 1	5.5			.4	2.5	12.2	43.7	28.2	7.6	238	.8
-8 TO -4						11.4	54.5	26.4	5.7	88	.3
-13 TO -9						7.9	60.5	21.1	10.5	38	.1
-18 TO -14	5.0					5.0	45.0	45.0		20	.1
-23 TO -19							20.0	80.0		5	.0
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	7.9	9.3	9.2	4.5	10.2	15.3	17.2	10.5	15.1	29214	100.0

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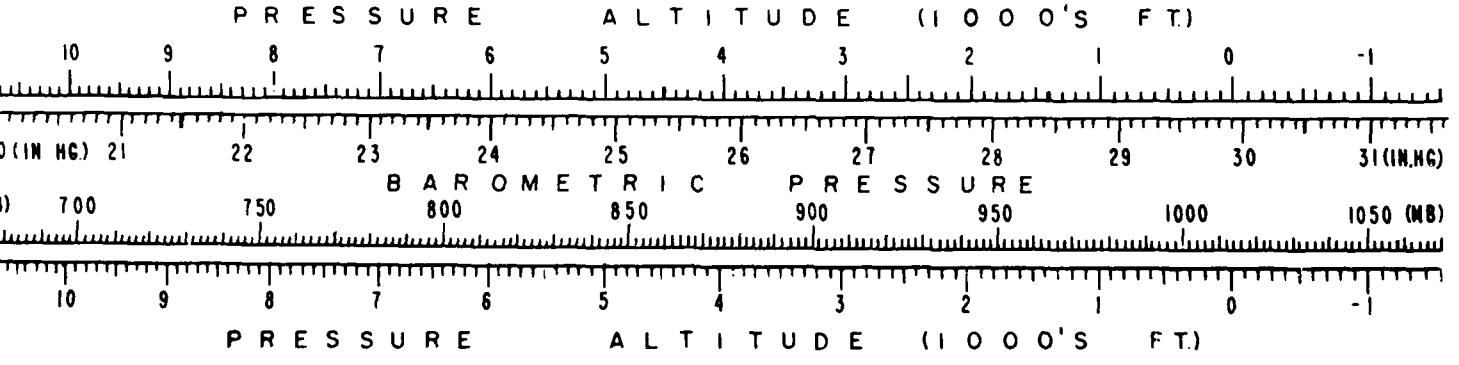
RT F PRESSURE SUMMARY

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

Station pressure in inches of mercury.

Sea-level pressure in millibars.

