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NATIONAL CLIMATIC CENTER ASHEVILLE NC

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WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

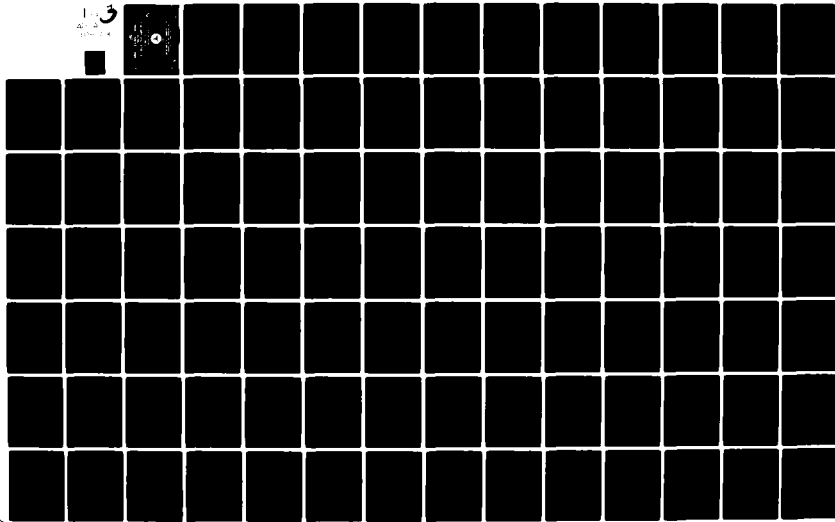
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DOT-FA79WAI-057

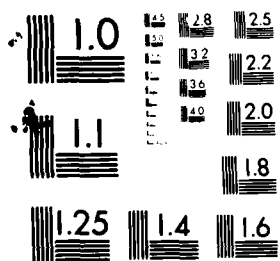
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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WIND - CEILING - VISIBILITY DATA

AT SELECTED AIRPORTS

VOLUME V PART B
CENTRAL REGION



MARCH 1961

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
FAA DEVELOPMENT DIVISION
BUREAU OF AIRPORT POLICY AND PLANS

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16. Abstract This report provides summary tables and graphic wind roses depicting wind direction and speed under specific ceiling - visibility conditions at 283 airports. This data will be used in the application of FAA's establishment criteria for precision and non-precision approach and landing aids.					
17. Key Words Ceiling, visibility, climatology			18. Distribution Statement Document is available to the public through the National Technical Information Service, Springfield, Va. 22151		
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Interagency Agreement DOT-FA79WAL-057

WIND-CEILING-VISIBILITY
DATA
AT SELECTED AIRPORTS

March 1981

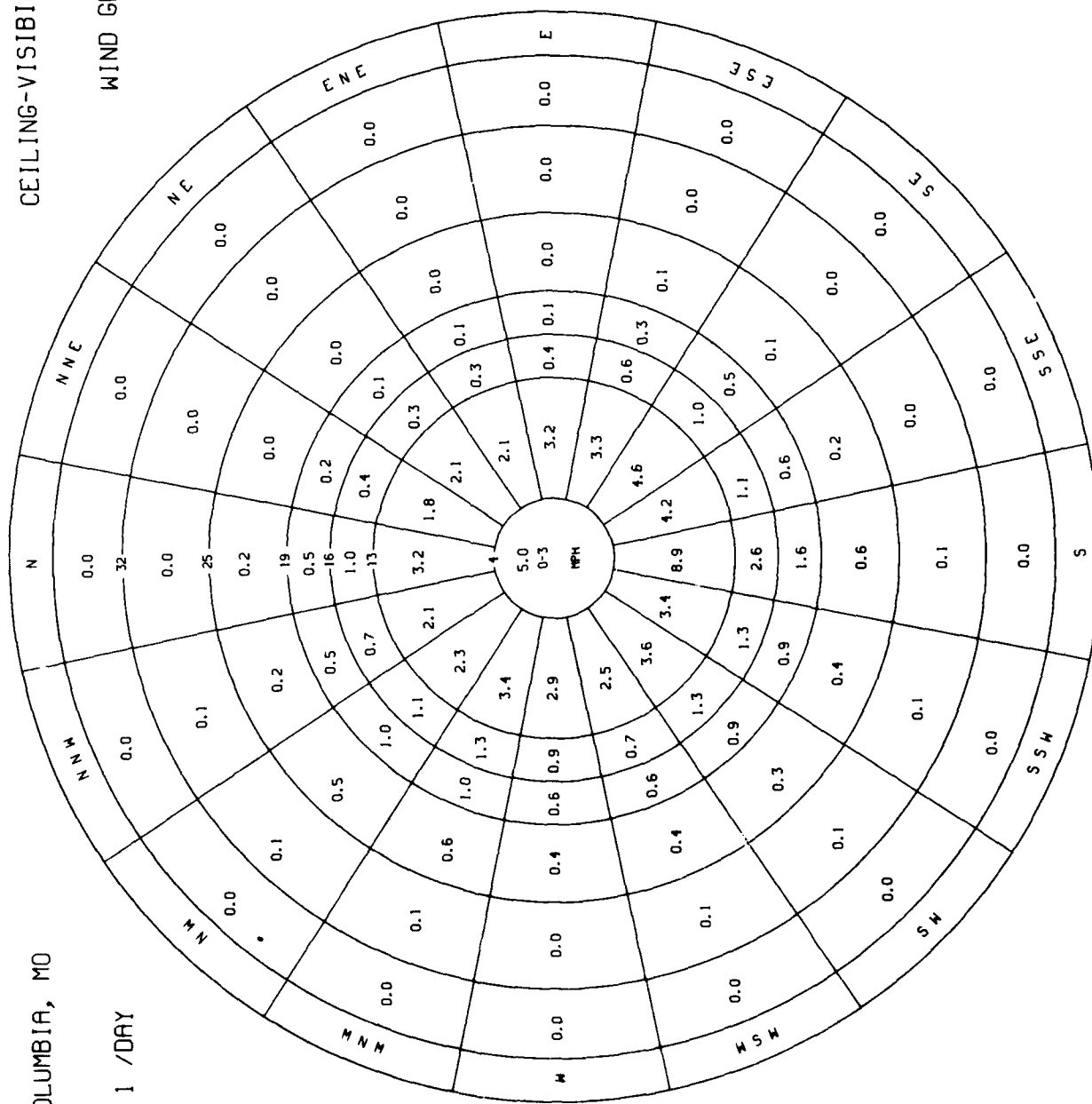
This report has been prepared by the U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center, Asheville, North Carolina for the Office of Aviation Policy and Plans, Federal Aviation Administration under Interagency Agreement No. DOT-FA79WAL-057. The contents of this report reflect the views of the contractor, who is responsible for the facts and accuracy of the data presented herein, and do not necessarily reflect the official views or policy of the FAA. This report does not constitute a standard, specification or regulation.

CEILING-VISIBILITY

WIND GRAPH

COU COLUMBIA, MO

CLASS 1 /DAY



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 1 / DAY

STATION NUMBER: 03945

NO. OBS.: 12477

Accession for	NTIS Grant	Unannounced	Justification
By	Distribution/	Availability Codes	Avail and/or Special

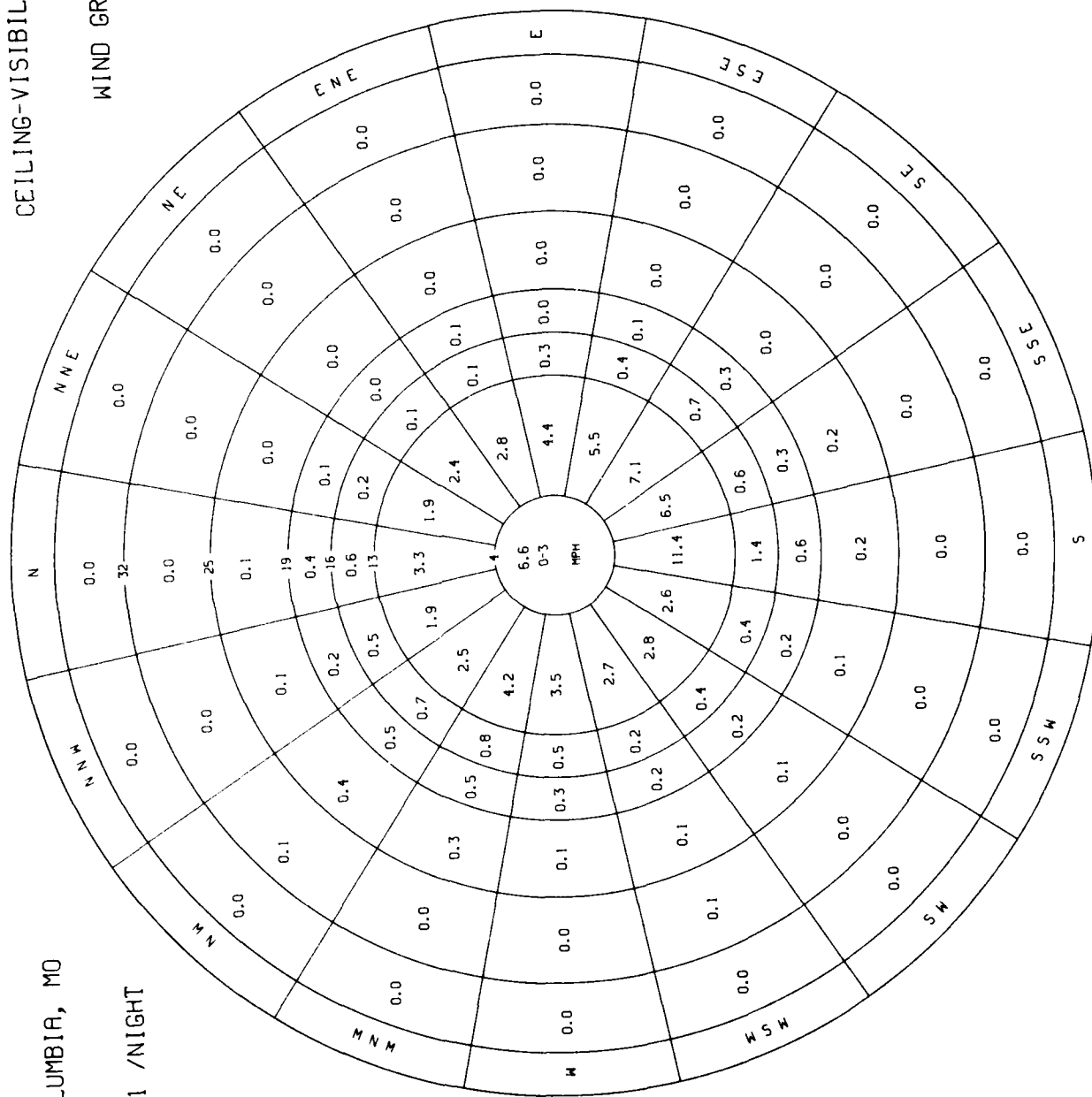
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.2	3.2	3.6	1.0	1.1	.5	.5	.2	.2	.0	.0	.0	.0	4.9	5.6	10.5
NNE	.1	.1	1.8	2.0	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	2.5	2.8	9.6
NE	.2	.2	2.1	2.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.1	8.5
ENE	.2	.2	2.1	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.0	8.6
E	.2	.2	3.2	3.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.9	4.4	8.4
ESE	.1	.2	3.3	3.8	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	4.5	5.1	9.7
SE	.2	.2	4.6	5.2	1.0	1.2	.5	.6	.1	.2	.0	.0	.0	.0	6.5	7.4	10.0
SSE	.2	.2	4.2	4.8	1.1	1.2	.6	.7	.2	.3	.0	.0	.0	.0	6.4	7.3	10.5
S	.5	.6	8.9	10.2	2.6	3.0	1.6	1.9	.6	.7	.1	.1	.0	.0	14.3	16.4	10.8
SSW	.1	.2	3.4	3.8	1.3	1.5	.9	1.0	.4	.5	.1	.1	.0	.0	6.2	7.1	12.1
SW	.3	.3	3.6	4.2	1.3	1.5	.9	1.0	.3	.3	.1	.1	.0	.0	6.5	7.4	11.5
WSW	.1	.1	2.5	2.9	.7	.8	.6	.6	.4	.4	.1	.1	.0	.0	4.3	4.9	11.8
W	.2	.2	2.9	3.3	.9	1.1	.6	.7	.4	.5	.0	.0	.0	.0	5.0	5.8	11.5
WNW	.2	.2	3.4	3.9	1.3	1.5	1.0	1.1	.6	.7	.1	.1	.0	.0	6.5	7.5	12.1
NW	.1	.1	2.3	2.7	1.1	1.3	1.0	1.1	.5	.6	.1	.1	.0	.0	5.1	5.9	12.6
NNW	.1	.1	2.1	2.3	.7	.8	.5	.6	.2	.2	.1	.1	.0	.0	3.6	4.1	11.4
CALM	1.9	2.2													1.9	2.2	
TOTAL	5.0	5.7	53.6	61.2	14.9	17.0	9.4	10.7	4.0	4.6	.6	.7	.1	.1	87.6	100	10.6

CEILING-VISIBILITY

WIND GRAPH

COU COLUMBIA, MO

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 1 / NIGHT

STATION NUMBER: 03945

NO. OBS.: 10402

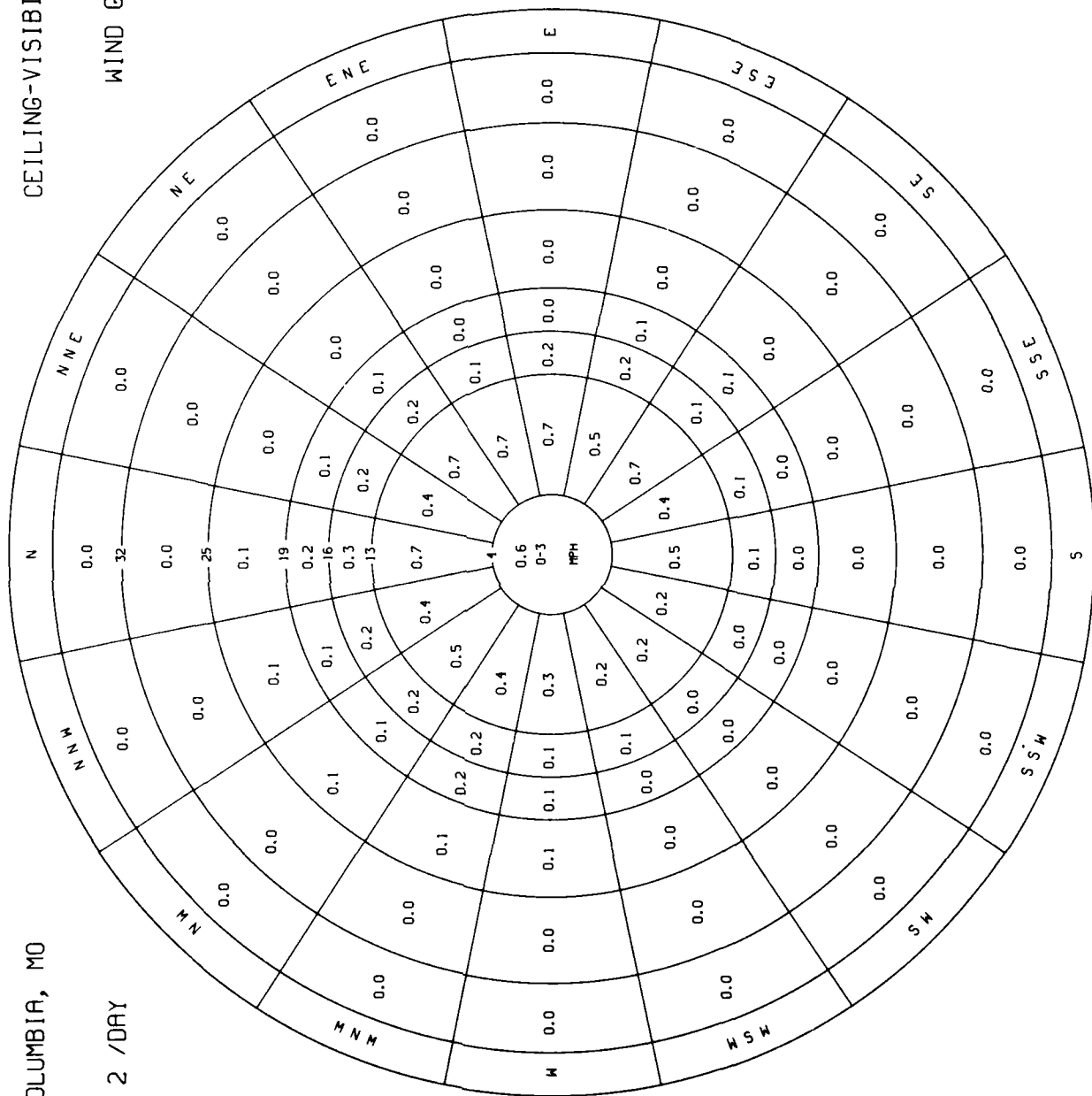
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.3	.3	3.3	3.8	.6	.7	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	9.2	
NNE	.2	.2	1.9	2.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	
NE	.2	.2	2.4	2.8	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	
ENE	.2	.3	2.8	3.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	
E	.5	.6	4.4	5.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	
ESE	.2	.2	5.5	6.3	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	
SE	.3	.4	7.1	8.2	.7	.8	.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	8.6	
SSE	.3	.3	6.5	7.5	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	8.9	
S	.7	.8	11.4	13.2	1.4	1.6	.6	.7	.2	.3	.0	.0	.0	.0	.0	.0	.0	8.6	
SSW	.1	.1	2.6	3.0	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	9.7	
SW	.2	.2	2.8	3.2	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	9.0	
WSW	.3	.3	2.7	3.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	8.9	
W	.3	.3	3.5	4.0	.5	.6	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	8.8	
WNW	.2	.3	4.2	4.9	.8	.9	.5	.6	.3	.4	.0	.0	.0	.0	.0	.0	.0	9.9	
NW	.2	.2	2.5	2.9	.7	.9	.5	.6	.4	.5	.1	.1	.1	.0	.0	.0	.0	11.4	
NNW	.1	.2	1.9	2.2	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	10.2	
CALM	2.2	2.5																	
TOTAL	6.6	7.6	65.5	75.7	8.1	9.4	4.1	4.7	2.0	2.3	.2	.3	.0	.0	.0	.0	.0	8.6	

COU COLUMBIA, MO

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 2 / DAY

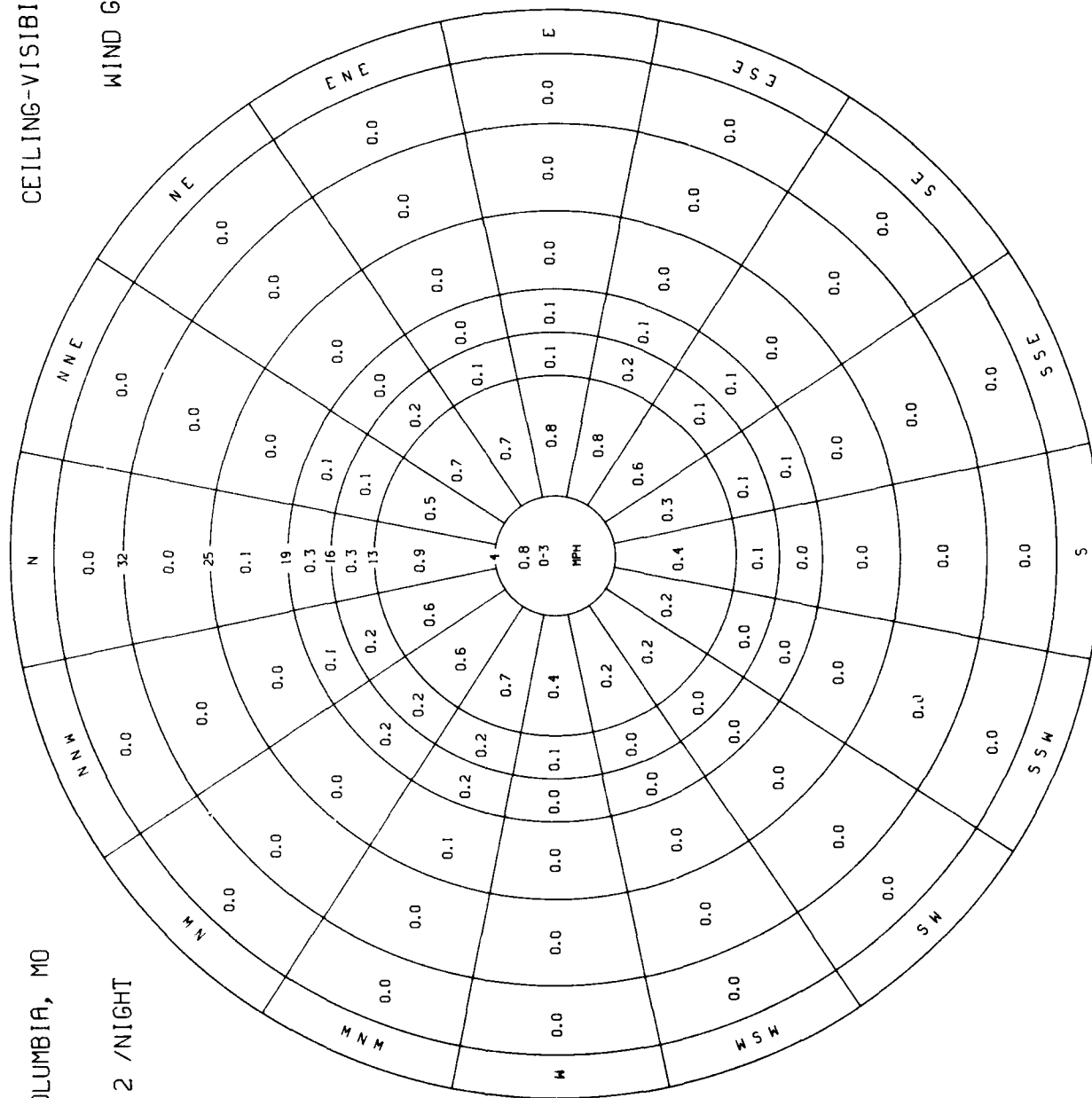
STATION NUMBER: 03945

NO. OBS.: 1768

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.7	5.8	.3	2.5	.2	1.4	.1	.5	.0	.0	.0	.0	1.3 10.4
NNE	.0	.1	.4	3.6	.2	1.4	.1	.8	.0	.3	.0	.0	.0	.0	.8 6.3
NE	.0	.2	.7	5.5	.2	1.3	.1	.5	.0	.3	.0	.1	.0	.0	1.0 7.9
ENE	.0	.1	.7	5.9	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.9 7.2
E	.0	.2	.7	5.8	.2	1.2	.0	.4	.0	.1	.0	.0	.0	.0	1.0 7.7
ESE	.0	.2	.5	4.2	.2	1.3	.1	.8	.0	.1	.0	.1	.0	.0	.8 6.7
SE	.0	.3	.7	5.5	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	1.0 7.8
SSE	.0	.2	.4	3.3	.1	.8	.0	.3	.0	.2	.0	.1	.0	.0	.6 4.9
S	.1	.5	.5	4.4	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.7 5.9
SSW	.0	.1	.2	1.9	.0	.1	.0	.2	.0	.0	.0	.1	.0	.0	.3 2.3
SW	.0	.1	.2	1.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3 2.3
WSW	.0	.2	.2	1.6	.1	.5	.0	.1	.0	.1	.0	.1	.0	.0	.3 2.4
W	.0	.3	.3	2.8	.1	1.1	.1	.7	.1	.5	.0	.1	.0	.1	.7 5.6
WNW	.0	.1	.4	3.1	.2	1.2	.2	1.5	.1	.6	.0	.0	.0	.0	.8 6.5
NW	.0	.2	.5	4.2	.2	1.6	.1	1.2	.1	.6	.0	.0	.0	.0	1.0 7.7
NNW	.0	.2	.4	3.6	.2	1.5	.1	.6	.1	.5	.0	.1	.0	.0	.8 6.4
CALM	.3	2.0													.3 2.0
TOTAL	.6	5.2	7.8	62.8	2.2	17.4	1.2	9.9	.5	4.1	.1	.5	.0	.1	12.4 100

COU COLUMBIA, MO

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 2 / NIGHT

STATION NUMBER: 03945

NO. OBS.: 1621

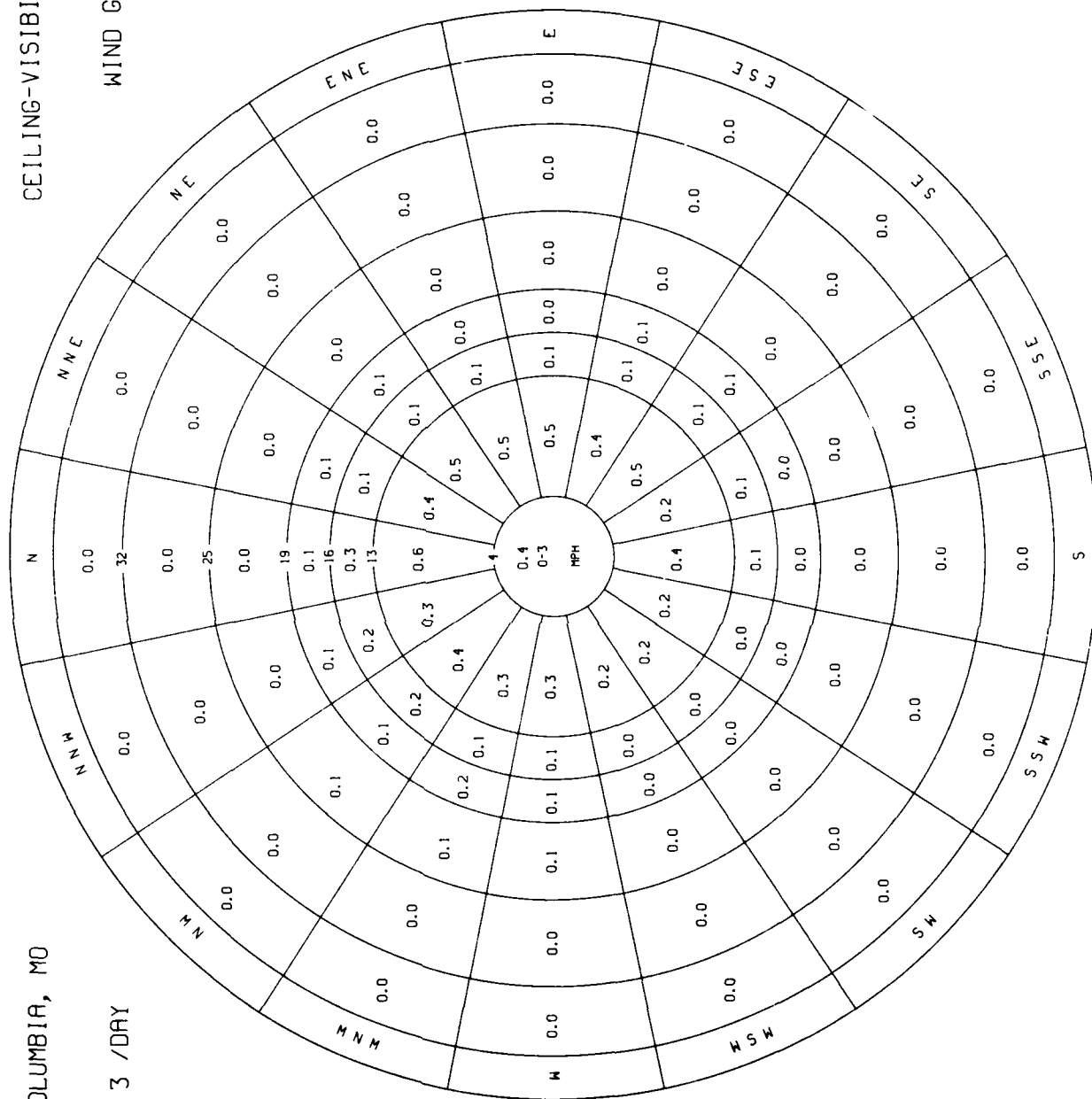
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.3	.9	6.4	.3	2.3	.3	2.0	.1	.9	.0	.1	.0	.0	1.6	12.0	12.0
NNE	.0	.2	.5	3.5	.1	1.0	.1	.6	.0	.1	.0	.0	.0	.0	.7	5.4	10.8
NE	.0	.2	.7	5.2	.2	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.9	6.8	9.5
ENE	.0	.1	.7	4.9	.1	.6	.0	.2	.0	.0	.0	.1	.0	.0	.8	6.0	9.0
E	.1	.7	.8	5.7	.1	1.0	.1	.7	.0	.0	.0	.0	.0	.0	1.1	8.2	9.2
ESE	.0	.3	.8	6.0	.2	1.4	.1	.8	.0	.1	.0	.0	.0	.0	1.2	8.6	10.2
SE	.1	.6	.6	4.8	.1	.9	.1	.5	.0	.0	.0	.1	.0	.0	.9	6.8	9.2
SSE	.0	.1	.3	1.9	.1	.7	.1	.6	.0	.2	.0	.1	.0	.0	.5	3.5	11.5
S	.0	.2	.4	3.2	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.6	4.6	9.0
SSW	.0	.1	.2	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.5	9.1
SW	.0	.1	.2	1.3	.0	.2	.0	.2	.0	.0	.0	.1	.0	.0	.2	1.9	10.7
WSW	.0	.0	.2	1.8	.0	.4	.0	.3	.0	.3	.0	.0	.0	.1	.4	2.8	11.9
W	.0	.2	.4	3.0	.1	.6	.0	.4	.0	.4	.0	.1	.0	.0	.6	4.7	11.2
WNW	.0	.1	.7	5.1	.2	1.5	.2	1.8	.1	.9	.0	.1	.0	.0	1.3	9.6	12.4
NW	.0	.0	.6	4.5	.2	1.4	.2	1.4	.0	.4	.0	.1	.0	.0	1.0	7.8	12.1
NNW	.0	.1	.6	4.4	.2	1.9	.1	.7	.0	.2	.0	.0	.0	.1	1.0	7.4	11.4
CALM	.3	2.4													.3	2.4	
TOTAL	.8	5.7	8.5	63.0	2.2	16.3	1.4	10.7	.5	3.5	.1	.7	.0	.1	13.5	100	10.5

CEILING-VISIBILITY

WIND GRAPH

COU COLUMBIA, MO

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 3 / DAY

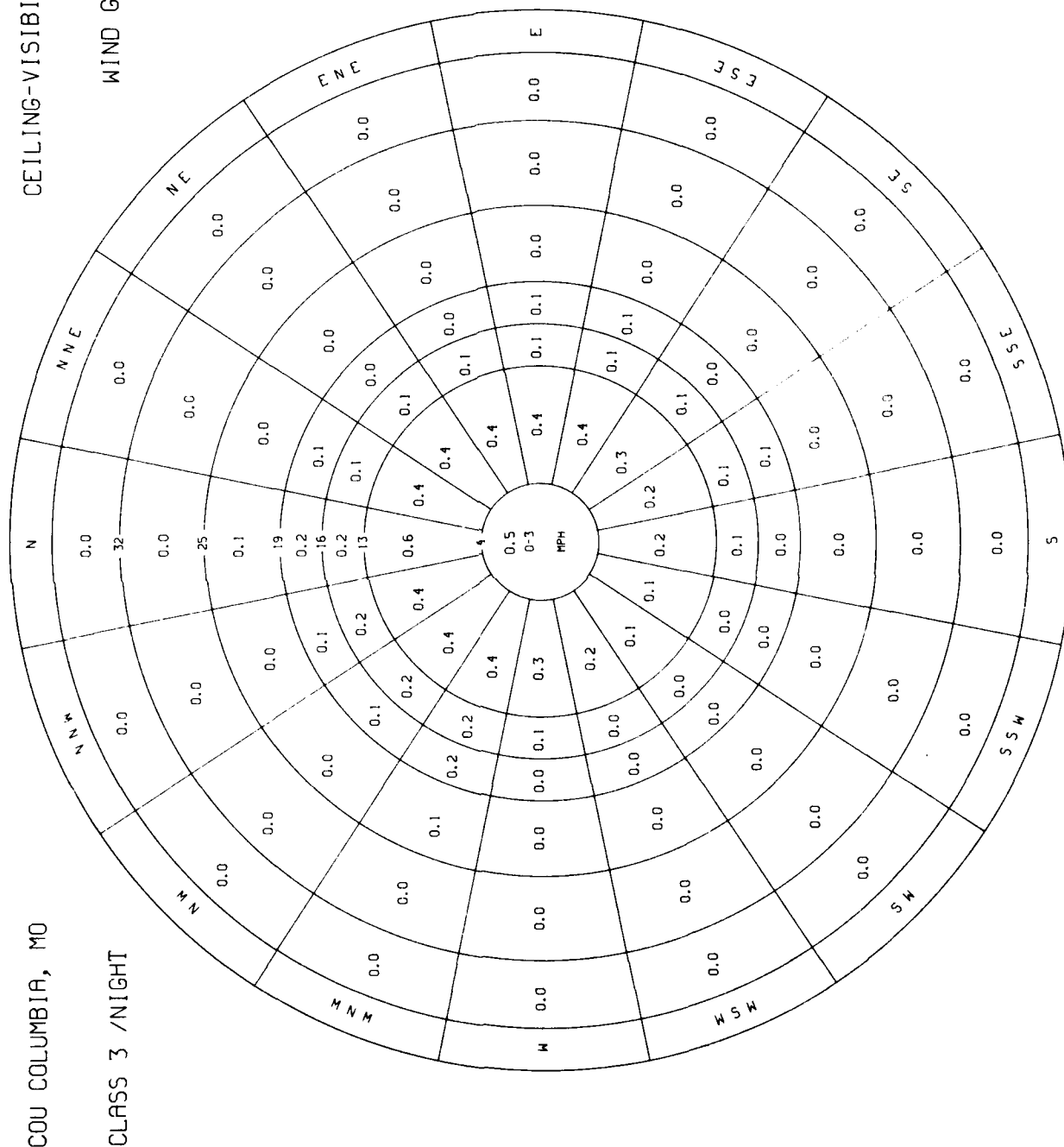
STATION NUMBER: 03945

NO. OBS.: 1337

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.6	6.2	.3	2.9	.1	1.4	.0	.5	.0	.0	.0	.0	1.1 11.4
NNE	.0	.1	.4	4.1	.1	1.5	.1	1.0	.0	.4	.0	.0	.0	.0	.7 7.0
NE	.0	.2	.5	5.0	.1	1.5	.1	.7	.0	.3	.0	.1	.0	.0	.7 7.8
ENE	.0	.0	.5	5.8	.1	.9	.0	.4	.0	.0	.0	.0	.0	.0	.7 7.0
E	.0	.2	.5	5.8	.1	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.7 7.7
ESE	.0	.2	.4	3.7	.1	1.3	.1	.7	.0	.1	.0	.1	.0	.0	.6 6.1
SE	.0	.2	.5	5.0	.1	1.0	.1	.9	.0	.2	.0	.0	.0	.0	.7 7.3
SSE	.0	.1	.2	2.5	.1	.9	.0	.4	.0	.2	.0	.1	.0	.0	.4 4.3
S	.0	.4	.4	4.0	.1	.7	.0	.4	.0	.0	.0	.0	.0	.0	.5 5.5
SSW	.0	.1	.2	2.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.2 2.4
SW	.0	.1	.2	1.7	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.2 2.5
WSW	.0	.1	.2	1.8	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	.2 2.5
W	.0	.4	.3	2.8	.1	1.3	.1	.8	.1	.6	.0	.1	.0	.0	.6 6.0
WNW	.0	.1	.3	2.8	.1	1.4	.2	1.8	.1	.7	.0	.0	.0	.0	.6 6.7
NW	.0	.1	.4	3.7	.2	1.8	.1	1.3	.1	.7	.0	.0	.0	.0	.7 7.8
NNW	.0	.1	.3	3.7	.2	1.7	.1	.7	.0	.4	.0	.0	.0	.0	.6 6.7
CALM	.1	1.3													.1 1.3
TOTAL	.4	4.2	5.7	60.6	1.8	19.4	1.0	10.9	.4	4.5	.0	.4	.0	.0	9.4 100
															10.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 3 / NIGHT

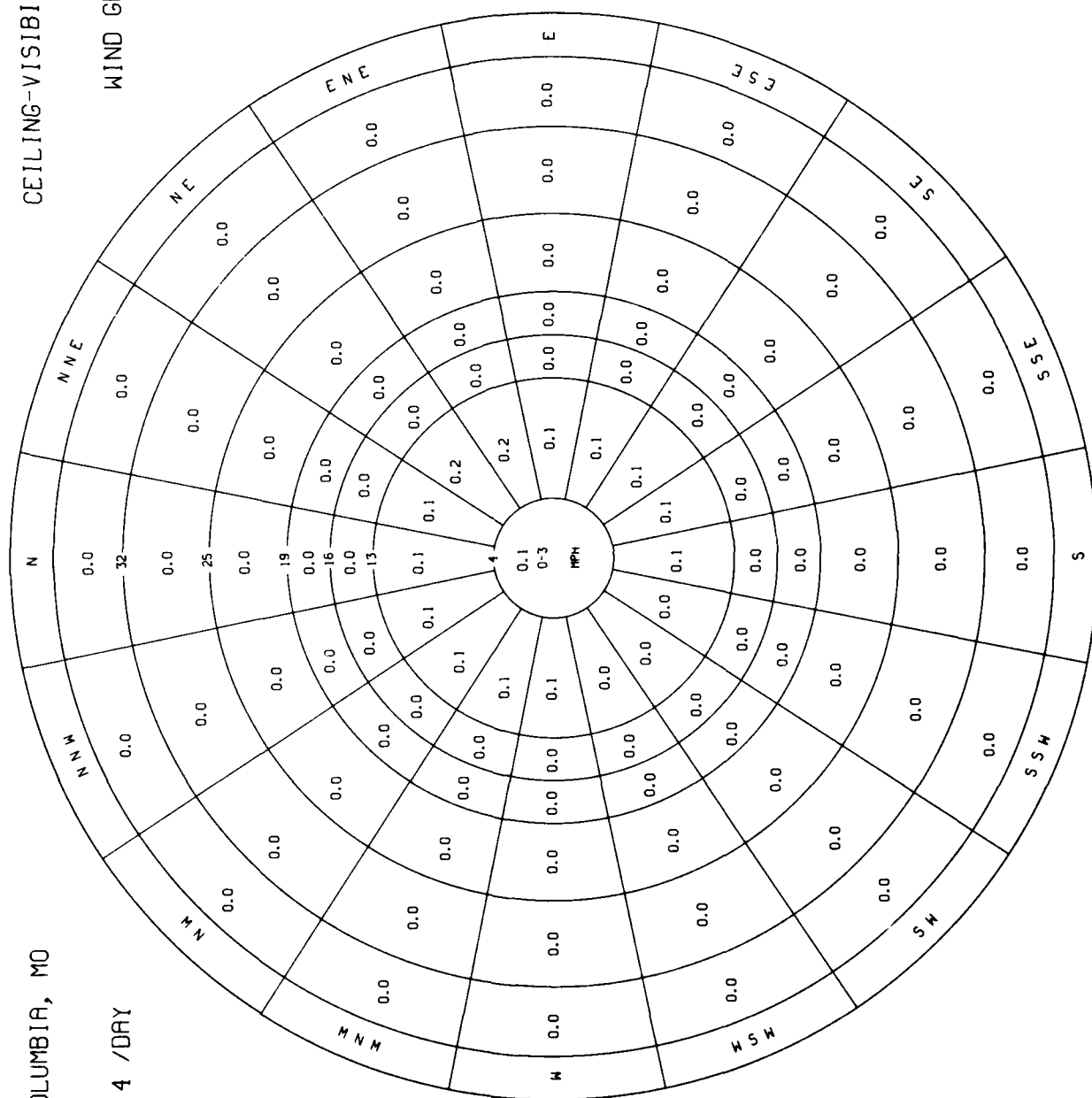
STATION NUMBER: 03945

NO. OBS.: 1097

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.6	6.2	.2	2.6	.2	1.9	.1	.9	.0	.1	.0	.0	1.1 11.8
NNE	.0	.2	.4	3.9	.1	1.5	.1	.6	.0	.2	.0	.0	.0	.0	.6 6.4
NNE	.0	.1	.4	4.8	.1	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.6 6.6
ENE	.0	.2	.4	4.5	.1	.7	.0	.4	.0	.0	.0	.1	.0	.0	.5 5.8
E	.1	.9	.4	4.6	.1	1.0	.1	.8	.0	.0	.0	.0	.0	.0	.7 7.3
ESE	.0	.2	.4	4.8	.1	1.0	.1	.6	.0	.1	.0	.0	.0	.0	.6 6.7
SE	.1	.6	.3	3.8	.1	.9	.0	.5	.0	.0	.0	.1	.0	.0	.5 5.9
SSE	.0	.0	.2	1.8	.1	.6	.1	.8	.0	.3	.0	.1	.0	.0	.3 3.6
S	.0	.3	.2	2.6	.1	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.4 4.3
SSW	.0	.2	.1	1.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 1.6
SW	.0	.1	.1	1.3	.0	.3	.0	.4	.0	.0	.0	.1	.0	.0	.2 2.1
WSW	.0	.0	.2	1.9	.0	.5	.0	.5	.0	.5	.0	.0	.0	.1	.3 3.4
W	.0	.2	.3	2.8	.1	.9	.0	.5	.0	.5	.0	.2	.0	.0	.5 5.2
WNW	.0	.1	.4	4.9	.2	1.7	.2	2.6	.1	1.0	.0	.1	.0	.0	.9 10.4
NW	.0	.0	.4	4.9	.2	1.8	.1	1.6	.0	.5	.0	.2	.0	.0	.8 9.1
NNW	.0	.2	.4	4.3	.2	2.5	.1	.6	.0	.4	.0	.0	.0	.0	.7 7.9
CALM	.2	1.8													.2 1.8
TOTAL	.5	5.1	5.3	58.3	1.7	18.6	1.1	12.6	.4	4.4	.1	.9	.0	.1	9.1 100
															11.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 4 / DAY

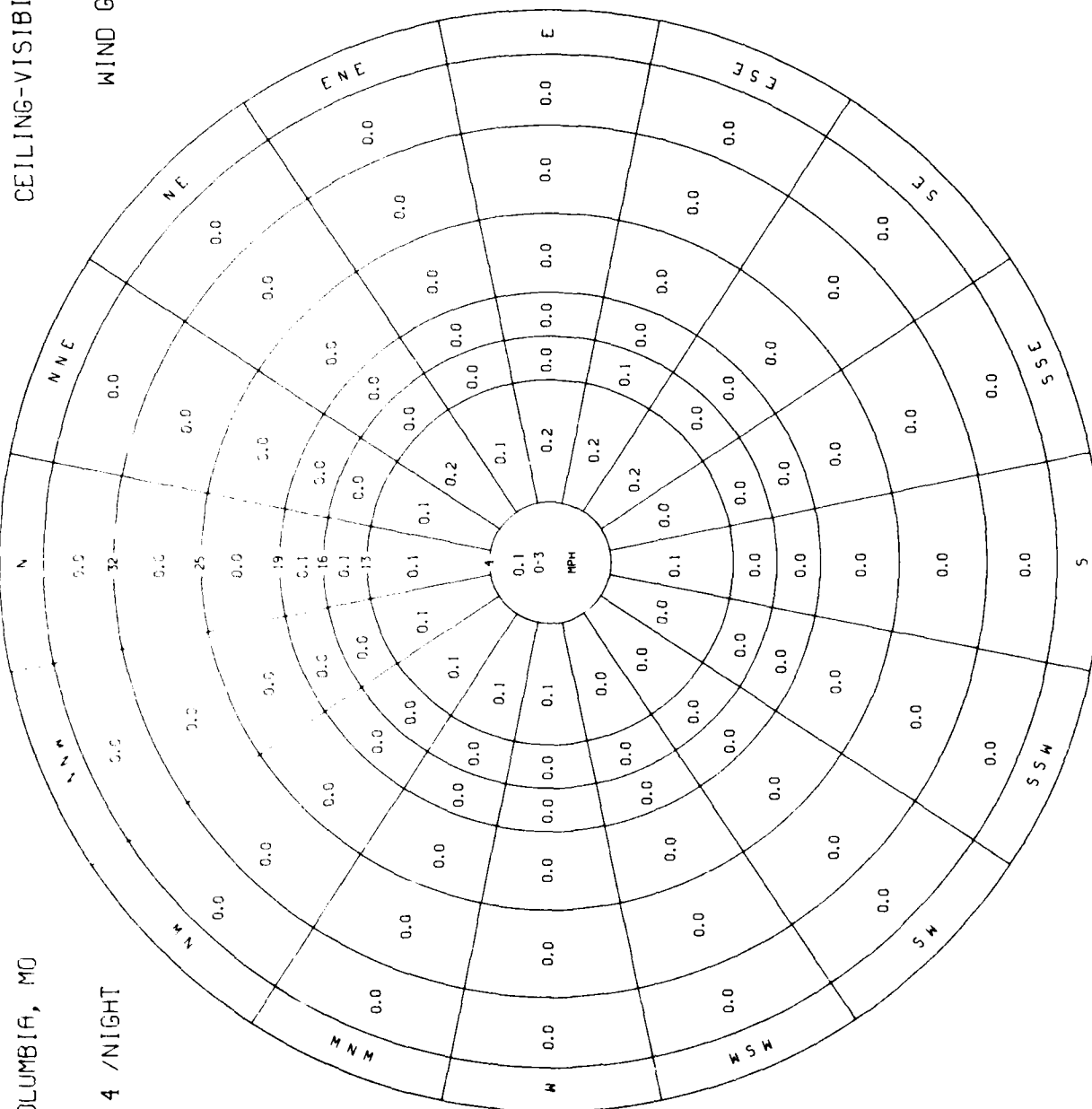
STATION NUMBER: 03945

NO. OBS.: 283

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.1	5.7	.0	1.8	.0	1.8	.0	.4	.0	.0	.0	.0	.2	9.5	11.5
NNE	.0	.4	.1	2.8	.0	1.4	.0	.4	.0	.4	.0	.0	.0	.0	.1	5.3	10.3
NE	.0	.4	.2	8.1	.0	.7	.0	.0	.0	.4	.0	.0	.0	.0	.2	9.5	8.9
ENE	.0	.7	.2	8.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.5	8.2
E	.0	.0	.1	6.0	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.1	7.4	9.4
ESE	.0	.0	.1	5.3	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.1	7.4	10.7
SE	.0	1.1	.1	6.4	.0	2.1	.0	.0	.0	.4	.0	.0	.0	.0	.2	9.9	9.1
SSE	.0	.7	.1	4.2	.0	.7	.0	.0	.0	.4	.0	.0	.0	.0	.1	6.0	9.0
S	.0	.7	.1	4.6	.0	1.1	.0	.0	.0	.4	.0	.0	.0	.0	.1	6.7	8.9
SSW	.0	.0	.0	1.4	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	2.1	11.3
SW	.0	.4	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.8
WSW	.0	.0	.0	.7	.0	.4	.0	.0	.0	.0	.0	.4	.0	.0	.0	1.4	13.2
W	.0	.0	.1	2.8	.0	.7	.0	.7	.0	.4	.0	.0	.0	.4	.1	4.9	13.4
WNW	.0	.0	.1	3.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	8.6
NW	.0	.0	.1	3.5	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.1	5.7	11.2
NNW	.0	.4	.1	3.2	.0	1.1	.0	.4	.0	.7	.0	.7	.0	.0	.1	6.4	13.4
CALM	.0	2.1													.0	2.1	
TOTAL	.1	6.7	1.3	67.5	.3	14.8	.1	6.4	.1	3.2	.0	1.1	.0	.4	2.0	100	9.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 4 / NIGHT

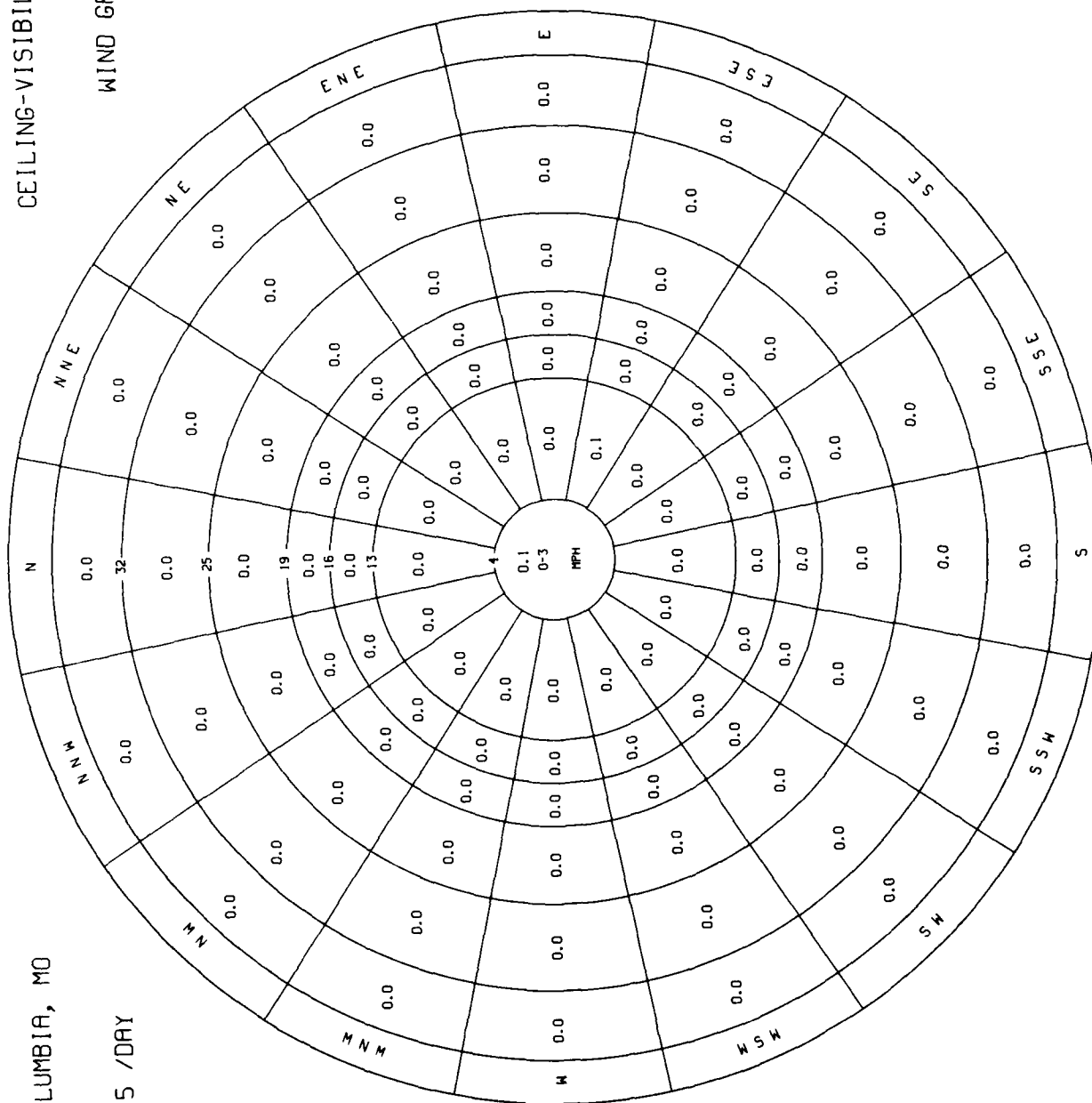
STATION NUMBER: 03945

NO. OBS.: 314

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.6	.1	5.4	.1	2.9	.1	2.9	.0	.6	.0	.0	.0	.0	.0	.3	12.4	11.8
NNE	.0	.3	.1	3.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	4.5	9.8
NE	.0	.0	.2	7.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.2	9.5
ENE	.0	.0	.1	5.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.1	9.0
E	.0	.3	.2	8.3	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	9.6	8.5
ESE	.0	.6	.2	6.7	.1	2.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.3	11.1	10.1
SE	.0	.6	.2	6.7	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.2	8.6	8.6
SSE	.0	.3	.0	1.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	10.3
S	.0	.0	.1	4.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	5.1	8.7
SSW	.0	.0	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.4
SW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
WSW	.0	.0	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	8.4
W	.0	.3	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	7.5
WNW	.0	.0	.1	5.7	.0	1.6	.0	.0	.0	.3	.0	.3	.0	.0	.0	.2	8.0	11.1
NW	.0	.0	.1	3.2	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	10.5
NNW	.0	.0	.1	5.1	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.3	.2	7.3	11.5
CALM	.1	2.2														.1	2.2	
TOTAL	.1	5.4	1.9	71.7	.3	13.4	.2	8.0	.0	1.0	.0	.3	.0	.3	2.6	100		9.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 5 / DAY