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



F

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14455 GLENVIEW, IL 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	1018.7	1019.4	1015.6	1015.7	1014.1	1014.2	1015.6	1016.8	1017.3	1017.7	1017.9	1018.0	1016.7
	S. D.	9.683	9.550	8.717	8.495	5.719	5.385	4.023	4.161	5.126	6.941	8.221	9.081	7.527
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1018.8	1019.0	1015.2	1015.4	1013.9	1014.0	1015.3	1016.5	1017.1	1017.7	1017.8	1018.0	1016.5
	S. D.	9.835	9.947	8.941	8.646	5.958	5.606	4.165	4.311	5.205	7.073	8.362	9.198	7.714
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1018.9	1019.2	1015.8	1016.2	1014.7	1014.7	1016.1	1017.3	1017.9	1018.2	1018.0	1018.0	1017.1
	S. D.	9.741	10.128	8.979	8.833	6.151	5.803	4.259	4.378	5.305	7.197	8.521	9.366	7.777
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
09	MEAN	1019.8	1020.0	1016.5	1016.7	1015.0	1015.0	1016.5	1017.8	1018.5	1018.9	1018.7	1018.8	1017.7
	S. D.	9.708	10.120	8.979	9.063	6.164	5.917	4.270	4.402	5.330	7.263	8.588	9.430	7.854
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
12	MEAN	1019.1	1019.6	1016.0	1016.2	1014.6	1014.6	1016.2	1017.3	1017.8	1018.1	1017.8	1018.0	1017.1
	S. D.	9.552	9.879	8.906	8.970	6.095	5.932	4.223	4.345	5.286	7.153	8.429	9.550	7.756
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1018.3	1018.7	1015.0	1015.3	1013.7	1013.8	1015.3	1016.3	1016.8	1017.1	1017.2	1017.3	1016.2
	S. D.	9.424	9.546	8.671	8.716	5.878	5.751	4.175	4.295	5.169	6.985	8.194	9.265	7.567
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1019.0	1019.4	1015.2	1015.3	1013.4	1013.4	1014.9	1016.0	1016.7	1017.5	1017.8	1018.0	1016.4
	S. D.	9.439	9.276	8.428	8.354	5.683	5.485	3.977	4.217	5.057	6.860	8.021	9.009	7.468
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
21	MEAN	1019.0	1019.7	1015.6	1016.1	1014.2	1014.2	1015.6	1016.7	1017.3	1017.9	1018.1	1018.3	1016.9
	S. D.	9.708	9.244	8.521	8.174	5.539	5.394	3.875	4.131	5.084	6.903	8.045	8.858	7.408
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	1018.9	1019.4	1015.6	1015.7	1014.2	1014.3	1015.7	1016.9	1017.4	1017.9	1017.9	1018.0	1016.8
	S. D.	9.632	9.709	8.770	8.661	5.916	5.676	4.147	4.310	5.219	7.055	8.297	9.217	7.647
	TOTAL OBS	2432	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2478	29216

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14355 GLENVIEW, IL 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	MEAN	29.354	29.380	29.282	29.293	29.255	29.266	29.307	29.343	29.351	29.355	29.352	29.344	29.323
	S. D.	.273	.270	.247	.242	.163	.158	.115	.119	.146	.197	.234	.258	.213
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	29.358	29.369	29.270	29.285	29.248	29.258	29.298	29.335	29.346	29.353	29.348	29.343	29.317
	S. D.	.277	.280	.254	.247	.169	.161	.119	.124	.149	.201	.238	.262	.218
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.359	29.373	29.287	29.304	29.271	29.278	29.323	29.356	29.367	29.368	29.352	29.343	29.332
	S. D.	.274	.285	.256	.252	.175	.166	.122	.125	.151	.204	.243	.266	.220
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	29.386	29.397	29.304	29.319	29.281	29.288	29.334	29.370	29.385	29.387	29.372	29.366	29.349
	S. D.	.273	.285	.255	.259	.177	.170	.122	.126	.152	.206	.244	.269	.222
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
14	MEAN	29.369	29.387	29.293	29.307	29.270	29.277	29.325	29.357	29.367	29.366	29.349	29.344	29.334
	S. D.	.269	.279	.252	.256	.174	.169	.120	.125	.150	.204	.240	.272	.219
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.345	29.361	29.263	29.280	29.244	29.253	29.301	29.329	29.336	29.338	29.330	29.325	29.308
	S. D.	.266	.269	.245	.249	.168	.164	.119	.122	.147	.198	.233	.264	.214
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.362	29.378	29.268	29.280	29.235	29.241	29.289	29.318	29.334	29.349	29.347	29.344	29.312
	S. D.	.267	.261	.238	.239	.162	.157	.114	.120	.143	.194	.228	.256	.210
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
17	MEAN	29.364	29.387	29.282	29.302	29.257	29.263	29.308	29.339	29.351	29.361	29.355	29.351	29.326
	S. D.	.274	.260	.240	.235	.158	.154	.111	.119	.145	.195	.228	.251	.209
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.362	29.379	29.281	29.296	29.258	29.266	29.311	29.343	29.355	29.360	29.351	29.345	29.325
	S. D.	.272	.274	.248	.248	.169	.163	.119	.123	.149	.200	.236	.262	.216
	TOTAL OBS	2492	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2478	29216

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