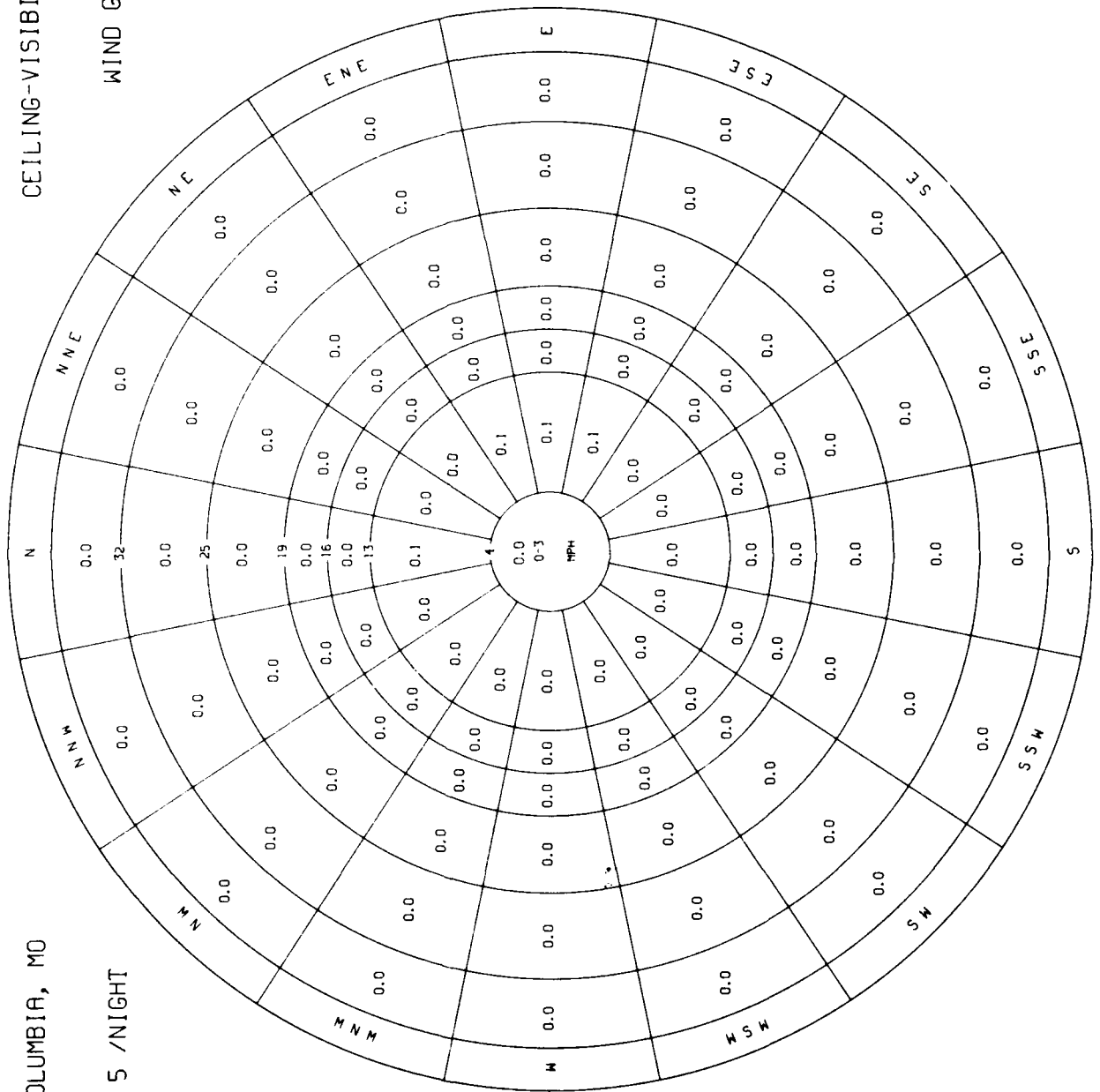
STATION NUMBER: 03945

NO. OBS.: 78

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	3.8	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	5.1	9.7
NNE	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	1.3	16.0
NE	.0	.0	.0	3.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	10.2
ENE	.0	.0	.0	5.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	11.6
E	.0	.0	.0	6.4	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	9.0	9.4
ESE	.0	1.3	.1	10.3	.0	2.6	.0	1.3	.0	.0	.0	.0	.0	.0	.1	15.4	8.9
SE	.0	.0	.0	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	7.3
SSE	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.3
S	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.8
SSW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
SW	.0	.0	.0	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	2.6	11.0
WSW	.0	1.3	.0	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	3.8	9.0
W	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	21.0
WNW	.0	.0	.0	1.3	.0	1.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	5.1	13.7
NW	.0	1.3	.0	6.4	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	9.0	10.3
NNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	2.6	15.0
CALM	.0	6.4													.0	6.4	
TOTAL	.1	10.3	.4	67.9	.0	7.7	.1	10.3	.0	2.6	.0	.0	.0	1.3	.5	100	9.3

CEILING-VISIBILITY

WIND GRAPH



COU COLUMBIA, MO

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 5 / NIGHT

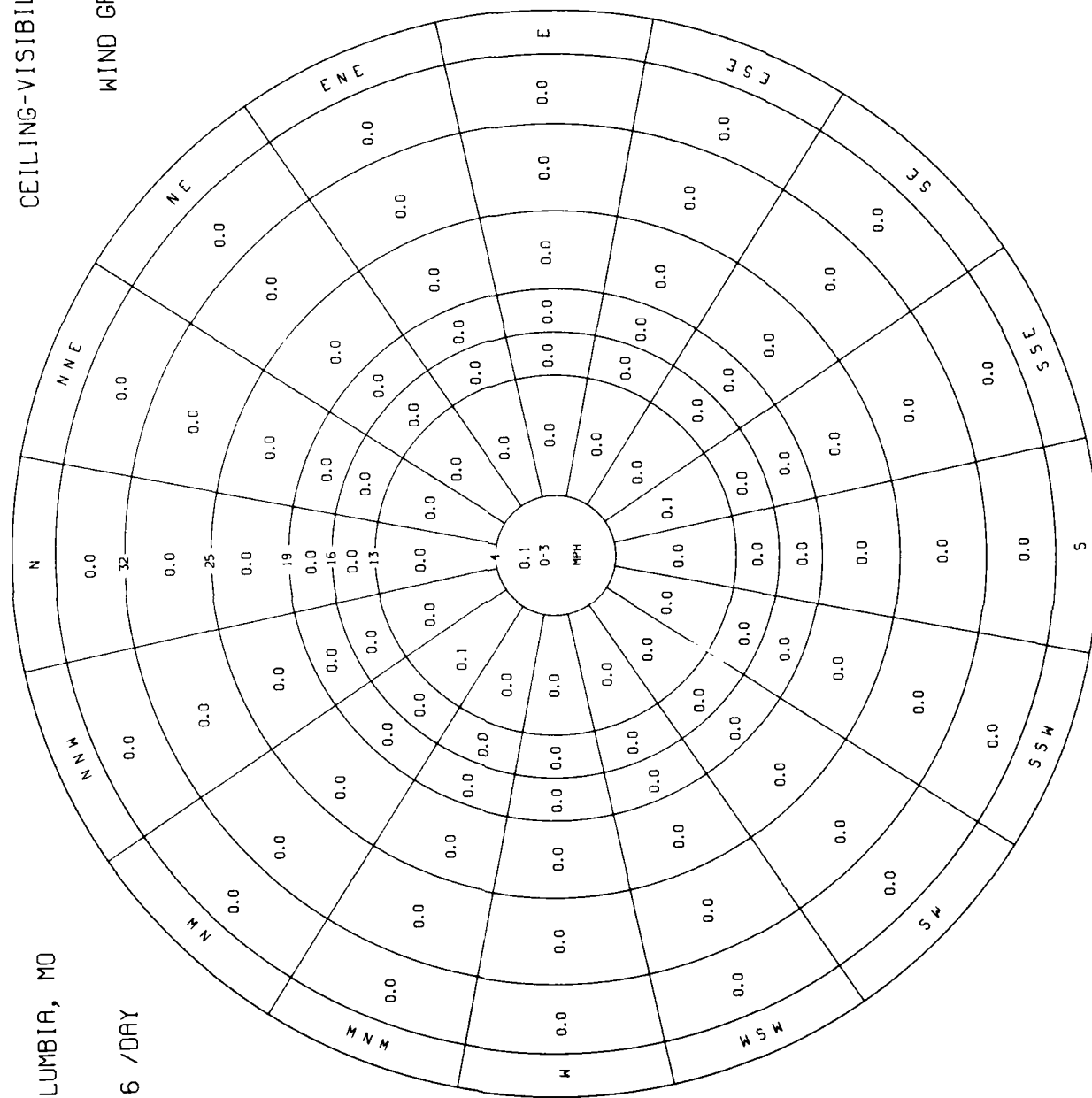
STATION NUMBER: 03945

NO. OBS.: 112

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.9	.1	10.7	.0	.0	.0	2.7	.0	.9	.0	.0	.0	.0	.1	15.2	9.8
NNE	.0	.0	.0	1.8	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	2.7	10.7
NE	.0	.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	6.0
ENE	.0	.0	.1	7.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.0	9.1
E	.0	.0	.1	8.9	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.1	10.7	8.7
ESE	.0	.0	.1	9.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.6	9.3
SE	.0	.9	.0	5.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	9.0
SSE	.0	.0	.0	4.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.0
S	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.0
SSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.0
SW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	12.0
WSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.5
W	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	9.2
WNW	.0	.0	.0	5.4	.0	.9	.0	.9	.0	1.8	.0	.0	.0	.0	.1	8.9	13.2
NW	.0	.0	.0	2.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	3.6	10.0
NNW	.0	.0	.0	4.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	9.3
CALM	.0	2.7													.0	2.7	
TOTAL	.0	5.4	.7	78.6	.1	7.1	.1	6.3	.0	2.7	.0	.0	.0	.0	.9	100	9.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1970-1978

STATION NAME: COU COLUMBIA, MO

CLASS 6 / DAY

NO. OBS.: 70

STATION NUMBER: 03945

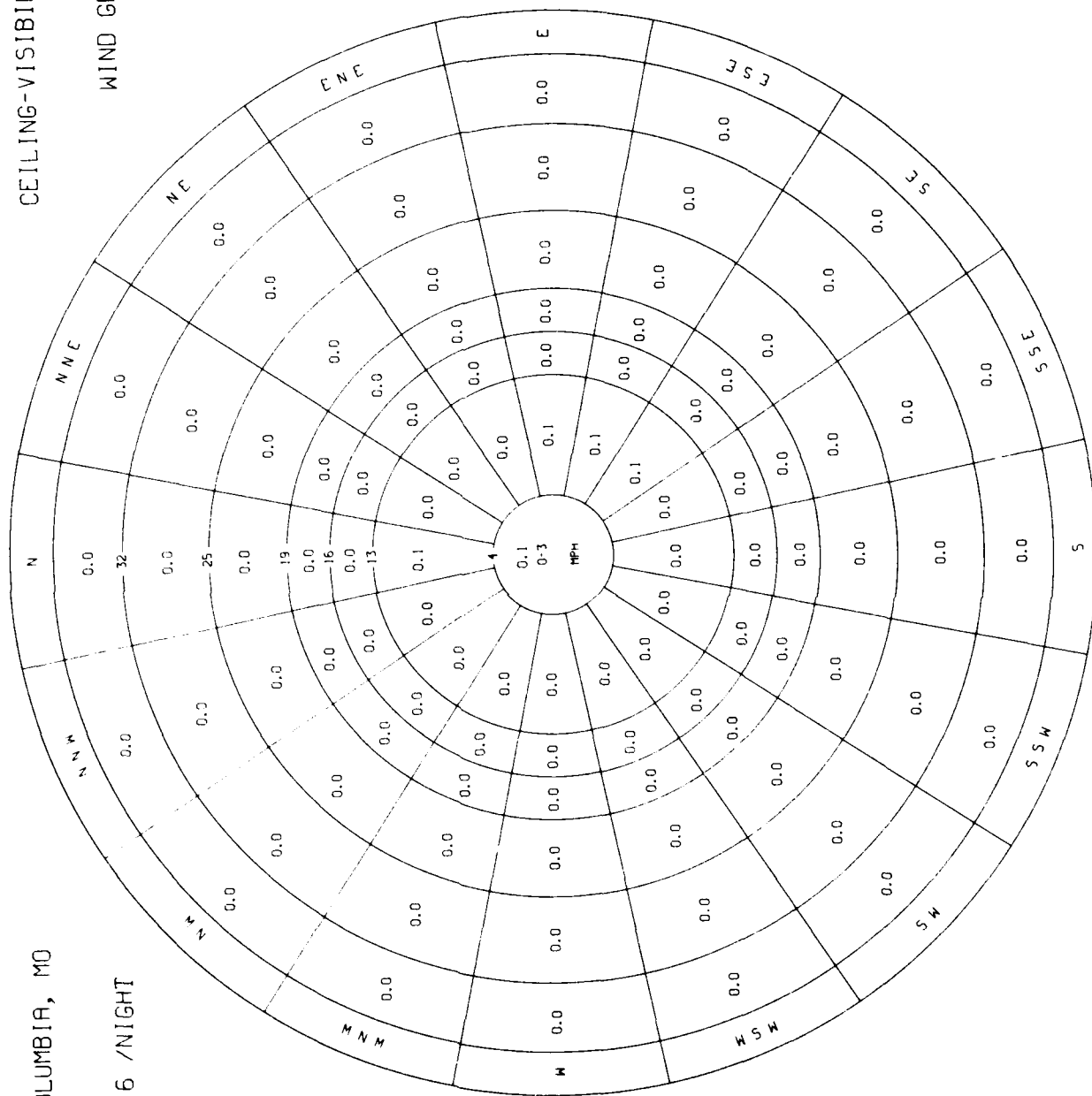
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NNE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NE	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.7
ENE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
E	.0	.0	.0	5.7	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0 7.1
ESE	.0	.0	.0	2.9	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0 5.7
SE	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.1
SSE	.0	.0	.1	11.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 11.4
S	.0	1.4	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.6
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
SW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
W	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
WNW	.0	1.4	.0	10.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.1	.1 12.9
NW	.0	.0	.1	12.9	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.1	.1 14.3
NNW	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.7
CALM	.0	10.0													.0 10.0
TOTAL	.1	12.9	.4	80.0	.0	1.4	.0	4.3	.0	1.4	.0	.0	.0	.5	.5 100

CEILING-VISIBILITY

WIND GRAPH

COU COLUMBIA, MO

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COU COLUMBIA, MO

PERIOD: 1970-1978

CLASS 6 / NIGHT

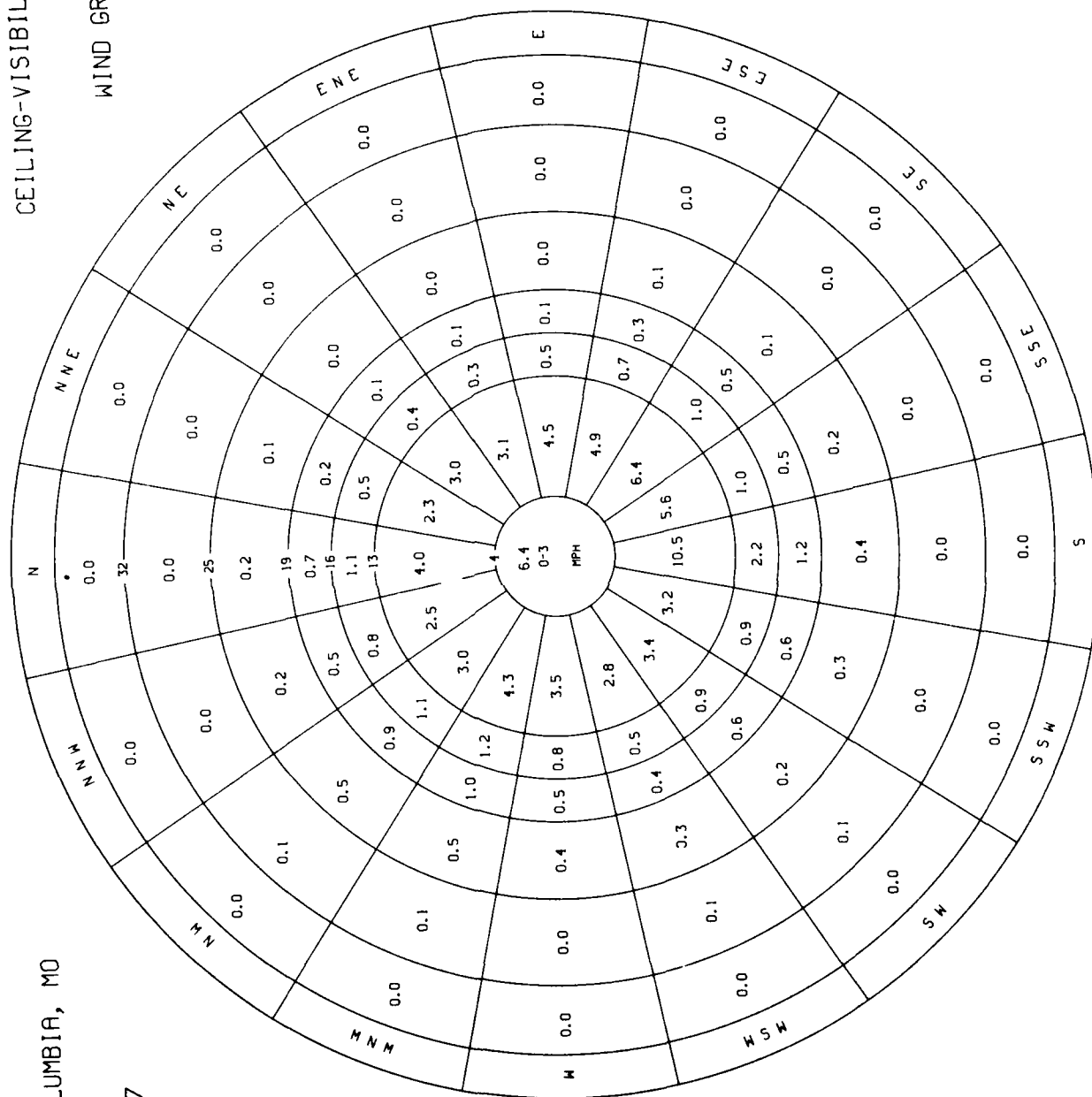
STATION NUMBER: 03945

NO. OBS.: 98

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.0	.1	7.1	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.1	9.2	10.0
NNE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.0
NE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.7
ENE	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.2
E	.0	.0	.1	7.1	.0	3.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.1	11.2	10.2
ESE	.0	1.0	.1	12.2	.0	2.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.1	18.4	9.3
SE	.0	.0	.1	8.2	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.1	10.2	8.9
SSE	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	10.5
S	.0	.0	.0	6.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	7.0
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	9.0
WNW	.0	1.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.2
NW	.0	.0	.0	6.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	8.5
NNW	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.0
CALM	.1	9.2													.1	9.2		
TOTAL	.1	13.3	.6	70.4	.1	10.2	.0	4.1	.0	2.0	.0	.0	.0	.0	.0	.8	100	7.8

CEILING-VISIBILITY

WIND GRAPH



COU COLUMBIA, MO

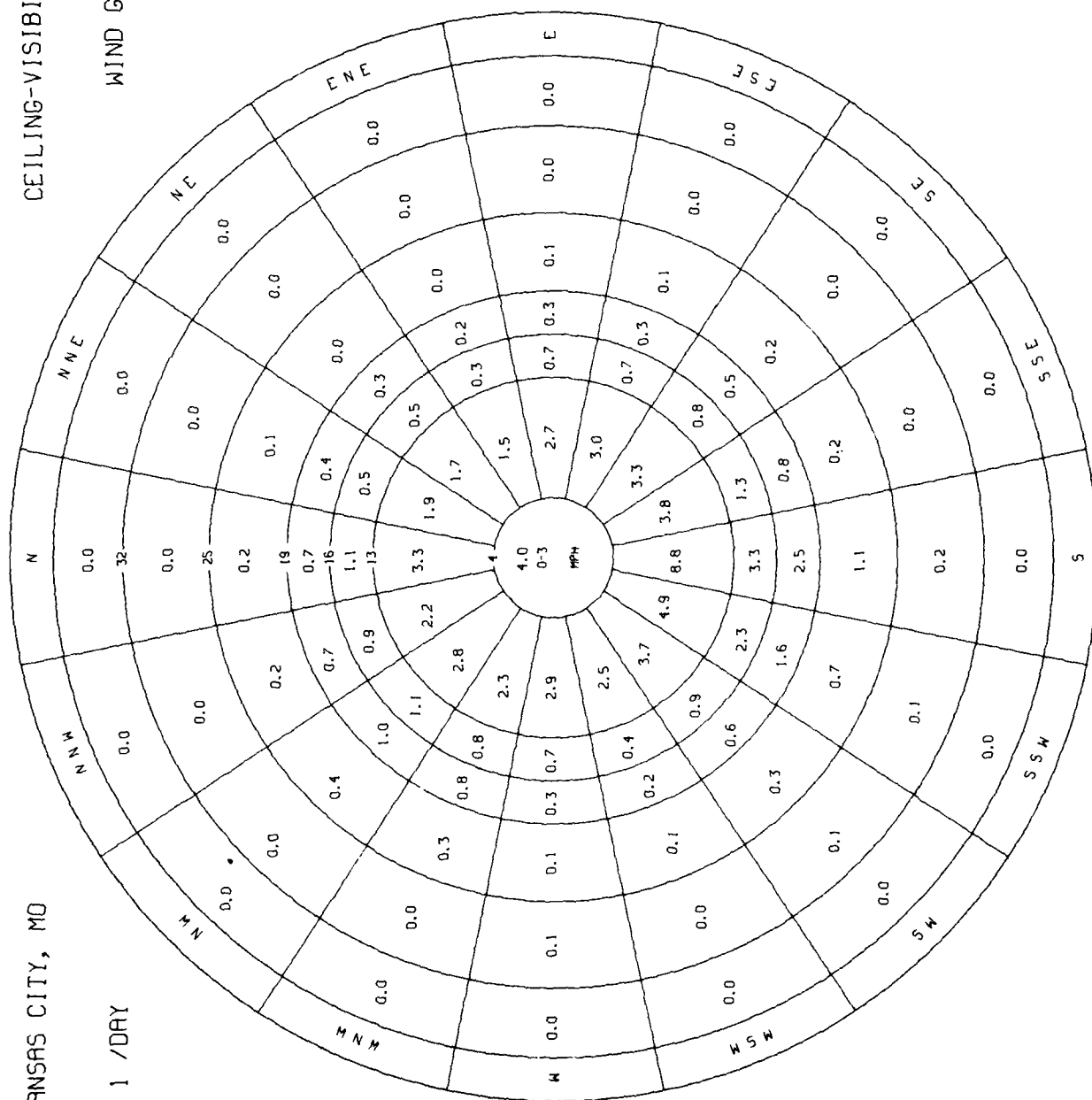
CLASS 7

CEILING-VISIBILITY

WIND GRAPH

MCI KANSAS CITY, MO

CLASS 1 /DRY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 1 / DAY

STATION NUMBER: 03947

NO. OBS.: 8327

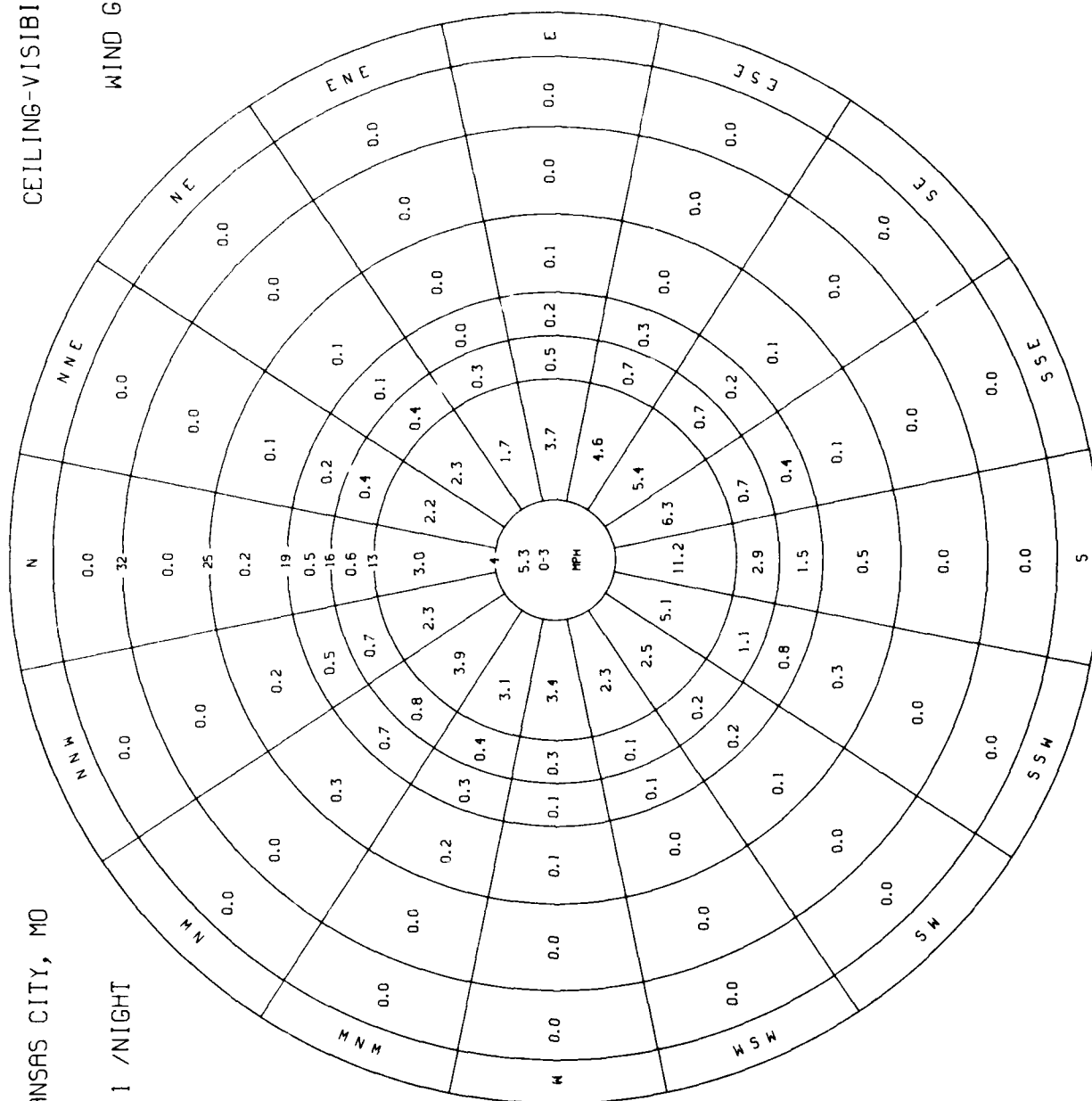
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.1	3.3	3.7	1.1	1.3	.7	.8	.2	.3	.0	.0	.0	.0	5.4 6.2
NNE	.1	.1	1.9	2.2	.5	.5	.4	.5	.1	.1	.0	.0	.0	.0	2.9 3.3
NNE	.1	.1	1.7	1.9	.5	.6	.3	.3	.0	.0	.0	.0	.0	.0	2.6 2.9
ENE	.0	.0	1.5	1.7	.3	.4	.2	.3	.0	.0	.0	.0	.0	.0	2.1 2.3
E	.2	.2	2.7	3.1	.7	.8	.3	.4	.1	.1	.0	.0	.0	.0	4.0 4.6
ESE	.1	.1	3.0	3.4	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	4.2 4.7
SE	.1	.1	3.3	3.7	.8	.9	.5	.5	.2	.2	.0	.0	.0	.0	4.8 5.5
SSE	.2	.2	3.8	4.4	1.3	1.4	.8	.9	.2	.2	.0	.0	.0	.0	6.3 7.2
S	.2	.2	8.8	10.0	3.3	3.8	2.5	2.8	1.1	1.3	.2	.3	.0	.0	16.1 18.4
SSW	.1	.2	4.9	5.6	2.3	2.6	1.6	1.8	.7	.8	.1	.2	.0	.0	9.8 11.2
SW	.1	.1	3.7	4.2	.9	1.0	.6	.7	.3	.3	.1	.1	.0	.0	5.7 6.5
WSW	.1	.1	2.5	2.9	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	3.4 3.9
W	.2	.2	2.9	3.3	.7	.7	.3	.4	.1	.2	.1	.1	.0	.0	4.3 4.9
WNW	.2	.3	2.3	2.6	.8	.9	.8	.9	.3	.3	.0	.0	.0	.0	4.5 5.1
NW	.1	.2	2.8	3.2	1.1	1.3	1.0	1.1	.4	.4	.0	.0	.0	.0	5.5 6.3
NNW	.1	.1	2.2	2.5	.9	1.0	.7	.8	.2	.2	.0	.0	.0	.0	4.1 4.7
CALM	2.0	2.3													2.0 2.3
TOTAL	4.0	4.5	51.4	58.6	16.4	18.7	11.1	12.7	4.1	4.7	.7	.8	.0	.0	87.7 100

CEILING-VISIBILITY

WIND GRAPH

MCI KANSAS CITY, MO

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 1 / NIGHT

STATION NUMBER: 03947

NO. OBS.: 7048

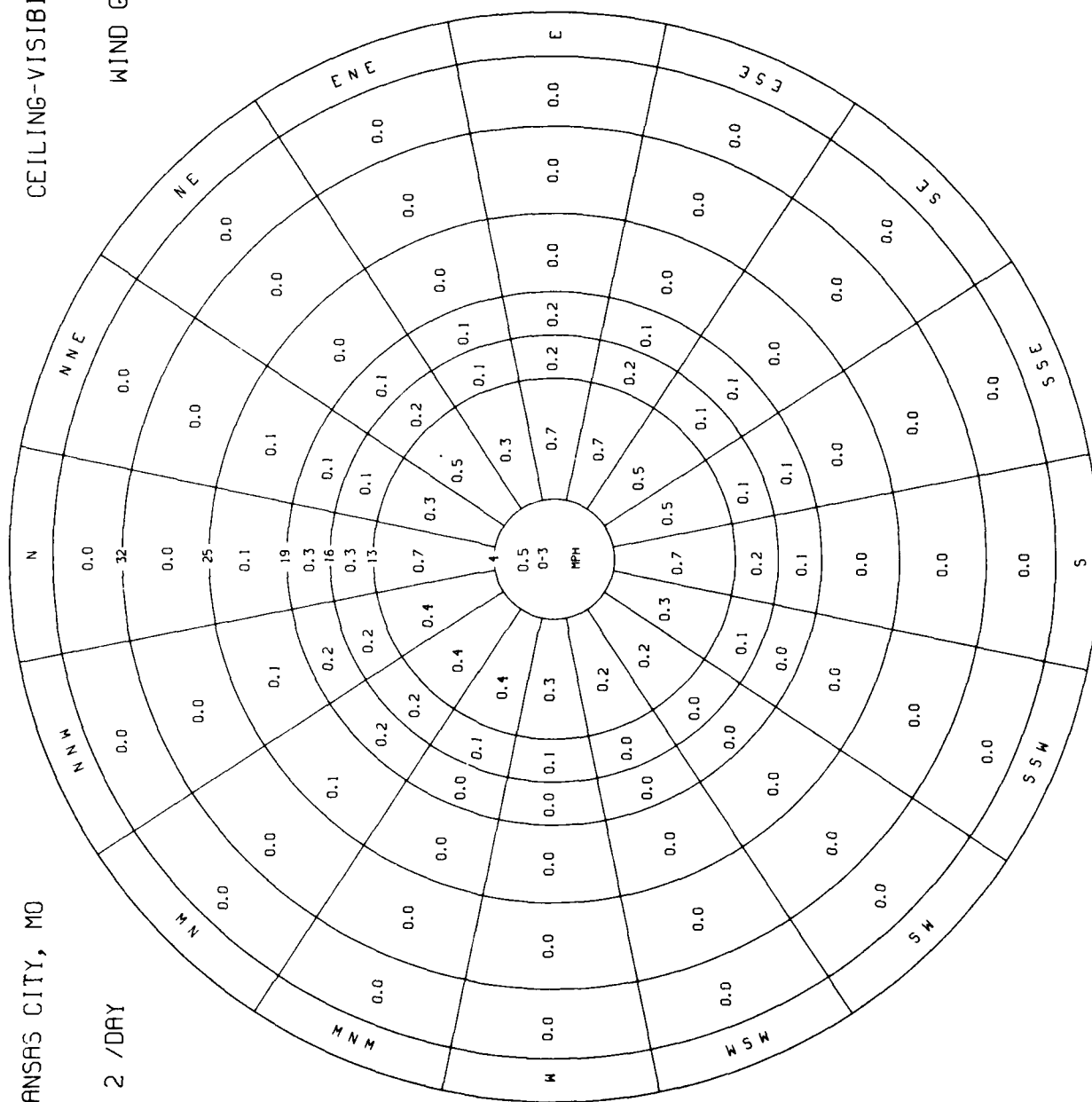
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.2	.2	3.0	3.4	.6	.7	.5	.6	.2	.2	.0	.0	.0	.0	.0	4.5	5.1	10.2
NNE	.1	.1	2.2	2.6	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	3.0	3.4	9.4
NE	.1	.1	2.3	2.7	.4	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	3.0	3.4	9.4
ENE	.0	.0	1.7	1.9	.3	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.2	2.5	9.4
E	.0	.1	3.7	4.2	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	4.5	5.1	9.3
ESE	.1	.1	4.6	5.2	.7	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	5.7	6.4	9.1
SE	.2	.2	5.4	6.2	.7	.8	.2	.3	.1	.1	.0	.0	.0	.0	.0	6.6	7.5	8.6
SSE	.2	.3	6.3	7.2	.7	.9	.4	.4	.1	.1	.0	.0	.0	.0	.0	7.8	8.8	8.9
S	.2	.2	11.2	12.7	2.9	3.2	1.5	1.7	.5	.6	.0	.1	.0	.0	.0	16.3	18.6	10.5
SSW	.1	.2	5.1	5.8	1.1	1.3	.8	.9	.3	.4	.0	.0	.0	.0	.0	7.5	8.5	10.5
SW	.1	.1	2.5	2.8	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	3.0	3.4	8.8
WSW	.1	.1	2.3	2.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	7.5
W	.2	.2	3.4	3.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	4.0	4.6	8.1
WNW	.2	.3	3.1	3.5	.4	.4	.3	.3	.2	.2	.0	.1	.0	.0	.0	4.3	4.9	9.2
NW	.2	.2	3.9	4.4	.8	.9	.7	.8	.3	.3	.0	.1	.0	.0	.0	5.9	6.7	10.6
NNW	.1	.1	2.3	2.6	.7	.8	.5	.6	.2	.3	.0	.0	.0	.0	.0	3.8	4.4	11.3
CALM	3.2	3.6														3.2	3.6	
TOTAL	5.3	6.1	62.9	71.7	10.8	12.3	6.1	7.0	2.4	2.7	.2	.3	.0	.0	.0	87.7	100	9.3

CEILING-VISIBILITY

WIND GRAPH

MCI KANSAS CITY, MO

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 2 / DAY

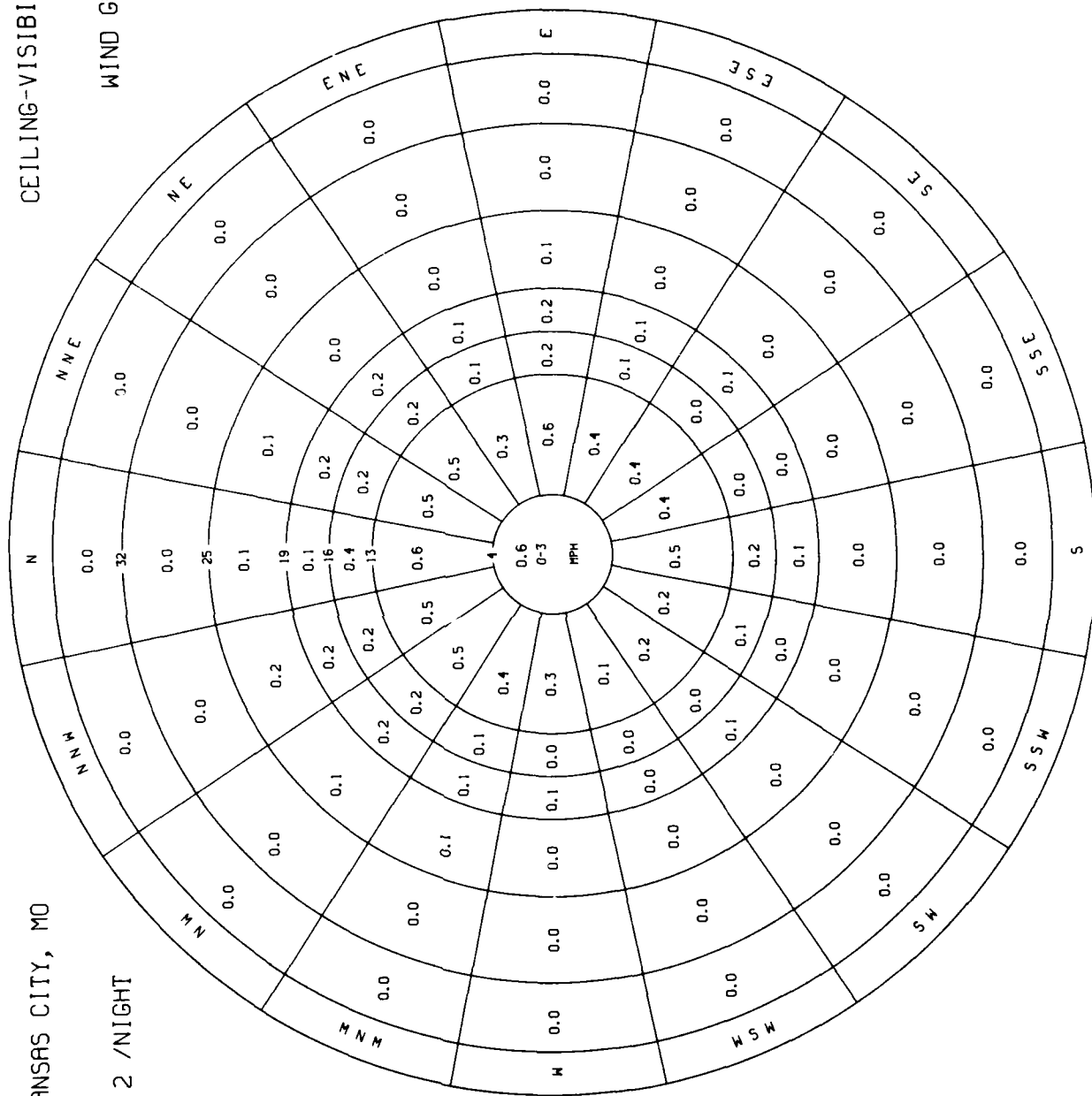
STATION NUMBER: 03947

NO. OBS.: 1169

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.7	5.6	.3	2.7	.3	2.5	.1	.6	.0	.3	.0	.1	1.5	11.8	13.1
NNE	.0	.1	.3	2.4	.1	1.2	.1	.9	.1	.9	.0	.2	.0	.0	.7	5.6	13.6
NE	.0	.0	.5	4.0	.2	1.3	.1	.6	.0	.3	.0	.0	.0	.0	.8	6.2	11.2
ENE	.0	.1	.3	2.8	.1	.8	.1	.8	.0	.2	.0	.0	.0	.0	.6	4.6	11.2
E	.1	.4	.7	5.7	.2	1.5	.2	1.7	.0	.3	.0	.1	.0	.0	1.2	9.7	10.9
ESE	.0	.2	.7	5.3	.2	2.0	.1	1.0	.0	.3	.0	.0	.0	.0	1.1	8.7	11.2
SE	.0	.2	.5	4.4	.1	1.0	.1	.8	.0	.2	.0	.0	.0	.0	.8	6.5	10.9
SSE	.0	.0	.5	4.2	.1	.9	.1	.4	.0	.0	.0	.0	.0	.0	.7	5.5	10.2
S	.0	.0	.7	6.0	.2	1.3	.1	.9	.0	.3	.0	.0	.0	.0	1.0	8.5	10.7
SSW	.0	.2	.3	2.5	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.5	9.8
SW	.0	.1	.2	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.9	7.7
WSW	.0	.2	.2	1.7	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.4	8.9
W	.0	.2	.3	2.5	.1	.4	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.4	9.1
WNW	.0	.1	.4	3.6	.1	.8	.0	.3	.0	.3	.0	.0	.0	.1	.6	5.2	10.9
NW	.0	.1	.4	3.2	.2	1.6	.2	1.3	.1	.8	.0	.0	.0	.0	.9	6.9	12.8
NNW	.0	.1	.4	3.5	.2	1.6	.2	1.5	.1	.6	.0	.1	.0	.0	.9	7.4	13.3
CALM	.3	2.2													.3	2.2	
TOTAL	.5	4.1	7.3	58.9	2.2	18.0	1.7	13.4	.6	4.7	.1	.6	.0	.2	12.3	100	11.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 2 / NIGHT

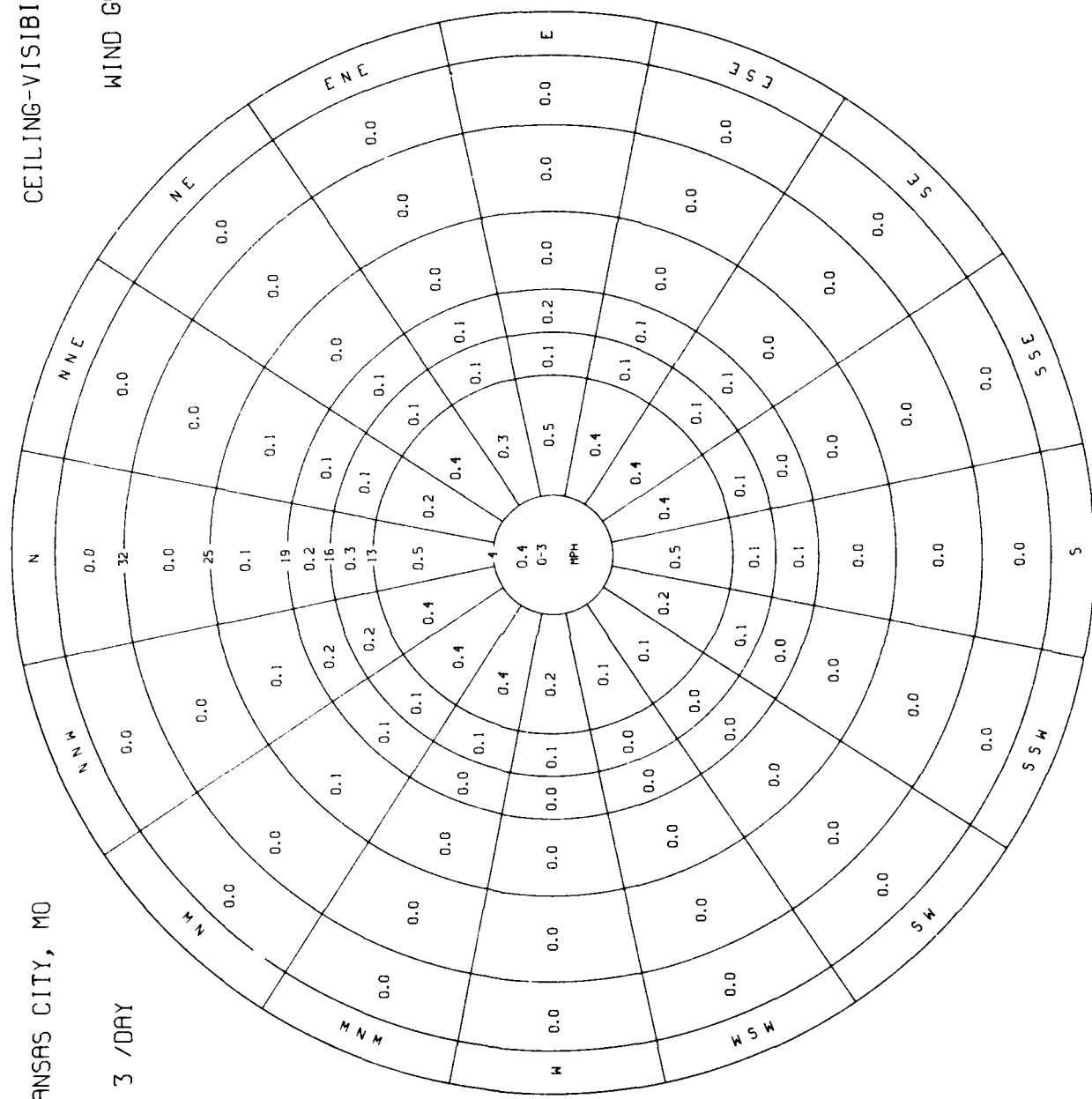
STATION NUMBER: 03947

NO. OBS.: 984

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.6	5.2	.4	3.2	.1	1.0	.1	1.1	.0	.1	.0	.0	1.3	10.6	12.8
NNE	.0	.0	.5	4.1	.2	1.8	.2	1.3	.1	.9	.0	.1	.0	.1	1.0	8.3	13.3
NE	.0	.0	.5	4.1	.2	1.8	.2	1.4	.0	.2	.0	.0	.0	.0	.9	7.5	12.0
ENE	.0	.0	.3	2.6	.1	.9	.1	.9	.0	.2	.0	.0	.0	.0	.6	4.7	11.9
E	.0	.0	.6	4.8	.2	2.0	.2	1.3	.1	.7	.0	.0	.0	.0	1.1	8.8	12.1
ESE	.0	.1	.4	3.7	.1	.6	.1	.8	.0	.3	.0	.1	.0	.0	.7	5.6	11.7
SE	.0	.2	.4	3.0	.0	.4	.1	.8	.0	.2	.0	.0	.0	.0	.6	4.7	10.5
SSE	.0	.1	.4	3.5	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.5	4.3	9.2
S	.0	.1	.5	4.4	.2	1.3	.1	1.0	.0	.4	.0	.0	.0	.0	.9	7.2	11.1
SSW	.0	.2	.2	1.7	.1	1.0	.0	.2	.0	.3	.0	.1	.0	.0	.4	3.6	11.6
SW	.0	.0	.2	1.4	.0	.2	.1	.5	.0	.1	.0	.0	.0	.0	.3	2.2	11.2
WSW	.0	.0	.1	1.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.2	1.8	11.8
W	.0	.1	.3	2.5	.0	.1	.1	.6	.0	.3	.0	.1	.0	.0	.5	3.8	10.7
WNW	.0	.2	.4	3.2	.1	.9	.1	.5	.1	.6	.0	.2	.0	.0	.7	5.6	12.0
NW	.0	.3	.5	4.2	.2	1.8	.2	1.6	.1	.6	.0	.2	.0	.0	1.1	8.7	12.4
NNW	.0	.1	.5	4.2	.2	1.7	.2	1.8	.2	1.5	.0	.0	.0	.1	1.2	9.5	13.7
CALM	.4	3.2													.4	3.2	
TOTAL	.6	4.6	6.5	53.5	2.3	18.7	1.8	14.3	1.0	7.8	.1	.9	.0	.2	12.3	100	11.7

MCI KANSAS CITY, MO
CLASS 3 /DAY

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: MCI KANSAS CITY, MO

CLASS 3 / DAY

NO. OBS.: 906

STATION NUMBER: 03947

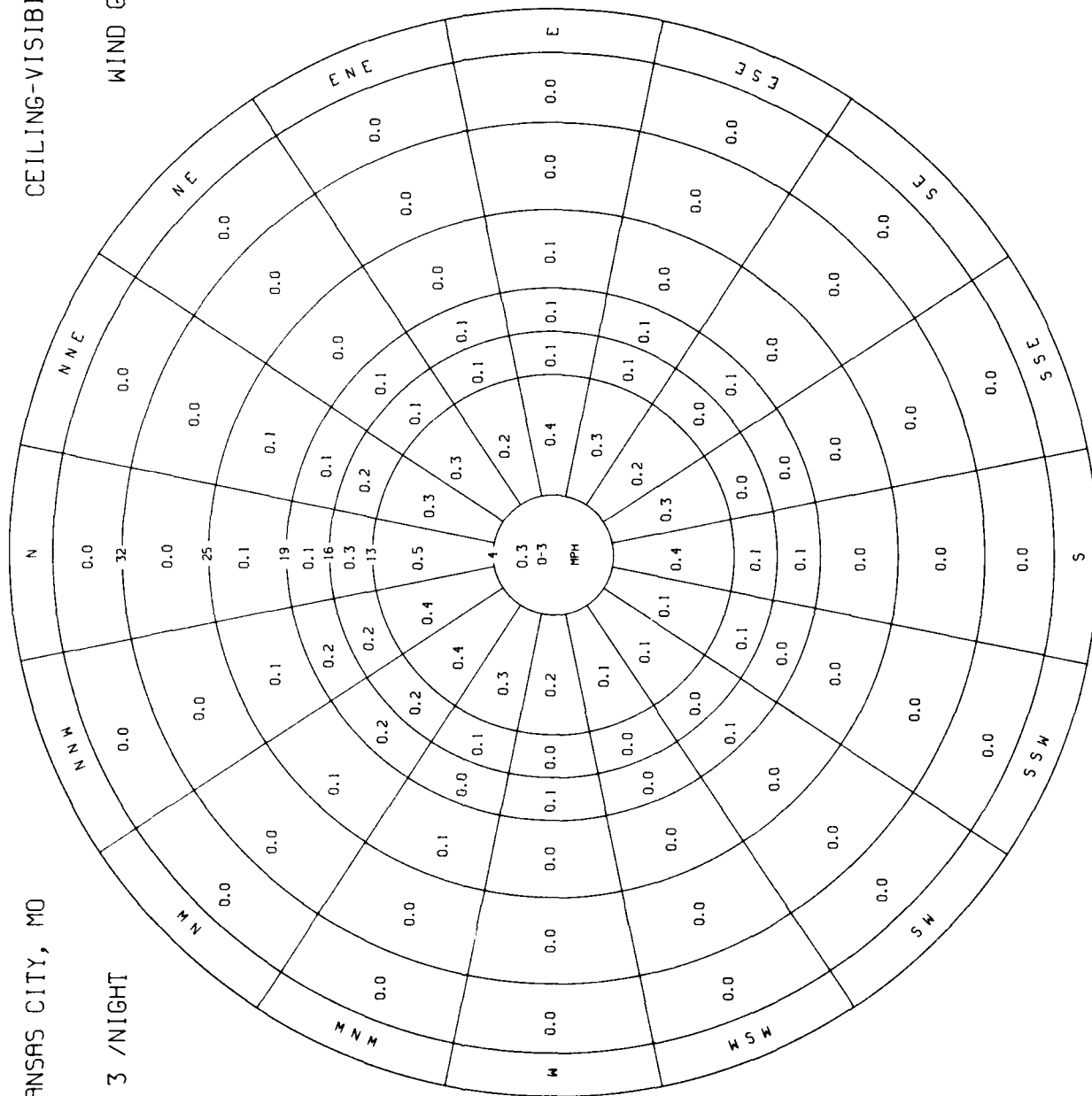
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.5	5.6	.3	3.1	.2	2.3	.1	.6	.0	.3	.0	.1	1.2 12.1
NNE	.0	.1	.2	2.3	.1	1.4	.1	.9	.1	.9	.0	.1	.0	.0	.5 5.7
NE	.0	.0	.4	3.8	.1	1.2	.1	.8	.0	.2	.0	.0	.0	.0	.6 6.0
ENE	.0	.1	.3	2.6	.1	.7	.1	.7	.0	.0	.0	.0	.0	.0	.4 4.1
E	.1	.6	.5	5.7	.1	1.4	.2	1.7	.0	.3	.0	.1	.0	.0	.9 9.8
ESE	.0	.1	.4	4.4	.1	1.5	.1	.8	.0	.3	.0	.0	.0	.0	.7 7.2
SE	.0	.1	.4	4.3	.1	1.0	.1	.8	.0	.2	.0	.0	.0	.0	.6 6.4
SSE	.0	.0	.4	4.4	.1	1.0	.0	.4	.0	.0	.0	.0	.0	.0	.6 5.8
S	.0	.0	.5	5.7	.1	1.3	.1	1.1	.0	.3	.0	.0	.0	.0	.8 8.5
SSW	.0	.2	.2	2.4	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.3 3.6
SW	.0	.1	.1	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
WSW	.0	.2	.1	1.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.0
W	.0	.2	.2	2.1	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.3 3.3
WNW	.0	.0	.4	4.1	.1	1.0	.0	.4	.0	.4	.0	.0	.0	.1	.6 6.1
NW	.0	.0	.4	3.8	.1	1.5	.1	1.5	.1	1.0	.0	.0	.0	.0	.7 7.8
NNW	.0	.0	.4	3.8	.2	1.8	.2	1.7	.1	.7	.0	.0	.0	.0	.7 7.8
CALM	.2	2.1													.2 2.1
TOTAL	.4	4.0	5.5	57.6	1.8	18.8	1.3	13.7	.5	5.2	.1	.6	.0	.2	9.5 100
															11.4

CEILING-VISIBILITY

WIND GRAPH

MCI KANSAS CITY, MO

CLASS 3 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: MCI KANSAS CITY, MO

CLASS 3 / NIGHT

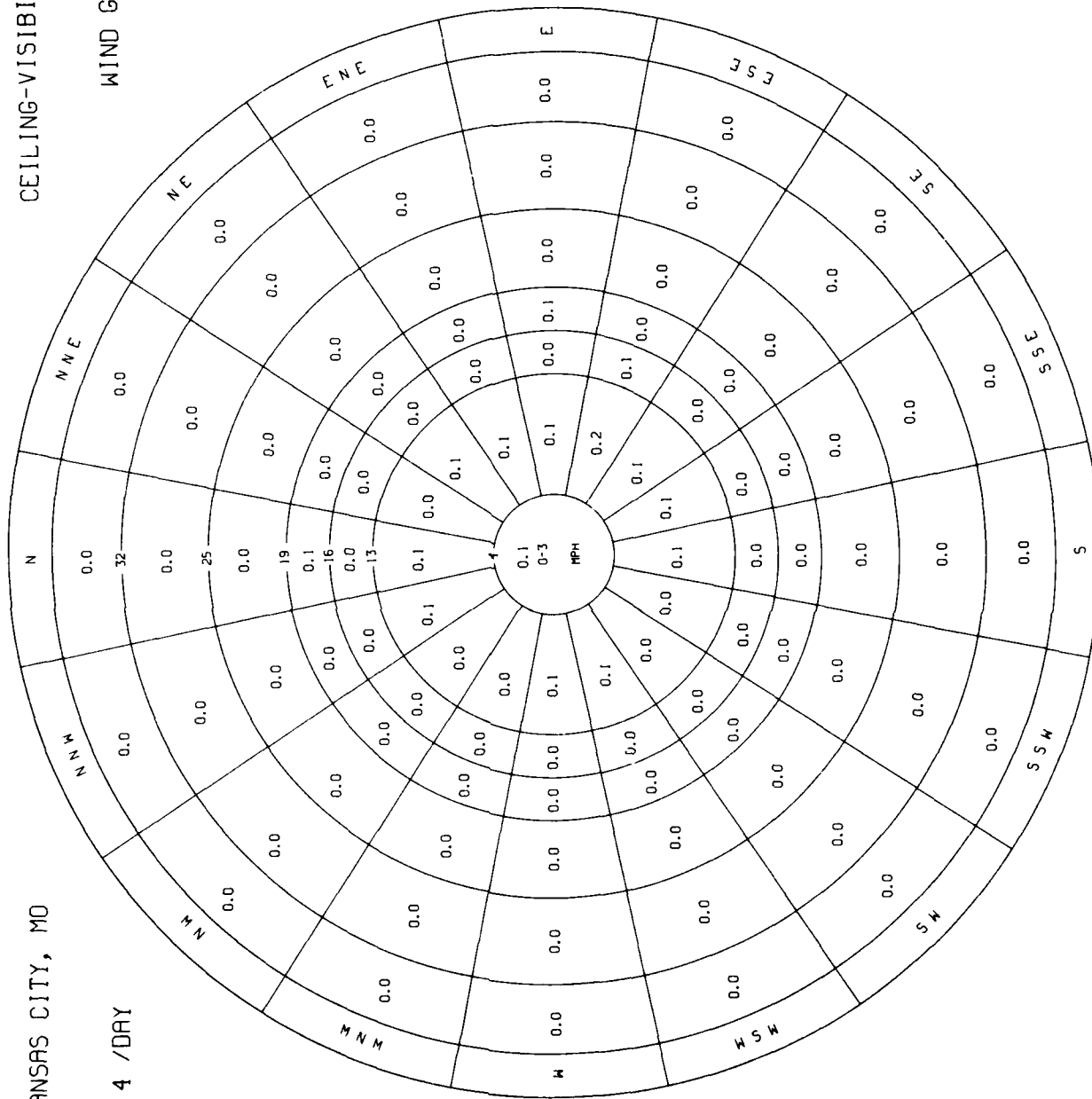
NO. OBS.: 719

STATION NUMBER: 03947

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.5	5.8	.3	3.5	.1	1.3	.1	1.3	.0	.1	.0	.0	1.1 12.0
NNE	.0	.0	.3	3.6	.2	2.1	.1	1.5	.1	1.0	.0	.0	.0	.1	.7 8.3
NE	.0	.0	.3	3.3	.1	1.5	.1	1.7	.0	.3	.0	.0	.0	.0	.6 6.8
ENE	.0	.0	.2	1.9	.1	1.1	.1	1.0	.0	.3	.0	.0	.0	.0	.4 4.3
E	.0	.0	.4	4.3	.1	1.5	.1	1.3	.1	.7	.0	.0	.0	.0	.7 7.8
ESE	.0	.0	.3	2.9	.1	.7	.1	.7	.0	.4	.0	.1	.0	.0	.4 4.9
SE	.0	.1	.2	2.5	.0	.6	.1	.8	.0	.3	.0	.0	.0	.0	.4 4.3
SSE	.0	.1	.3	3.2	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.4 4.2
S	.0	.0	.4	4.0	.1	1.3	.1	1.1	.0	.6	.0	.0	.0	.0	.6 7.0
SSW	.0	.1	.1	1.1	.1	1.3	.0	.3	.0	.4	.0	.1	.0	.0	.3 3.3
SW	.0	.0	.1	1.0	.0	.3	.1	.7	.0	.1	.0	.0	.0	.0	.2 2.1
WSW	.0	.0	.1	.8	.0	.6	.0	.3	.0	.3	.0	.0	.0	.0	.2 1.9
W	.0	.0	.2	1.9	.0	.1	.1	.7	.0	.4	.0	.1	.0	.0	.3 3.3
WNW	.0	.1	.3	3.1	.1	1.1	.0	.6	.1	.8	.0	.1	.0	.0	.5 5.8
NW	.0	.3	.4	4.7	.2	2.2	.2	2.1	.1	.8	.0	.3	.0	.0	.9 10.4
NNW	.0	.0	.4	4.5	.2	2.1	.2	2.4	.1	1.7	.0	.0	.0	.1	1.0 10.7
CALM	.2	2.8													.2 2.8
TOTAL	.3	3.6	4.4	48.8	1.8	20.3	1.5	16.6	.8	9.5	.1	1.0	.0	.3	9.0 100

CEILING-VISIBILITY WIND GRAPH

MCI KANSAS CITY, MO
CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 4 / DAY

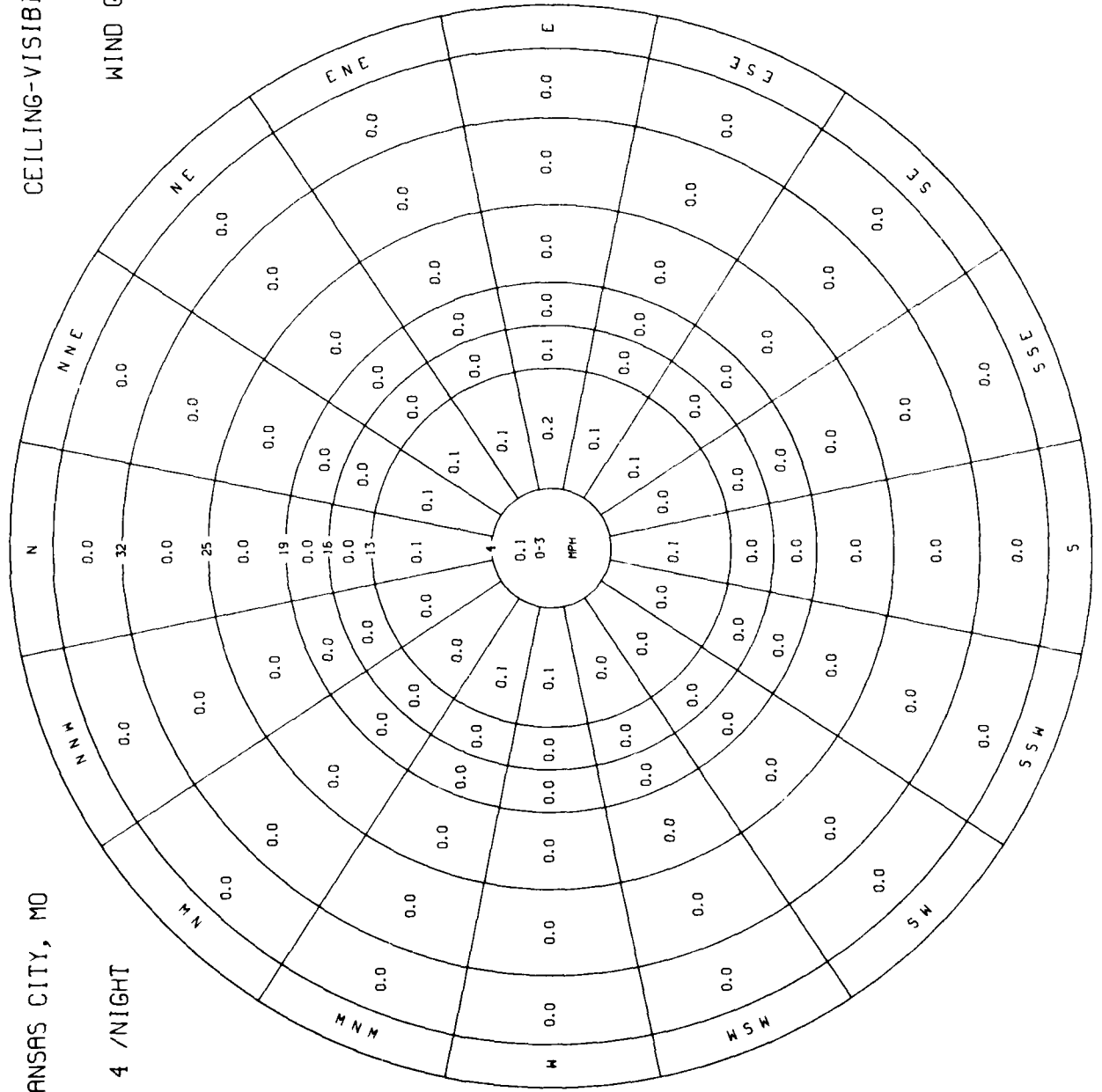
STATION NUMBER: 03947

NO. OBS.: 165

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	4.2	.0	2.4	.1	4.8	.0	.6	.0	.0	.0	.0	.2 12.1
NNE	.0	.0	.0	2.4	.0	.0	.0	1.2	.0	1.2	.0	.6	.0	.0	.1 5.5
NNE	.0	.0	.1	4.2	.0	1.2	.0	.0	.0	.6	.0	.0	.0	.0	.1 6.1
ENE	.0	.0	.1	3.6	.0	1.2	.0	1.2	.0	1.2	.0	.0	.0	.0	.1 7.3
E	.0	.0	.1	4.2	.0	2.4	.1	3.0	.0	.0	.0	.0	.0	.0	.2 9.7
ESE	.0	.6	.2	9.7	.1	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.3 14.5
SE	.0	.0	.1	5.5	.0	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.1 7.9
SSE	.0	.0	.1	3.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.1 4.8
S	.0	.0	.1	5.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.7
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
SW	.0	.0	.0	1.8	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0 2.4
WSW	.0	.0	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
W	.0	.0	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
NW	.0	.0	.0	.6	.0	2.4	.0	.6	.0	.0	.0	.0	.0	.0	.1 3.6
NNW	.0	.6	.1	4.2	.0	1.2	.0	1.2	.0	.6	.0	.6	.0	.0	.1 8.5
CALM	.0	1.8													.0 1.8
TOTAL	.1	3.0	1.0	58.8	.3	18.2	.3	14.5	.1	4.2	.0	1.2	.0	.0	1.7 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 4 / NIGHT

STATION NUMBER: 03947

NO. OBS.: 158

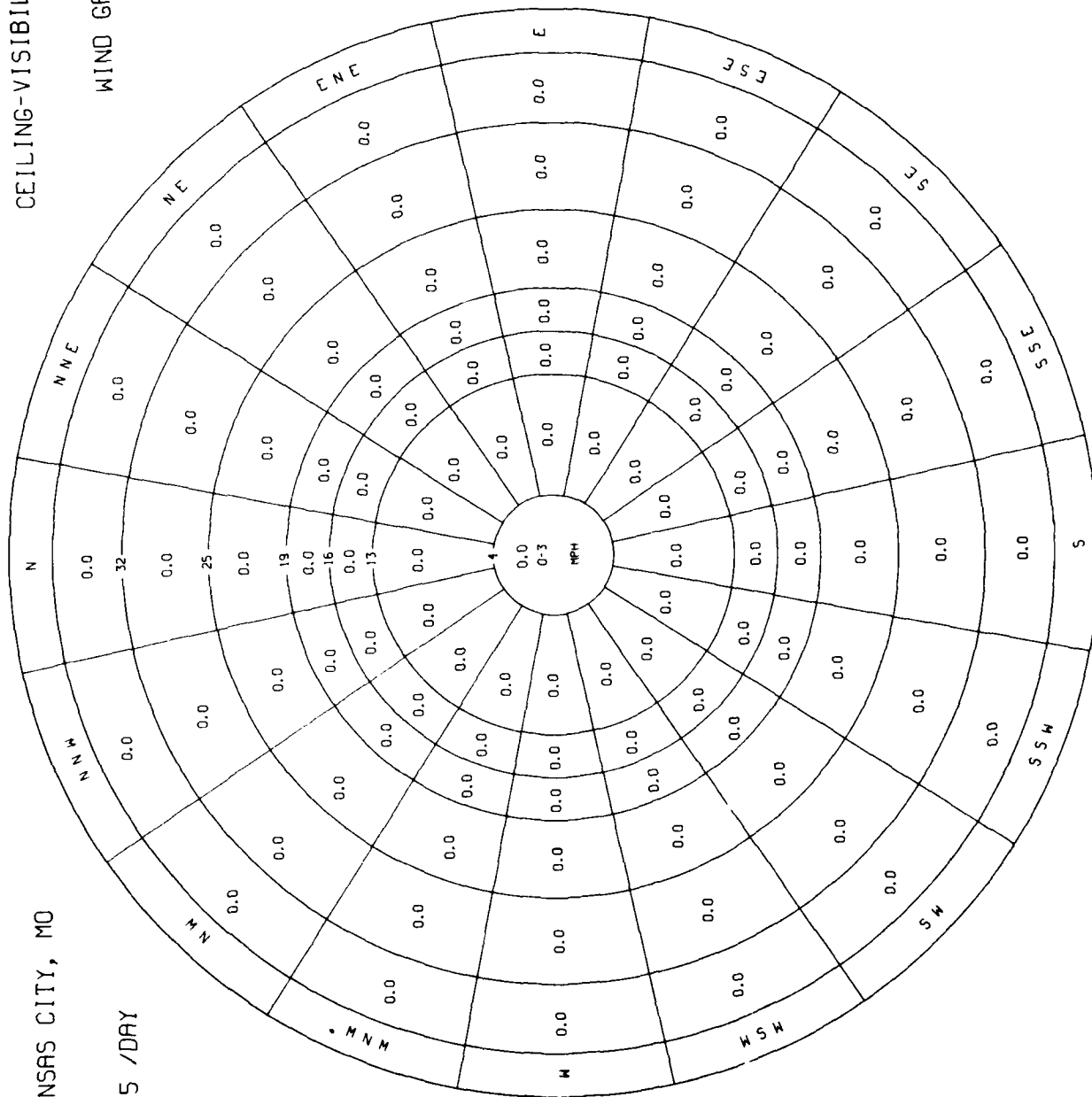
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.1	4.4	.0	1.9	.0	.6	.0	1.3	.0	.0	.0	.0	.2 8.2
NNE	.0	.0	.1	5.1	.0	1.9	.0	1.3	.0	.6	.0	.6	.0	.0	.2 9.5
NNE	.0	.0	.1	6.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.0
ENE	.0	.0	.1	5.7	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.1 7.6
E	.0	.0	.2	8.2	.1	3.2	.0	1.9	.0	1.3	.0	.0	.0	.0	.3 14.6
ESE	.0	.0	.1	5.7	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.1 7.6
SE	.0	.0	.1	3.8	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.1 4.4
SSE	.0	.0	.0	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
S	.0	.0	.1	6.3	.0	1.9	.0	1.3	.0	.0	.0	.0	.0	.0	.2 9.5
SSW	.0	.6	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
SW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	.6	.1	4.4	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.1 5.7
WNW	.0	.0	.1	3.8	.0	.6	.0	.6	.0	.0	.0	.6	.0	.0	.1 5.7
NW	.0	.0	.0	1.3	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0 2.5
NNW	.0	.0	.0	2.5	.0	1.3	.0	.6	.0	1.9	.0	.0	.0	.0	.1 6.3
CALM	.0	2.5													.0 2.5
TOTAL	.1	3.8	1.3	64.6	.3	14.6	.2	10.8	.1	5.1	.0	1.3	.0	.0	2.0 10.6

CEILING-VISIBILITY

WIND GRAPH

MCI KANSAS CITY, MO

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: MCI KANSAS CITY, MO

CLASS 5 / DAY

NO. OBS.: 30

STATION NUMBER: 03947

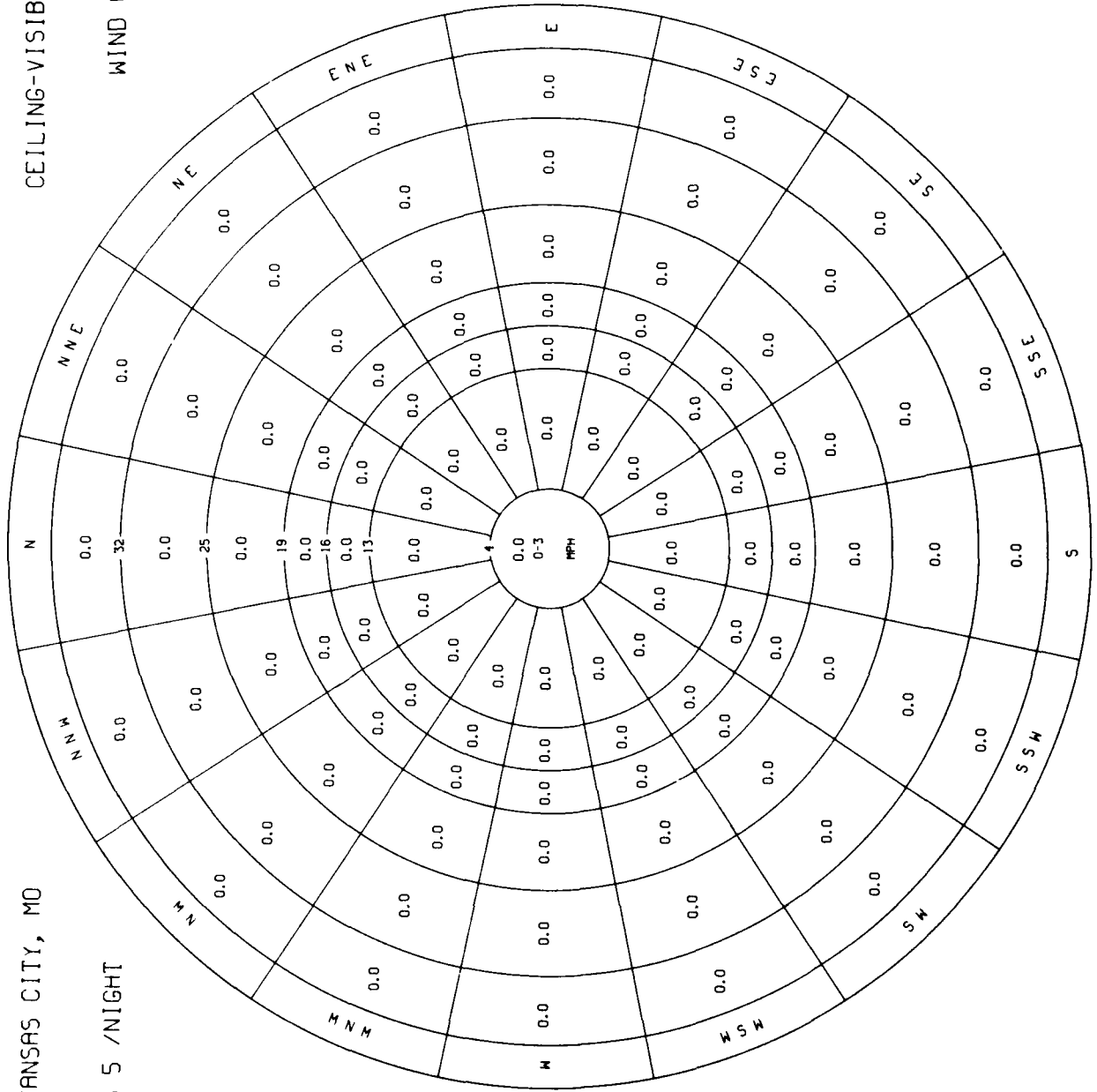
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	.0	.0	3.3	.0	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	6.7	13.5
NNE	.0	.0	.0	3.3	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	6.7	11.5
NE	.0	.0	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	11.0
ENE	.0	.0	.0	.0	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	6.7	14.5
E	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	9.3
ESE	.0	.0	.0	3.3	.0	6.7	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	13.3	12.0
SE	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	14.0
SSW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	10.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	13.3	8.8
W	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.0
NW	.0	.0	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	12.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	3.3														.0	3.3	
TOTAL	.0	3.3	.2	60.0	.1	20.0	.0	13.3	.0	3.3	.0	.0	.0	.0	.0	.3	100	9.8

MCI KANSAS CITY, MO

CLASS 5 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 5 / NIGHT

STATION NUMBER: 03947

NO. OBS.: 48

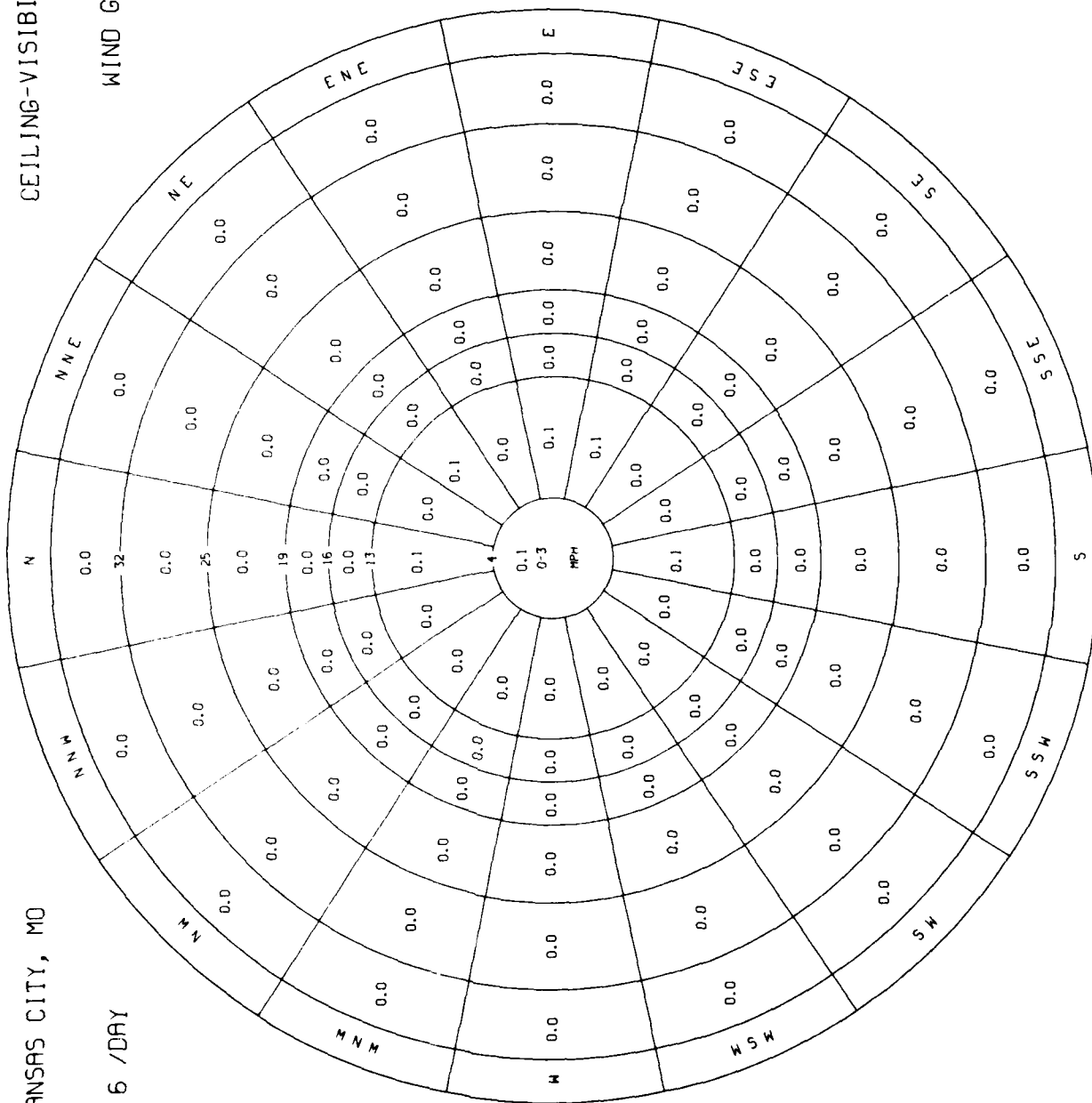
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.0	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	13.5
NNE	.0	.0	.0	4.2	.0	.0	.0	.0	.0	2.1	.0	.0	.0	.0	.0	6.3	13.0
NE	.0	.0	.0	4.2	.0	6.3	.0	2.1	.0	.0	.0	.0	.0	.0	.1	12.5	12.5
ENE	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	9.3
E	.0	.0	.0	2.1	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	13.5
ESE	.0	2.1	.0	2.1	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	6.3	9.3
SE	.0	.0	.0	6.3	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	8.3	10.0
SSE	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.7
S	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.7
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.0
SW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
WSW	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.0
W	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
WNW	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.0
NW	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.0
NNW	.0	2.1	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.4	7.0
CALM	.0	4.2													.0	4.2	
TOTAL	.0	8.3	.4	68.8	.1	14.6	.0	6.3	.0	2.1	.0	.0	.0	.0	.6	100	9.2

CEILING-VISIBILITY

WIND GRAPH

MCI KANSAS CITY, MO

CLASS 6 /DAY



ANNUAL

PERIOD: 1973-1978

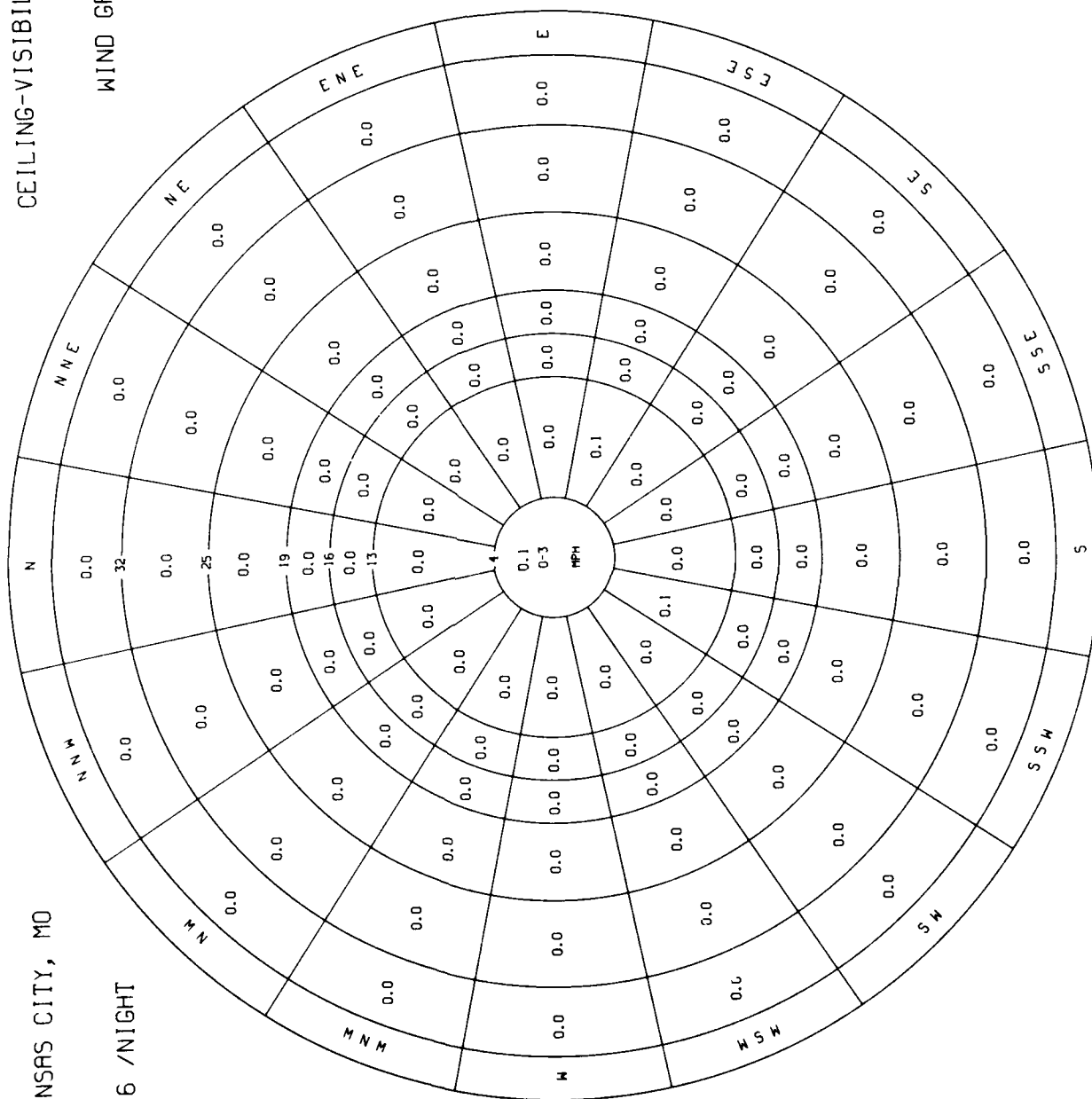
CLASS 6 / DAY

NO. OBS.: 89

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.0	.1	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	8.0
NNE	.0	.0	.0	2.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.7
NE	.0	.0	.1	7.4	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	9.1
ENE	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.0
E	.0	.0	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	7.4
ESE	.0	.0	.1	7.4	.0	1.5	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.1	13.2	11.1
SE	.0	1.5	.0	1.5	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.3
SSE	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.3
S	.0	.0	.1	13.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.7	9.4
SSW	.0	.0	.0	5.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	7.4
SW	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.7
WSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	12.0
W	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0
WNW	.0	1.5	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.7
NW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.5
NNW	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	13.0
CALM	.0	4.4			.1	7.4		.1	7.4	.0	.0	.0	.0	.0	.0	.0	4.4	
TOTAL	.1	8.8	.5	76.5	.1	7.4	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.7	100	8.0

CEILING-VISIBILITY

WIND GRAPH



MCI KANSAS CITY, MO

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MCI KANSAS CITY, MO

PERIOD: 1973-1978

CLASS 6 / NIGHT

STATION NUMBER: 03947

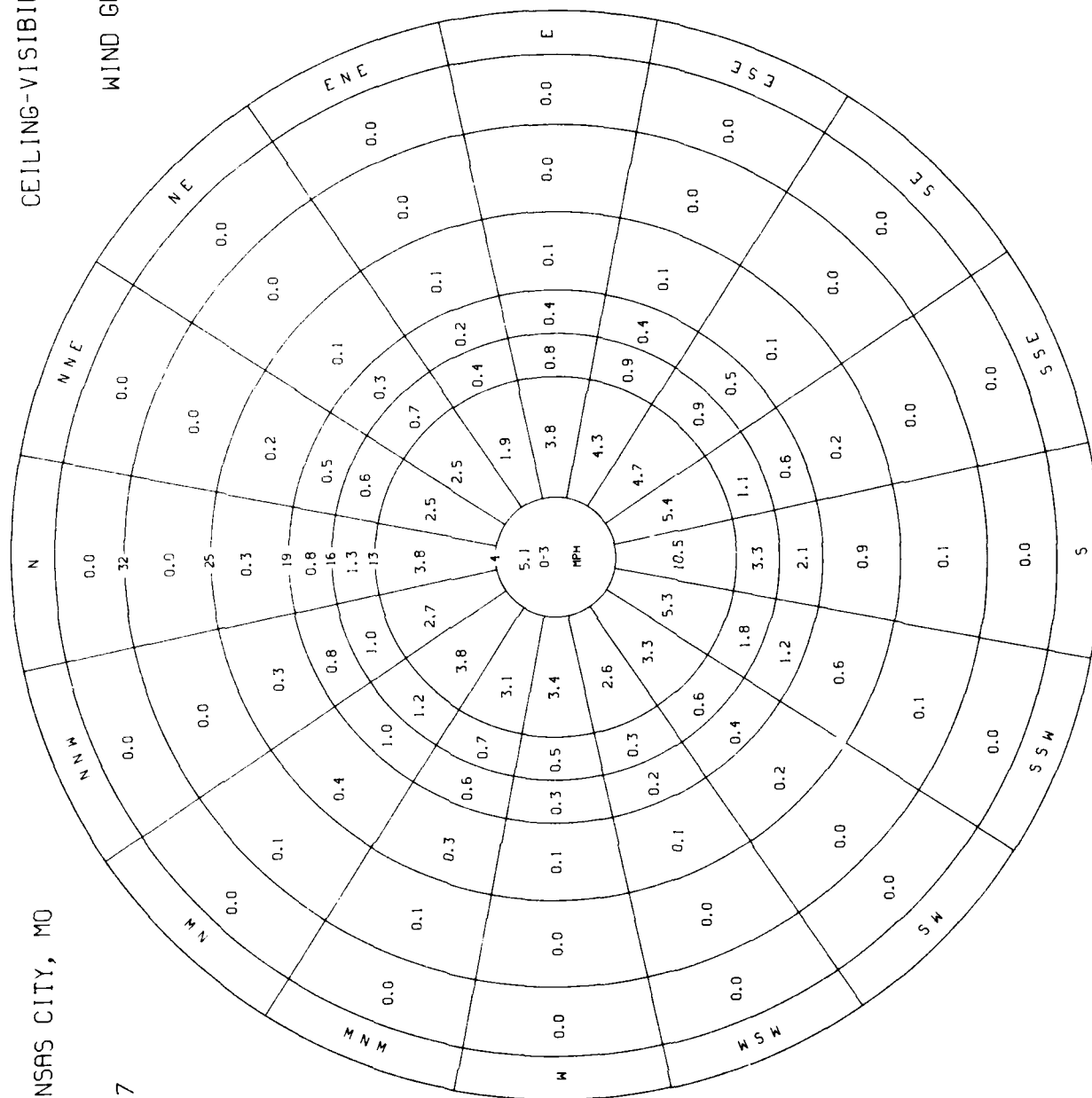
NO. OBS.: 59

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
NNE	.0	.0	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.8
NE	.0	.0	.0	6.8	.0	5.1	.0	1.7	.0	.0	.0	.0	.0	.0	.1 13.6
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	.0	.0	3.4	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0 6.8
ESE	.0	.0	.1	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8 5
SE	.0	1.7	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.8
SSE	.0	.0	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.8
S	.0	1.7	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
SSW	.0	.0	.1	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8 5
SW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
WSW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
W	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
WNW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
NW	.0	1.7	.0	3.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.8
NNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
CALM	.1	8.5													.1 8.5
TOTAL	.1	15.3	.5	67.8	.1	13.6	.0	3.4	.0	.0	.0	.0	.0	.0	.7 100
															7.7

MCI KANSAS CITY, MO

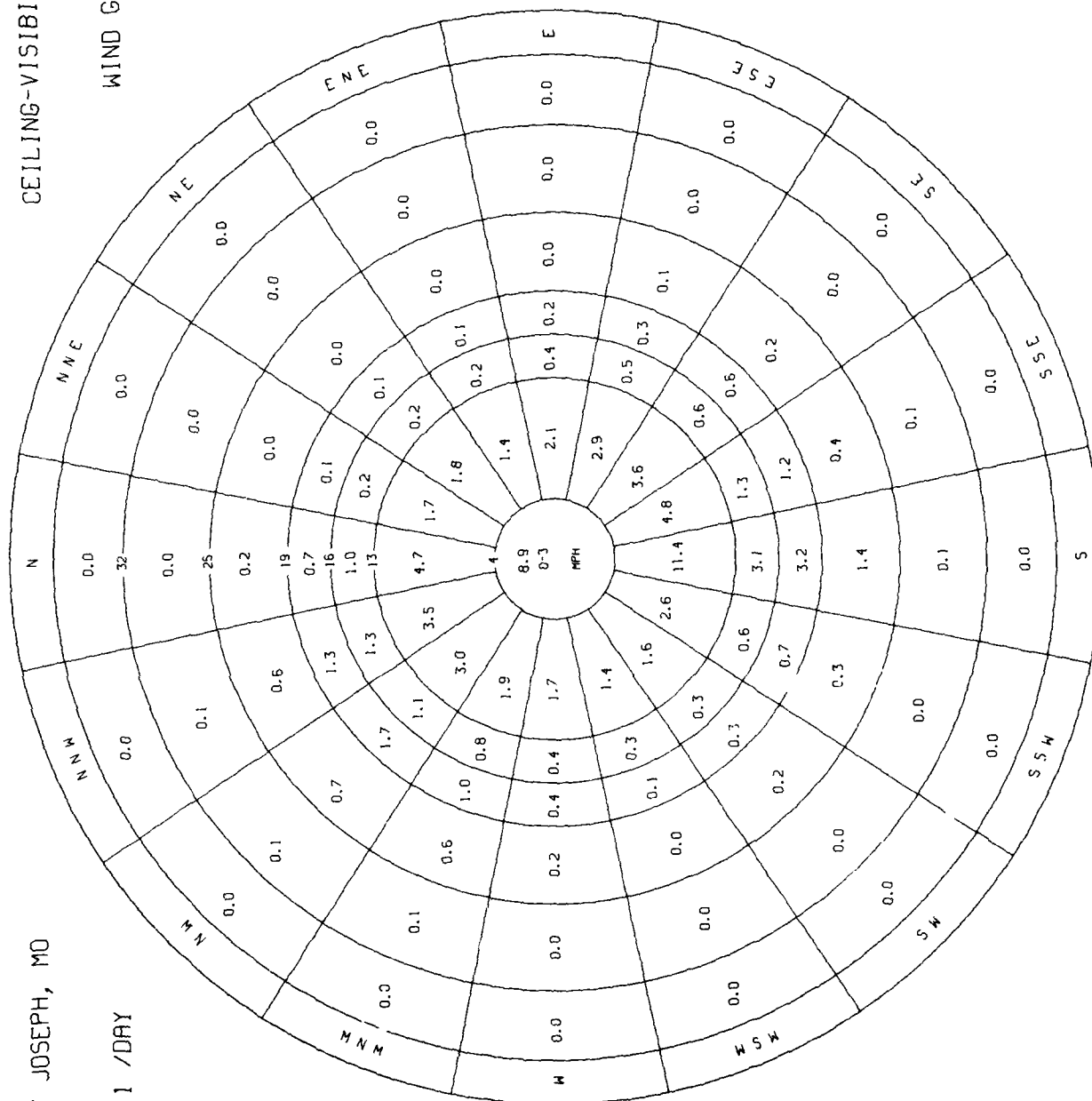
WIND GRAPH

CLASS 7



STJ ST JOSEPH, MO

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 1 / DAY

STATION NUMBER: 13993

NO. OBS.: 13816

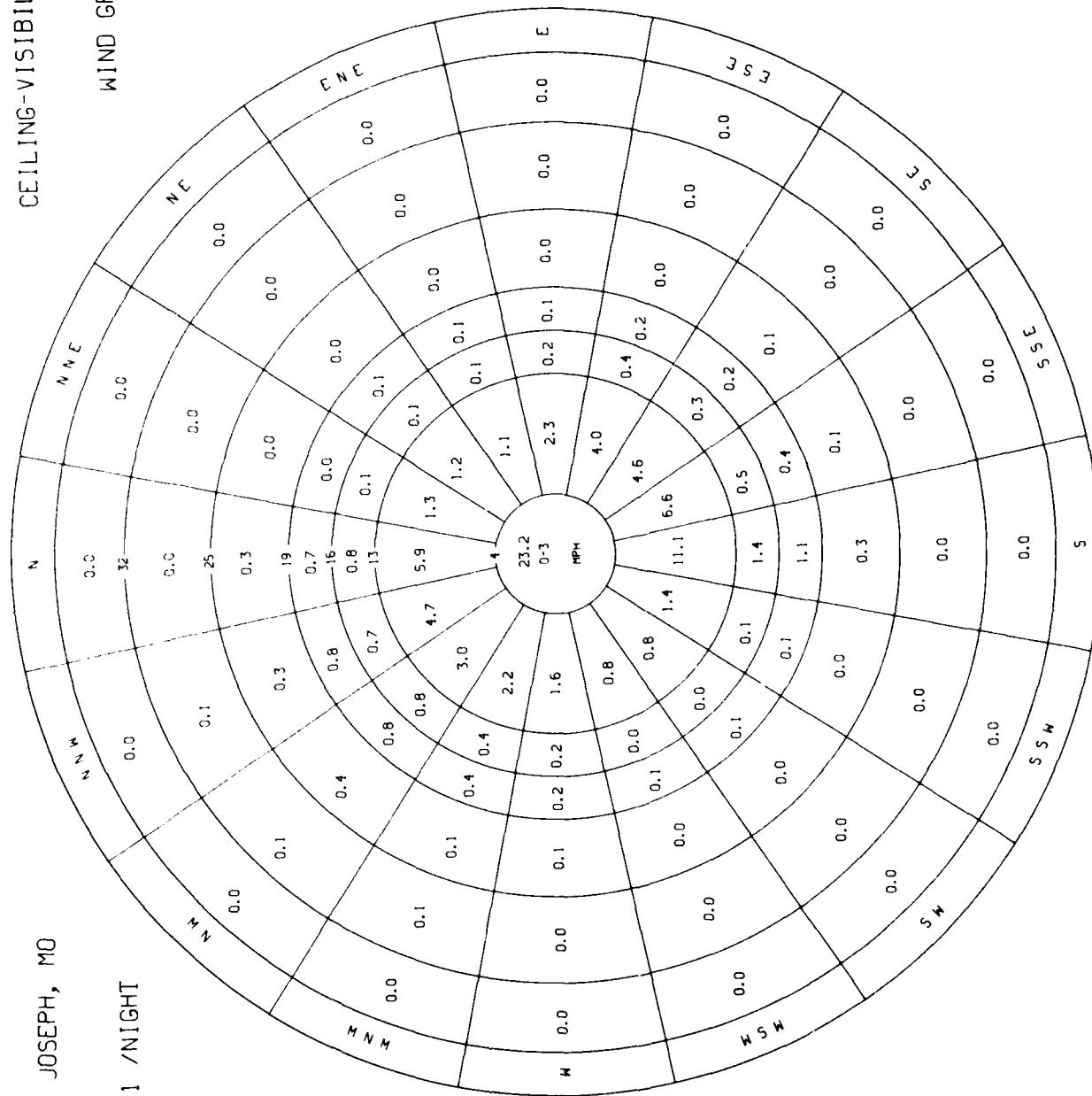
O I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.3	.3	4.7	5.3	1.0	1.2	.7	.8	.2	.2	.0	.0	.0	.0	6.9	7.8	10.2
NNE	.1	.1	1.7	1.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.1	2.4	8.6
NE	.1	.1	1.8	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.5	9.2
ENE	.1	.1	1.4	1.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.7	1.9	9.3
E	.1	.1	2.1	2.3	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	2.8	3.1	9.6
ESE	.1	.1	2.9	3.2	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	3.9	4.3	9.9
SE	.1	.1	3.6	4.1	.6	.7	.6	.6	.2	.2	.0	.0	.0	.0	5.1	5.7	10.3
SSE	.2	.2	4.8	5.4	1.3	1.4	1.2	1.3	.4	.4	.1	.1	.0	.0	7.9	8.9	11.2
S	.5	.5	11.4	12.8	3.1	3.5	3.2	3.6	1.4	1.5	.1	.2	.0	.0	19.8	22.2	11.8
SSW	.1	.1	2.6	3.0	.6	.7	.7	.8	.3	.3	.0	.0	.0	.0	4.4	5.0	11.5
SW	.1	.2	1.6	1.8	.3	.3	.3	.4	.2	.2	.0	.0	.0	.0	2.7	3.0	11.2
WSW	.1	.2	1.4	1.5	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.0	2.2	9.8
W	.2	.2	1.7	1.9	.4	.4	.4	.4	.2	.2	.0	.0	.0	.0	2.9	3.3	10.8
WNW	.1	.2	1.9	2.1	.8	.9	1.0	1.2	.6	.6	.1	.1	.0	.0	4.5	5.1	13.4
NW	.1	.1	3.0	3.4	1.1	1.3	1.7	1.9	.7	.8	.1	.2	.0	.0	6.8	7.7	13.4
NNW	.2	.2	3.5	3.9	1.3	1.5	1.3	1.4	.6	.7	.1	.1	.0	.0	6.9	7.8	12.4
CALM	6.4	7.1													6.4	7.1	
TOTAL	8.9	10.0	50.1	56.3	12.5	14.0	12.0	13.5	4.8	5.4	.6	.7	.1	.1	89.0	100	10.5

CEILING-VISIBILITY

WIND GRAPH

STJ ST JOSEPH, MO

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 1 / NIGHT

NO. OBS.: 12237

STATION NUMBER: 13993

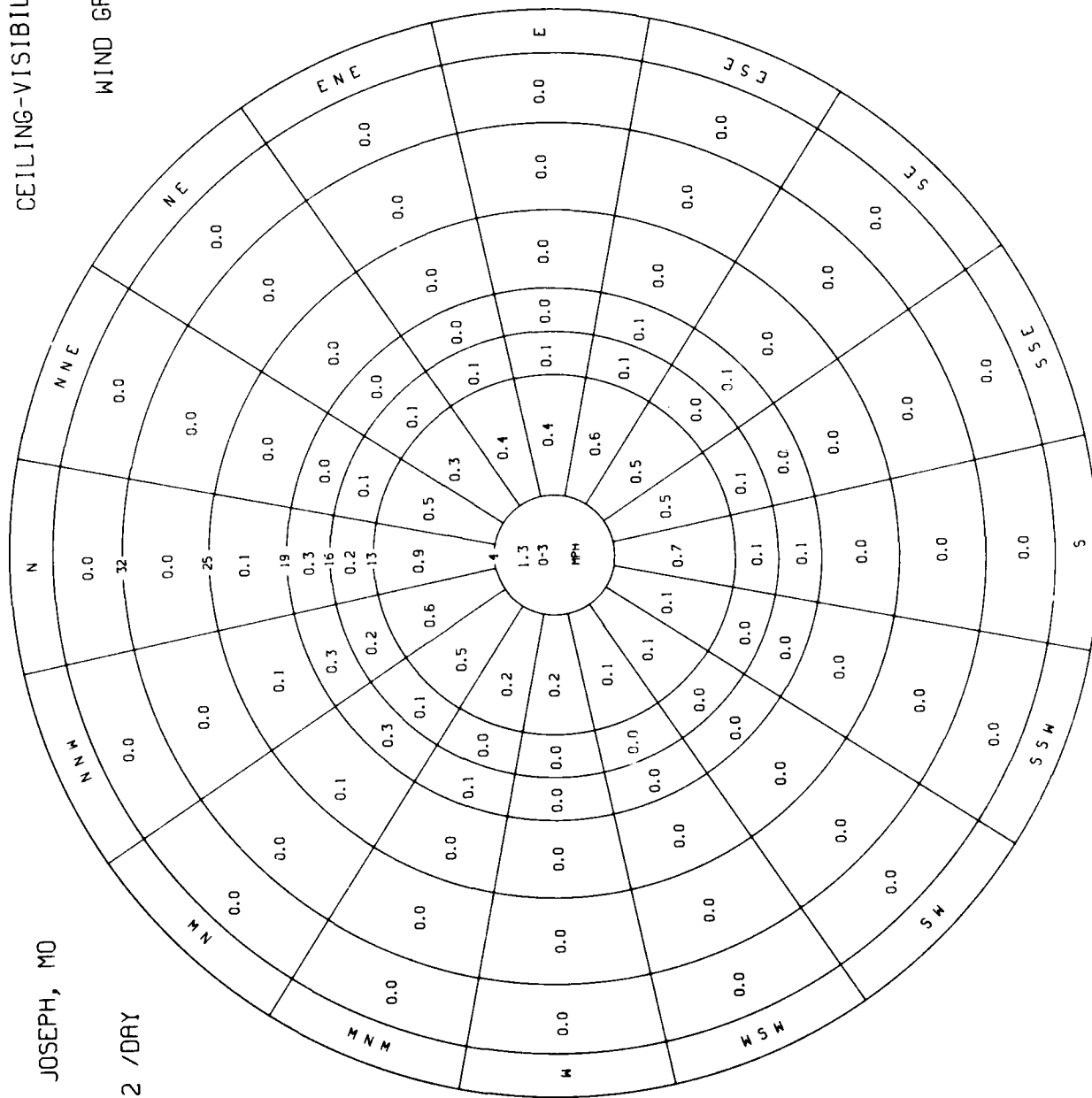
D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.4	.4	5.9	6.7	.8	.8	.7	.7	.3	.3	.0	.0	.0	.0	8.0	9.0	9.5					
NNE	.1	.1	1.3	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.7	7.8					
NE	.0	.0	1.2	1.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.6	8.7					
ENE	.1	.1	1.1	1.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.5	9.0					
E	.1	.1	2.3	2.6	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.1	8.6					
ESE	.1	.1	4.0	4.5	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	4.7	5.3	8.6					
SE	.2	.2	4.6	5.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.4	6.1	8.4					
SSE	.4	.4	6.6	7.3	.5	.5	.4	.5	.1	.2	.0	.0	.0	.0	7.9	8.9	8.5					
S	.7	.8	11.1	12.4	1.4	1.6	1.1	1.2	.3	.4	.0	.0	.0	.0	14.6	16.3	9.2					
SSW	.2	.2	1.4	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.8	2.0	8.0					
SW	.1	.1	.8	.9	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	1.0	1.1	7.9					
WSW	.1	.1	.8	.9	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	1.1	1.2	8.2					
W	.3	.3	1.6	1.8	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.4	2.7	9.0					
WNW	.2	.2	2.2	2.4	.4	.4	.4	.5	.1	.1	.1	.1	.0	.0	3.3	3.7	10.2					
NW	.3	.4	3.0	3.4	.8	.9	.8	.9	.4	.4	.1	.1	.0	.0	5.4	6.0	11.2					
NNW	.4	.4	4.7	5.3	.7	.7	.8	.9	.3	.4	.1	.1	.0	.0	7.0	7.8	10.0					
CALM	19.6	21.9													19.6	21.9						
TOTAL	23.2	26.0	52.6	58.8	6.1	6.8	5.3	5.9	1.9	2.1	.3	.3	.1	.1	89.3	100	7.2					

CEILING-VISIBILITY

WIND GRAPH

STJ ST JOSEPH, MO

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STJ ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 2 / DAY

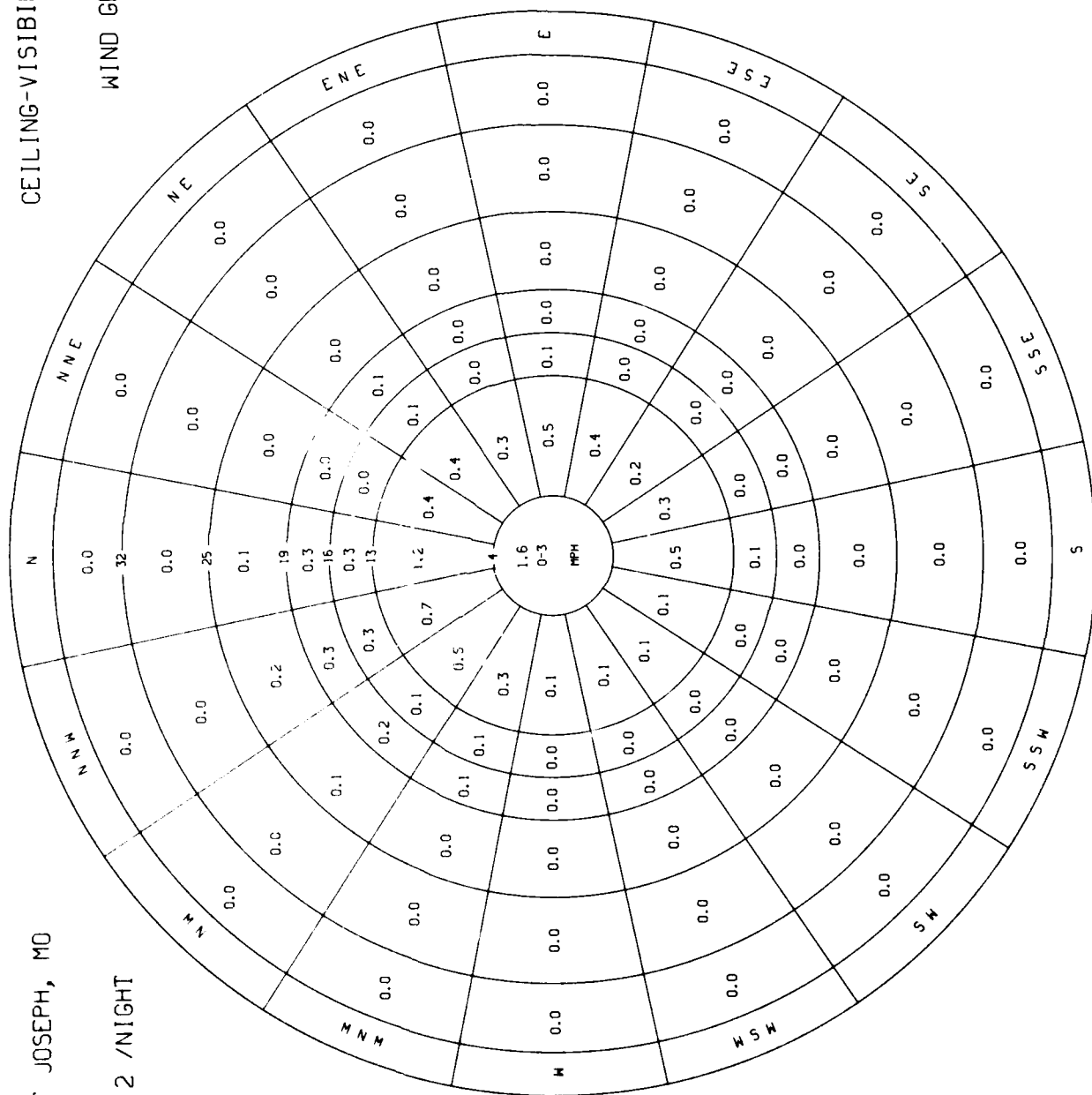
STATION NUMBER: 13993

NO. OBS.: 1701

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.9	8.6	.2	1.8	.3	2.4	.1	1.2	.0	.1	.0	.0	1.6 14.4
NNE	.0	.1	.5	4.2	.1	.6	.0	.4	.0	.0	.0	.0	.0	.0	.6 5.2
NENE	.0	.2	.3	2.4	.1	.5	.0	.4	.0	.1	.0	.0	.0	.0	.4 3.6
ENE	.0	.1	.4	3.3	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.5 4.6
E	.0	.2	.4	3.5	.1	.9	.0	.4	.0	.3	.0	.0	.0	.0	.6 5.3
ESE	.0	.1	.6	5.1	.1	1.4	.1	.5	.0	.1	.0	.0	.0	.0	.8 7.1
SE	.0	.4	.5	4.2	.0	.4	.1	.5	.0	.0	.0	.0	.0	.0	.6 5.5
SSE	.0	.1	.5	4.2	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.6 5.5
S	.1	.6	.7	6.3	.1	.6	.1	.8	.0	.1	.0	.0	.0	.0	.9 8.4
SSW	.0	.1	.1	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2 1.7
SW	.0	.1	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.3
WSW	.0	.1	.1	1.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.2
W	.0	.2	.2	1.7	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.3 2.7
WNW	.0	.3	.2	1.6	.0	.2	.1	.8	.0	.4	.0	.1	.0	.1	.4 3.5
NW	.0	.2	.5	5.0	.1	1.2	.3	2.3	.1	.8	.0	.1	.0	.1	1.1 9.7
NNW	.0	.2	.6	5.3	.2	2.0	.3	2.5	.1	1.2	.0	.3	.0	.0	1.3 11.5
CALM	1.0	8.8													1.0 8.8
TOTAL	1.3	12.0	6.5	59.1	1.3	11.6	1.4	12.3	.5	4.2	.1	.5	.0	.2	11.0 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1965-1974

STATION NAME: ST J ST JOSEPH, MO

CLASS 2 / NIGHT

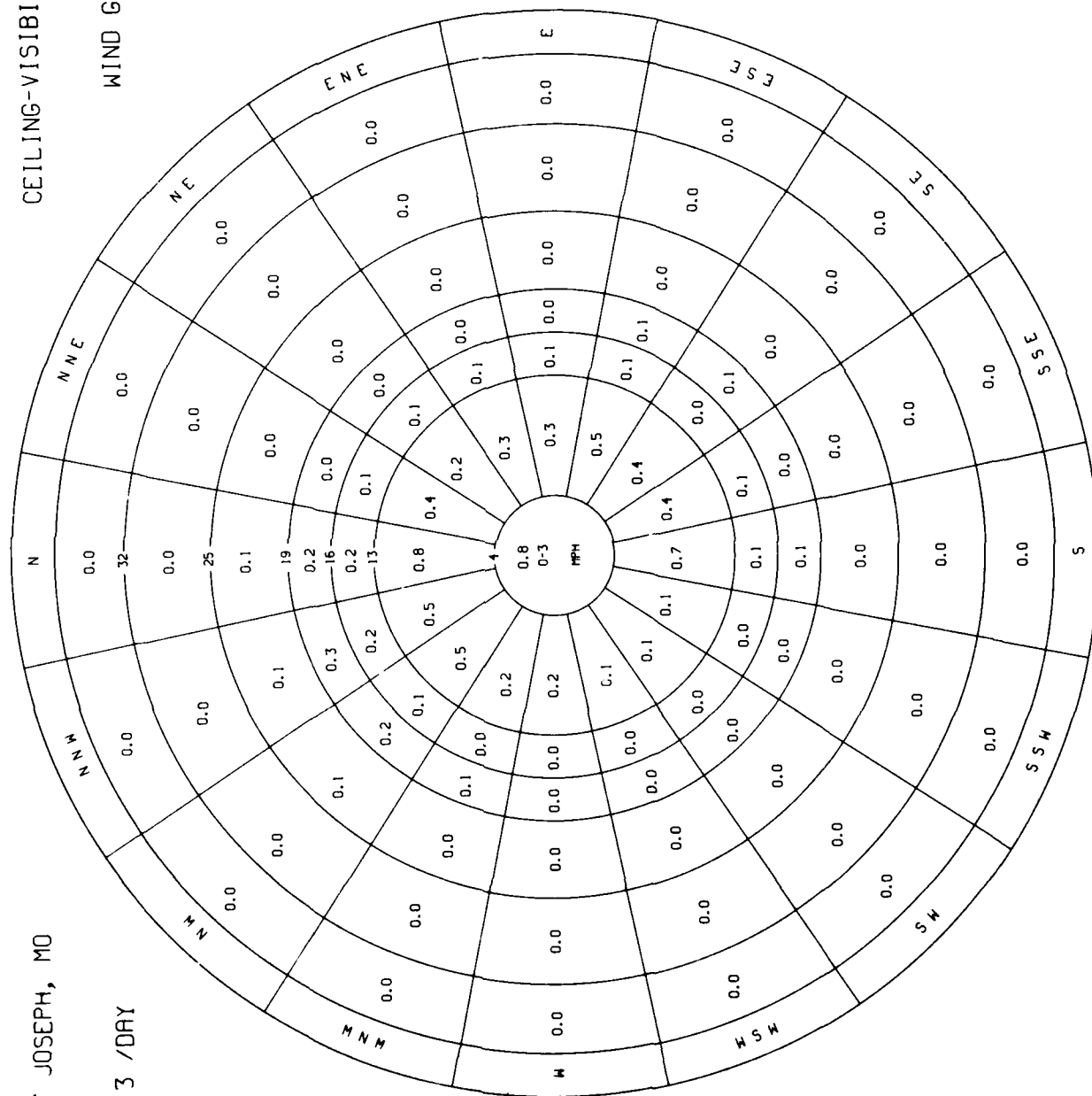
NO. OBS.: 1460

STATION NUMBER: 13993

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.5	1.2	11.2	.3	2.6	.3	3.0	.1	.9	.0	.1	.0	.1	2.0	18.4	11.4
NNE	.0	.0	.4	3.5	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.5	4.2	9.8
NE	.0	.1	.4	3.3	.1	.5	.1	.6	.0	.1	.0	.0	.0	.0	.5	4.6	9.7
ENE	.0	.0	.3	2.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.3	3.2	9.5
E	.0	.1	.5	5.0	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.6	6.1	9.3
ESE	.0	.1	.4	3.6	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.5	4.2	8.8
SE	.0	.1	.2	2.3	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.9	8.9
SSE	.0	.0	.3	3.2	.0	.3	.0	.4	.0	.1	.0	.0	.0	.0	.4	4.0	9.5
S	.1	.5	.5	5.1	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.7	6.8	9.1
SSW	.0	.1	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.3	8.5
SW	.0	.1	.1	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.7	11.6
WSW	.0	.1	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.1	9.6
W	.0	.1	.1	1.2	.0	.3	.0	.4	.0	.3	.0	.0	.0	.0	.2	2.3	10.7
WNW	.0	.2	.3	2.4	.1	.9	.1	1.0	.0	.4	.0	.1	.0	.0	.5	5.0	12.6
NW	.0	.2	.5	4.7	.1	1.2	.2	1.9	.1	1.0	.0	.0	.0	.1	1.0	9.0	12.6
NNW	.0	.3	.7	6.2	.3	2.6	.3	2.9	.2	1.4	.0	.3	.0	.1	1.5	13.8	13.1
CALM	1.3	12.2													1.3	12.2	
TOTAL	1.6	14.6	6.0	56.7	1.2	11.5	1.3	11.8	.5	4.6	.1	.5	.0	.3	10.7	100	9.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 3 / DAY

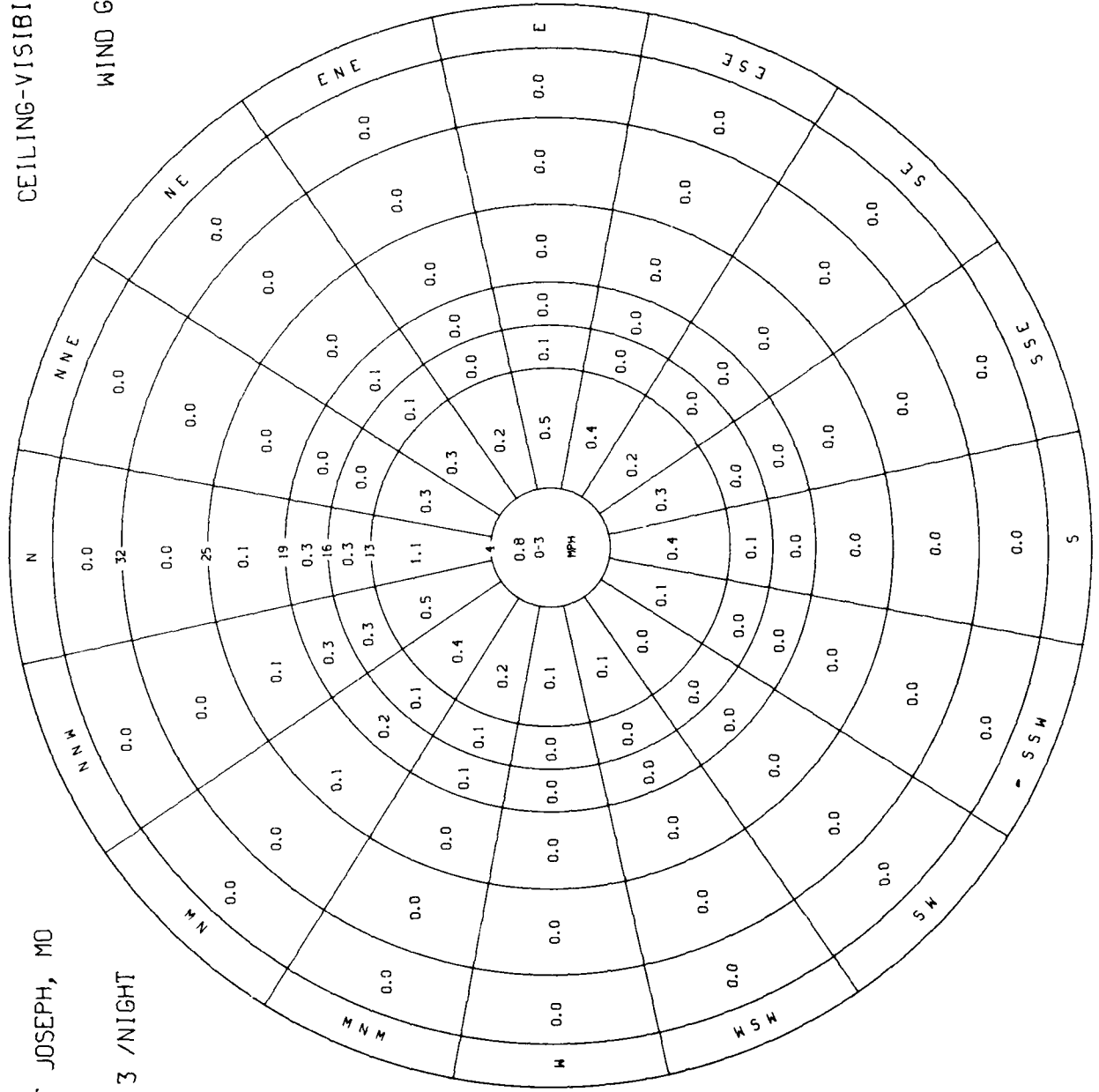
STATION NUMBER: 13993

NO. OBS.: 1482

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.8	8.8	.2	2.0	.2	2.5	.1	1.3	.0	.1	.0	.0	1.4 14.9
NNE	.0	.1	.4	4.4	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.5 5.3
NE	.0	.2	.2	2.6	.1	.5	.0	.5	.0	.1	.0	.0	.0	.0	.4 3.8
ENE	.0	.1	.3	3.2	.1	.8	.0	.5	.0	.1	.0	.0	.0	.0	.4 4.7
E	.0	.2	.3	3.5	.1	1.1	.0	.4	.0	.3	.0	.0	.0	.0	.5 5.5
ESE	.0	.1	.5	5.2	.1	1.5	.1	.5	.0	.1	.0	.0	.0	.0	.7 7.5
SE	.0	.3	.4	4.5	.0	.4	.1	.6	.0	.0	.0	.0	.0	.0	.6 5.8
SSE	.0	.1	.4	4.4	.1	.9	.0	.5	.0	.1	.0	.0	.0	.0	.6 5.9
S	.0	.3	.7	6.8	.1	.7	.1	.9	.0	.1	.0	.0	.0	.0	.8 8.7
SSW	.0	.1	.1	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2 1.8
SW	.0	.1	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
WSW	.0	.1	.1	1.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.2
W	.0	.1	.2	1.8	.0	.5	.0	.4	.0	.1	.0	.0	.0	.0	.3 2.8
WNW	.0	.3	.2	1.8	.0	.3	.1	.9	.0	.2	.0	.0	.0	.1	.3 3.6
NW	.0	.1	.5	5.2	.1	1.3	.2	2.6	.1	.9	.0	.1	.0	.1	1.0 10.4
NNW	.0	.1	.5	5.3	.2	2.2	.3	2.8	.1	1.1	.0	.2	.0	.0	1.1 11.6
CALM	.5	5.3													.5 5.3
TOTAL	.8	7.9	5.8	60.8	1.2	12.8	1.3	13.6	.4	4.4	.0	.4	.0	.2	9.6 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 3 / NIGHT

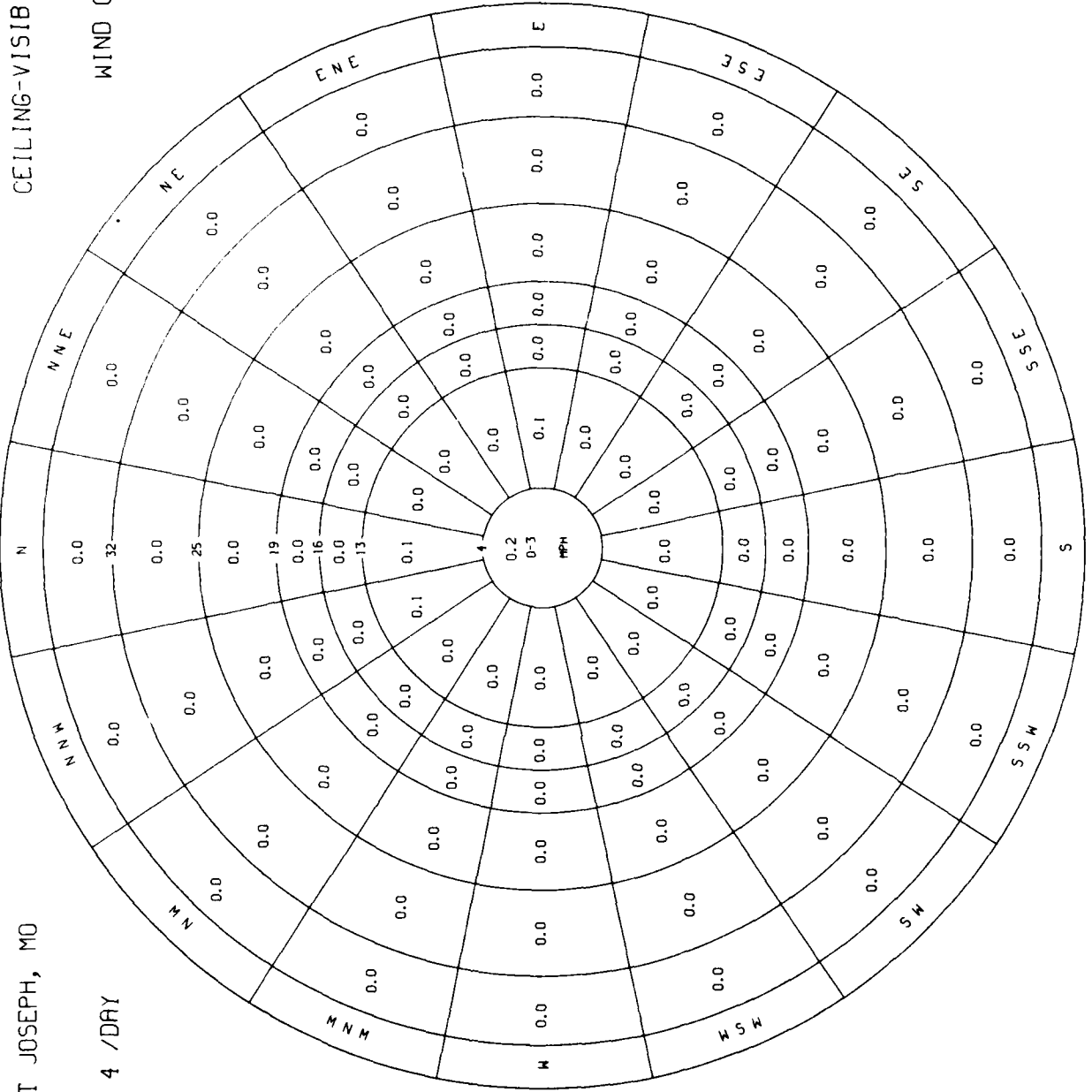
STATION NUMBER: 13993

NO. OBS.: 1208

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.6	1.1	12.2	.3	3.1	.3	3.4	.1	1.1	.0	.1	.0	.1	1.8	20.5	11.6
NNE	.0	.0	.3	3.8	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.6	9.9
NE	.0	.1	.3	3.3	.1	.6	.1	.7	.0	.1	.0	.0	.0	.0	.4	4.7	10.1
ENE	.0	.0	.2	2.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.3	3.1	10.0
E	.0	.0	.5	5.1	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	.6	6.3	9.7
ESE	.0	.1	.4	4.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.8	8.9
SE	.0	.1	.2	2.6	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.4	9.0
SSE	.0	.0	.3	3.1	.0	.2	.0	.5	.0	.1	.0	.0	.0	.0	.4	4.0	9.8
S	.0	.3	.4	4.8	.1	.8	.0	.5	.0	.2	.0	.0	.0	.0	.6	6.6	9.8
SSW	.0	.1	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	8.8
SW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.6	14.0
WSW	.0	.0	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	7.5
W	.0	.0	.1	1.1	.0	.3	.0	.5	.0	.3	.0	.0	.0	.0	.2	2.2	12.2
WNW	.0	.2	.2	2.7	.1	.8	.1	1.1	.0	.5	.0	.2	.0	.0	.5	5.5	12.9
NW	.0	.1	.4	5.0	.1	1.4	.2	2.2	.1	1.2	.0	.0	.0	.1	.9	10.0	13.1
NNW	.0	.2	.5	6.2	.3	3.0	.3	3.5	.1	1.6	.0	.2	.0	.1	1.3	14.8	13.5
CALM	.6	6.9													.6	6.9	
TOTAL	.8	8.6	5.2	58.5	1.2	13.1	1.2	13.7	.5	5.3	.0	.5	.0	.3	8.8	100	10.5

CEILING-VISIBILITY

WIND GRAPH



STJ ST JOSEPH, MO

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 4 / DAY

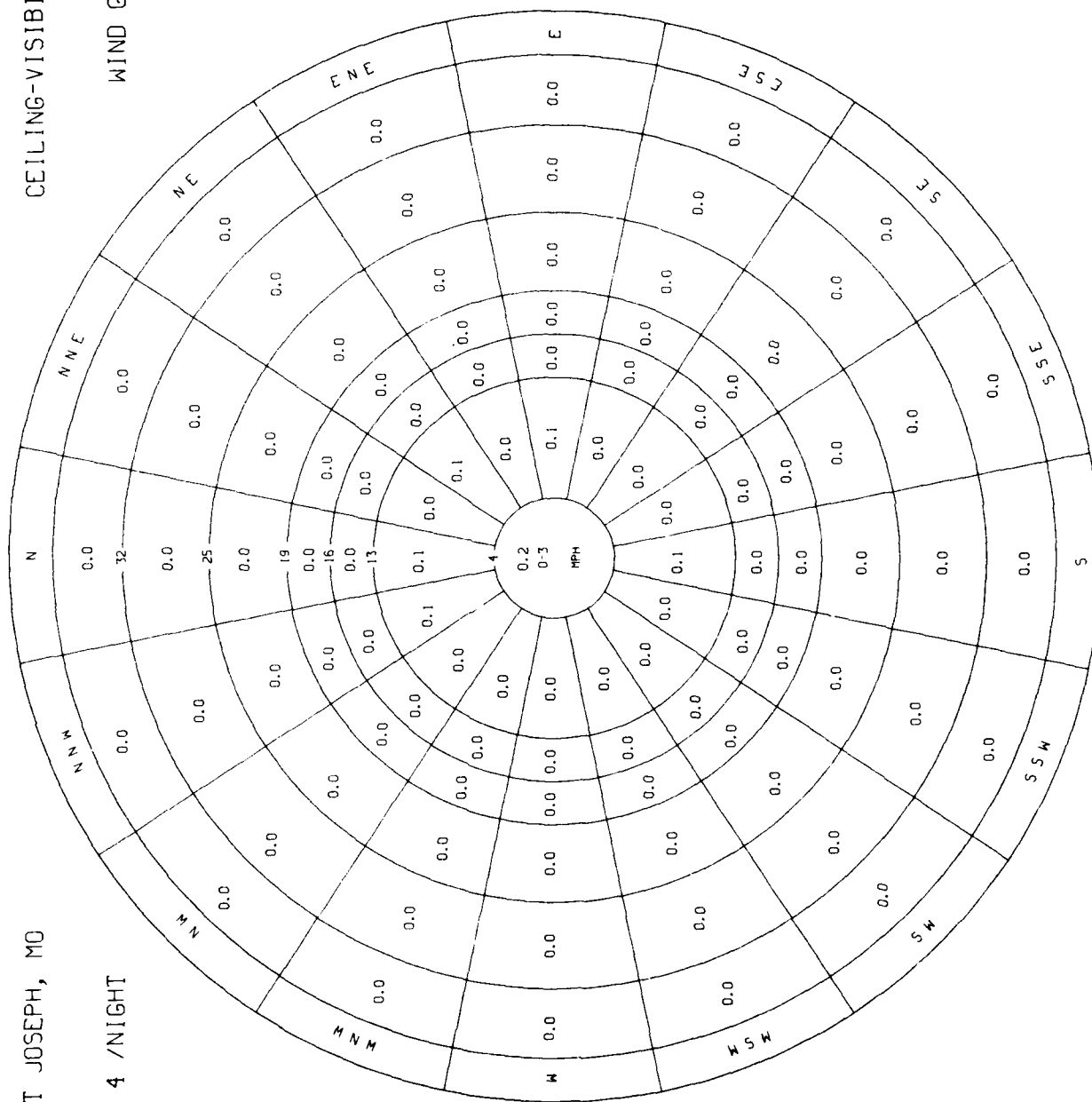
STATION NUMBER: 13993

NO. OBS.: 126

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.6	.1	7.9	.0	1.6	.0	2.4	.0	.8	.0	.0	.0	.0	.1 14.3
NNE	.0	.0	.0	4.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.3
N	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
ENE	.0	.0	.0	4.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
E	.0	.0	.1	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.3
ESE	.0	.0	.0	5.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.3
SE	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SSE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
S	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
W	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
WNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
NW	.0	.8	.0	5.6	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.1 7.9
NNW	.0	.0	.1	7.9	.0	1.6	.0	1.6	.0	2.4	.0	.8	.0	.0	.1 14.3
CALM	.1	14.3													.1 14.3
TOTAL	.2	19.0	.5	61.9	.1	7.1	.0	4.8	.0	5.6	.0	1.6	.0	.0	.8 100
															8.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MD

PERIOD: 1965-1974

CLASS 4 / NIGHT

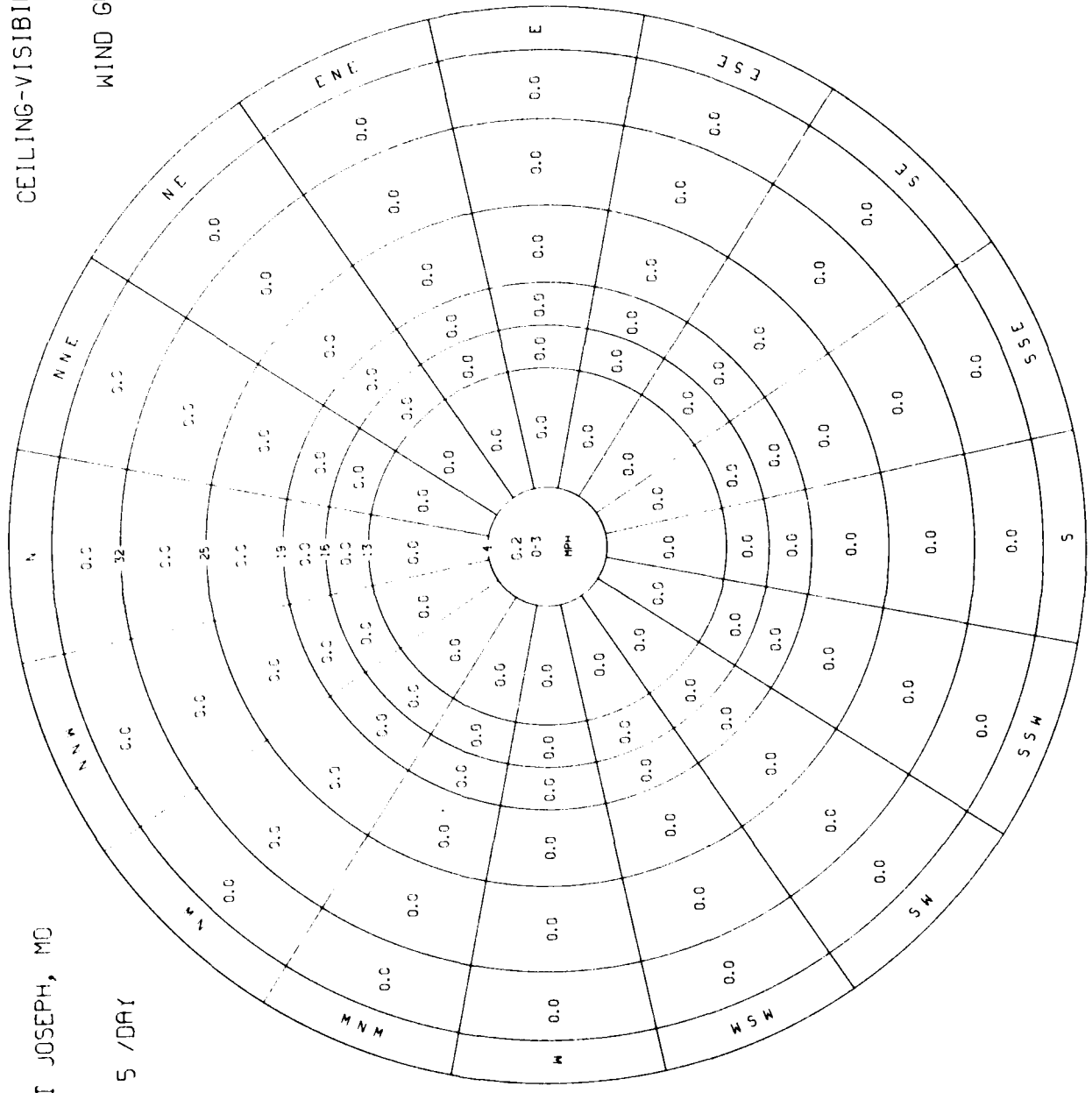
STATION NUMBER: 13993

NO. OBS.: 140

O I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.1	7.1	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.1	9.3	9.9
NNE	.0	.0	.0	2.9	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	4.3	9.8
NE	.0	.0	.1	5.7	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.1	7.1	7.6
ENE	.0	.0	.0	4.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	7.4
E	.0	.0	.1	6.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	8.0
ESE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.0
SE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.0
SSE	.0	.0	.0	3.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	9.7
S	.0	.0	.1	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.0	6.9
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	9.3
SW	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
WSW	.0	.7	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	14.2
W	.0	.7	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.5
WNW	.0	.7	.0	1.4	.0	2.1	.0	.7	.0	.0	.0	.0	.0	.0	.1	5.0	10.1
NW	.0	.7	.0	4.3	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.1	5.7	8.6
NNW	.0	.7	.1	5.7	.0	.7	.0	.7	.0	1.4	.0	.7	.0	.0	.1	10.0	11.7
CALM	.2	17.1													.2	17.1	
TOTAL	.2	21.4	.6	63.6	.1	6.4	.1	5.0	.0	2.1	.0	.7	.0	.7	1.0	100	7.4

CEILING-VISIBILITY

WIND GRAPH



STJ ST JOSEPH, MO

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 5 / DAY

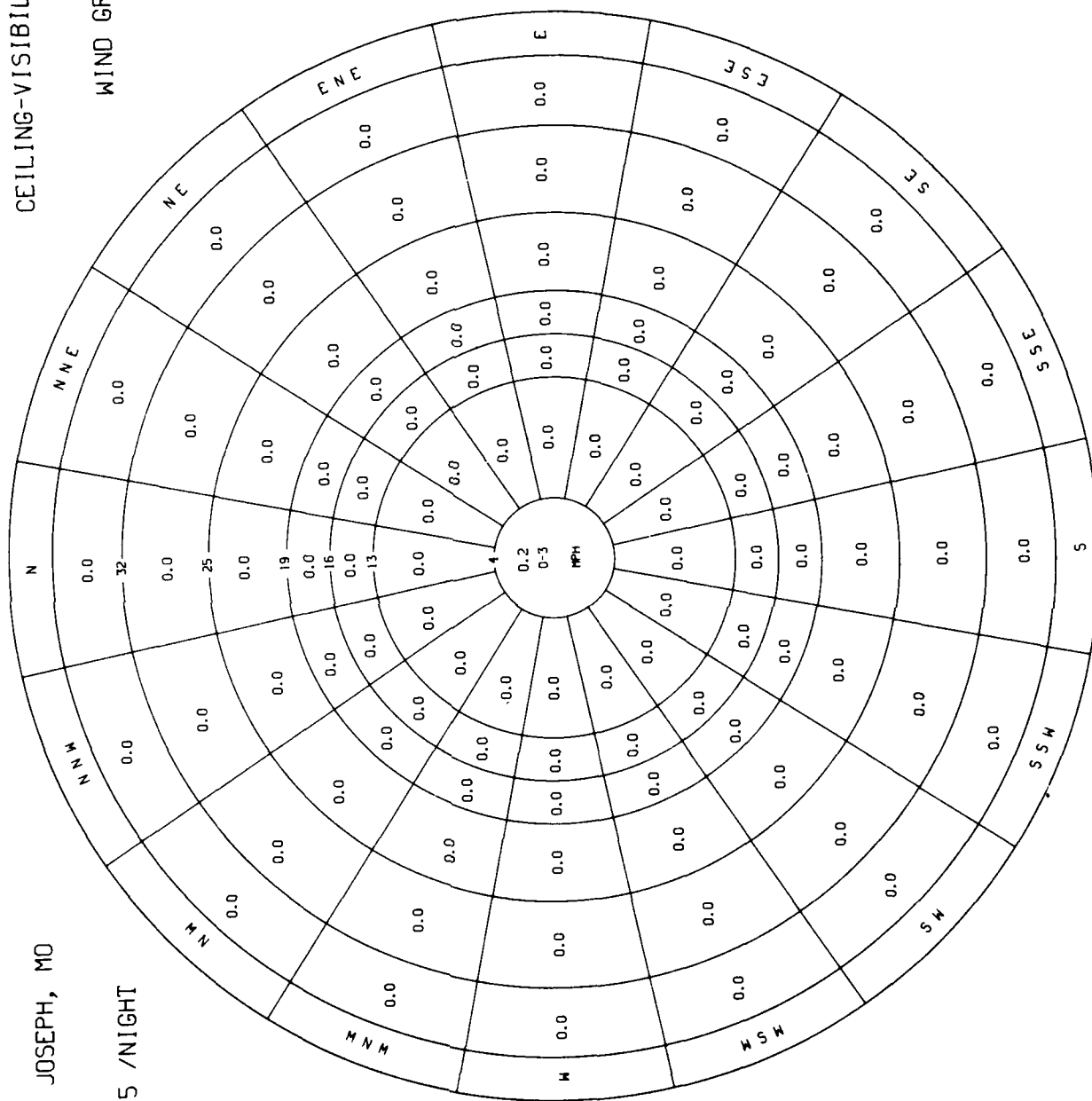
STATION NUMBER: 13993

NO. OBS.: 44

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	6.8	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	9.1
NNE	.0	.0	.0	2.3	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	6.8
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
SSE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
S	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1
SSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
NNW	.0	6.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	11.4
CALM	.1	45.5													45.5
TOTAL	.2	61.4	.1	29.5	.0	.0	.0	6.8	.0	.0	.0	2.3	.0	.0	4.4

WIND GRAPH

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 5 / NIGHT

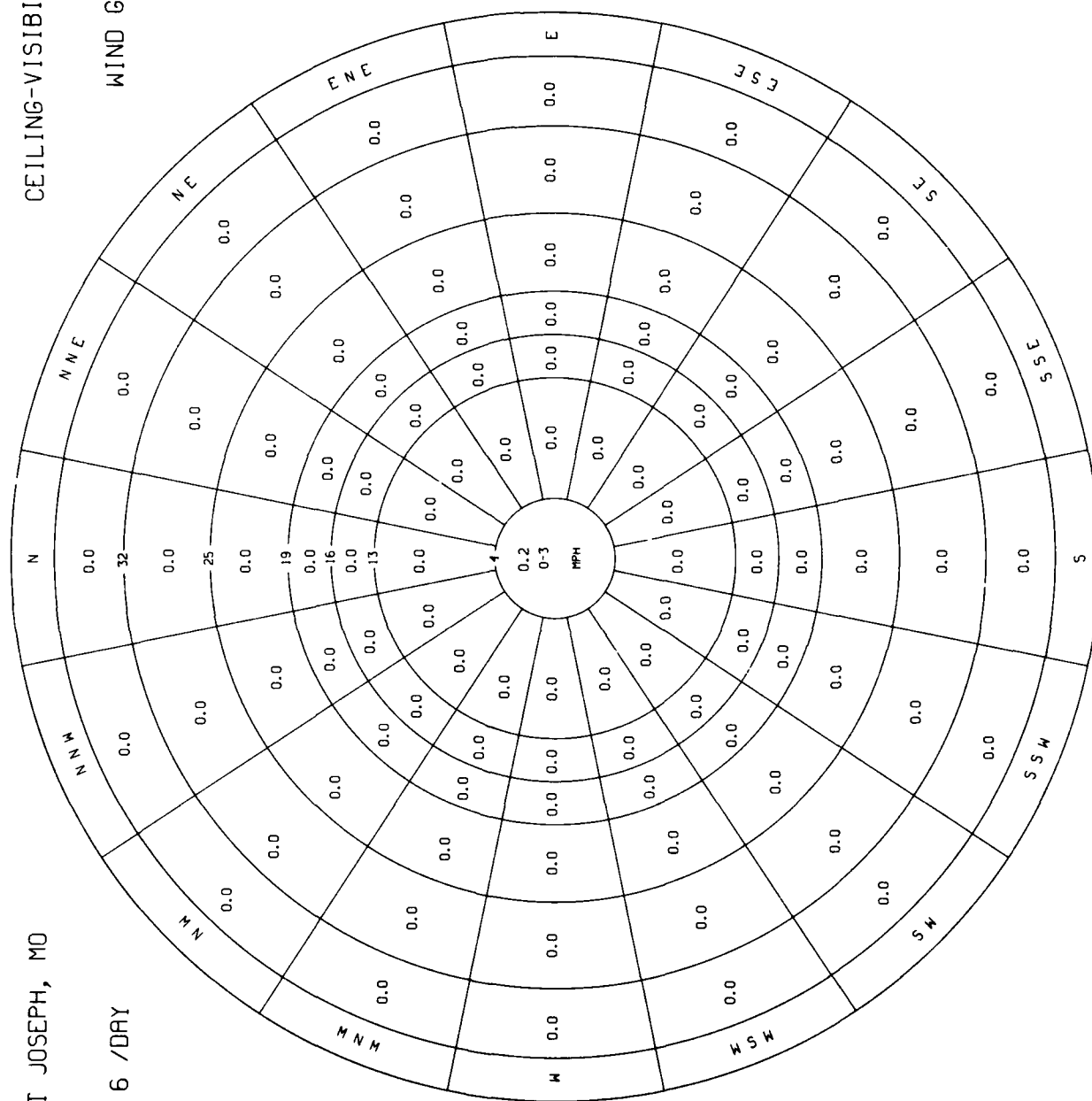
STATION NUMBER: 13993

NO. OBS.: 39

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	2.6	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.7
NNE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.0
E	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
S	.0	5.1	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	4.5
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.5
NW	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.0
NNW	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	5.7
CALM	.2	56.4													.2	56.4	
TOTAL	.2	69.2	.1	30.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	2.3

STJ ST JOSEPH, MO

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ST J ST JOSEPH, MO

PERIOD: 1965-1974

CLASS 6 / DAY

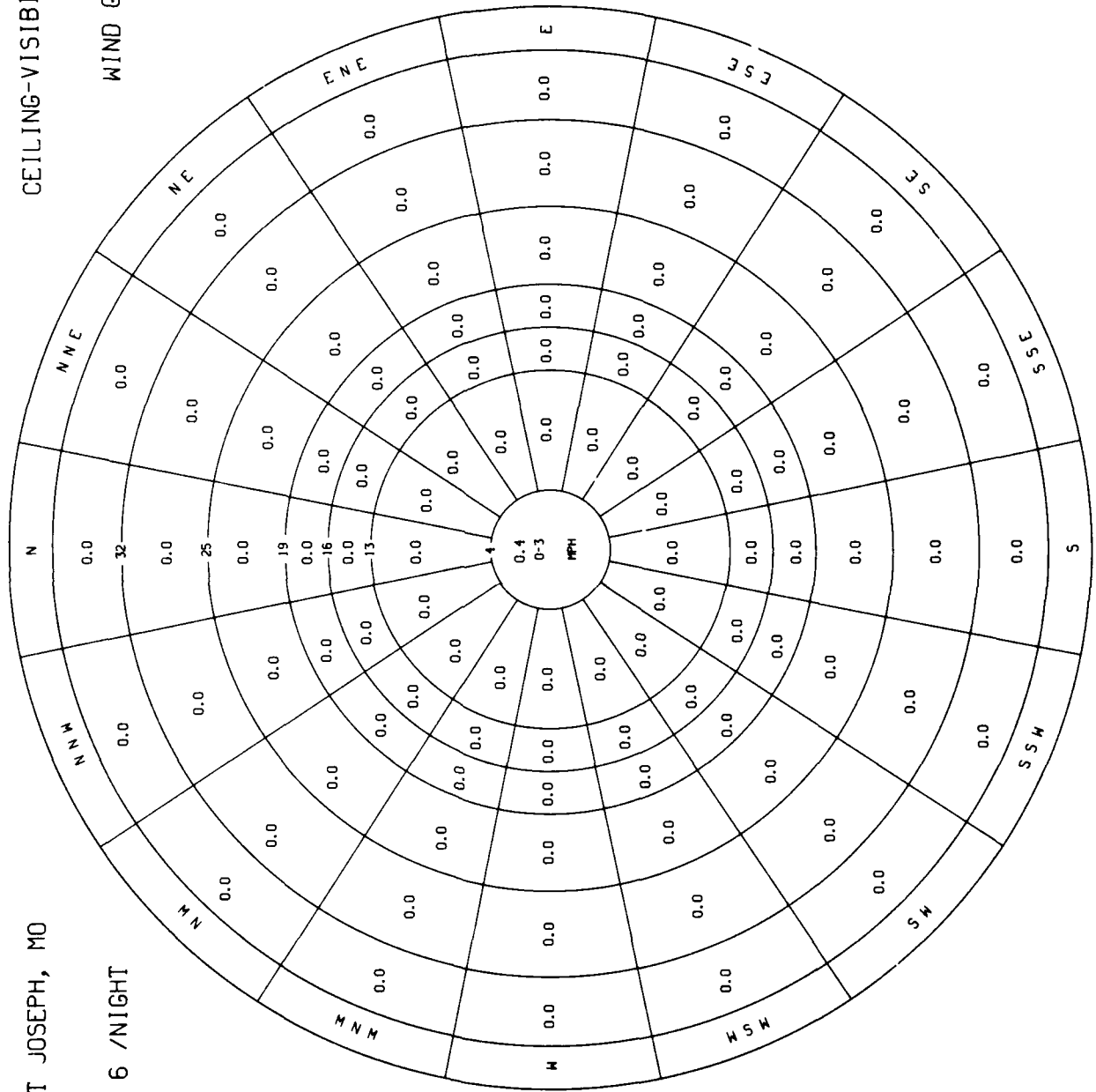
STATION NUMBER: 13993

NO. OBS.: 49

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
SSE	.0	.0	.0	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
S	.0	6.1	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
CALM	.2	67.3													2 67.3
TOTAL	.2	73.5	.1	26.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3 100

STJ ST JOSEPH, MO

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1965-1974

STATION NAME: ST J ST JOSEPH, MO

CLASS 6 / NIGHT

NO. OBS.: 73

STATION NUMBER: 13993

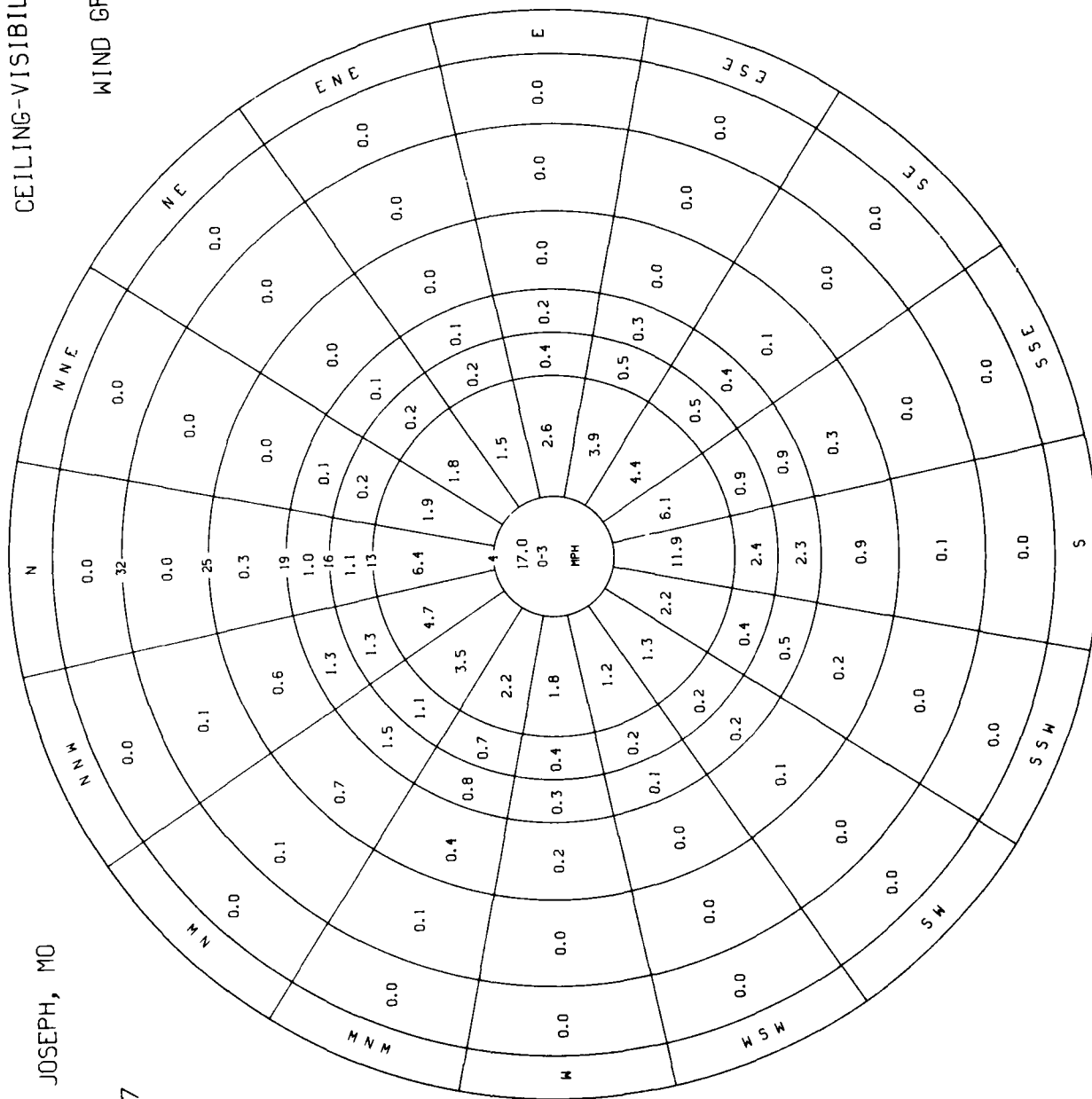
O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
E	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
S	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
SSW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
NNW	.0	.0	.0	5.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	6.8
CALM	.4	67.1													
TOTAL	.4	71.2	.1	27.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	1.9

CEILING-VISIBILITY

WIND GRAPH

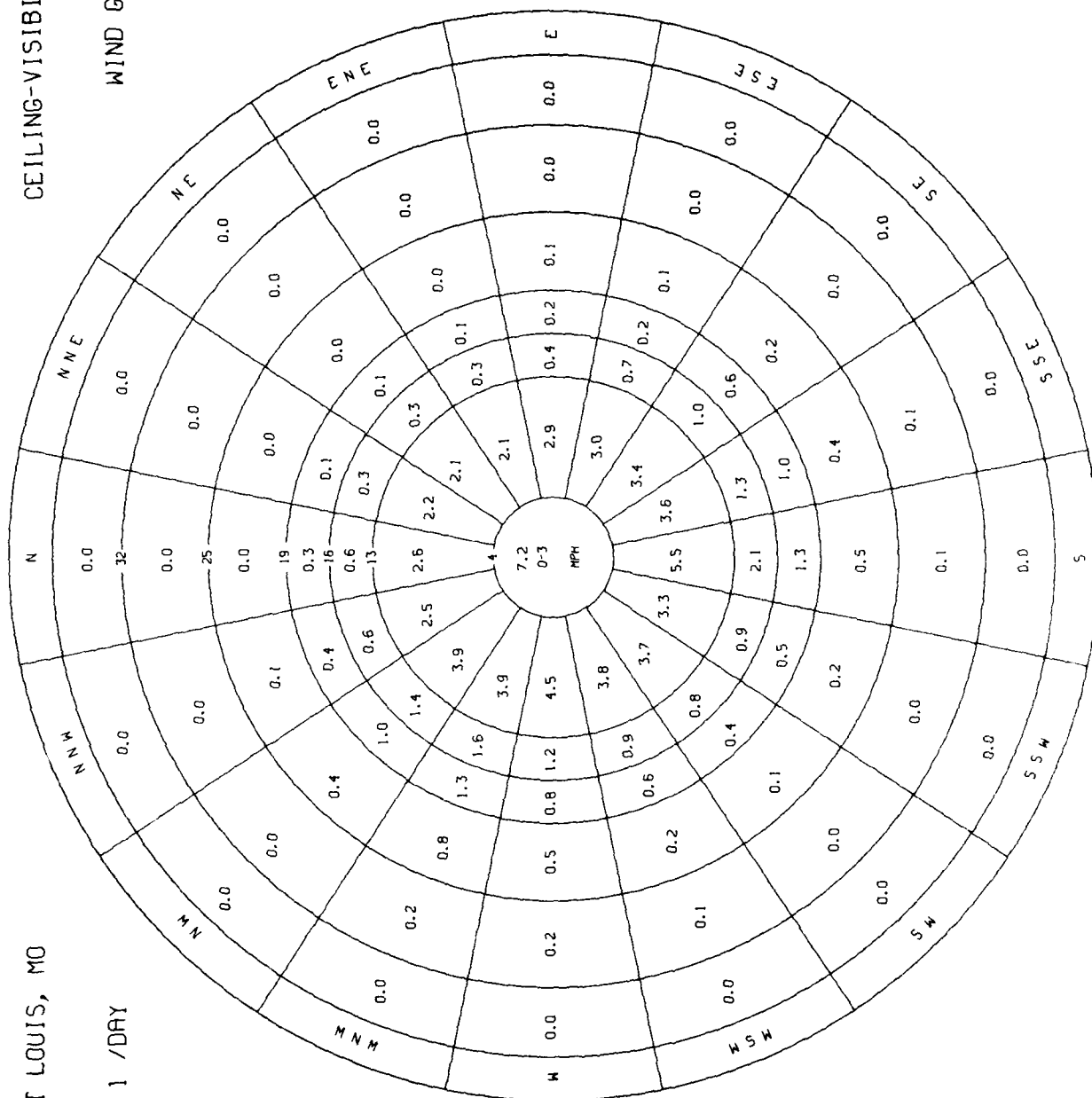
STJ ST JOSEPH, MO

CLASS 7



STL ST LOUIS, MO

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 13994

NO. OBS.: 43154

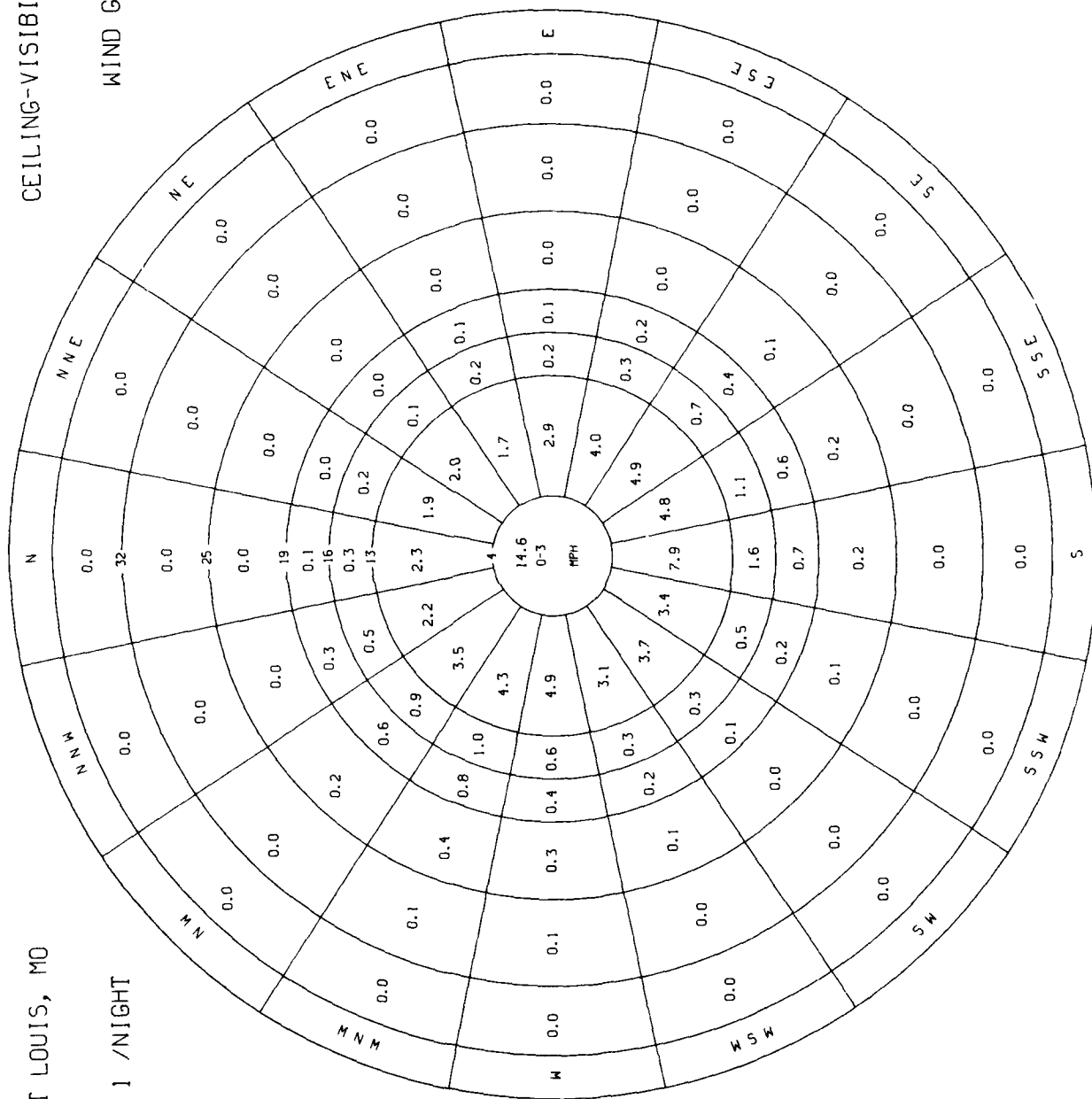
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.4	.5	2.6	3.0	.6	.7	.3	.3	.0	.0	.0	.0	.0	.0	4.0	4.5	9.3
NNE	.2	.3	2.2	2.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.2	8.7
NE	.3	.4	2.1	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.2	8.2
ENE	.2	.3	2.1	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	3.1	8.7
E	.3	.3	2.9	3.3	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.9	4.4	9.1
ESE	.3	.3	3.0	3.4	.7	.7	.2	.3	.1	.1	.0	.0	.0	.0	4.2	4.8	9.3
SE	.3	.4	3.4	3.9	1.0	1.2	.6	.6	.2	.3	.0	.0	.0	.0	5.6	6.4	10.7
SSE	.2	.3	3.6	4.1	1.3	1.5	1.0	1.1	.4	.4	.1	.1	.0	.0	6.6	7.5	11.8
S	.4	.4	5.5	6.3	2.1	2.3	1.3	1.5	.5	.5	.1	.1	.0	.0	9.8	11.2	11.6
SSW	.2	.2	3.3	3.8	.9	1.1	.5	.6	.2	.2	.0	.0	.0	.0	5.1	5.8	10.6
SW	.3	.4	3.7	4.2	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	5.4	6.2	10.0
WSW	.3	.3	3.8	4.3	.9	1.1	.6	.7	.2	.2	.1	.1	.0	.0	5.8	6.6	10.6
W	.5	.6	4.5	5.1	1.2	1.4	.8	1.0	.5	.6	.2	.2	.0	.0	7.7	8.8	11.1
WNW	.3	.3	3.9	4.4	1.6	1.8	1.3	1.5	.8	.9	.2	.2	.0	.0	8.1	9.2	12.6
NW	.4	.4	3.9	4.4	1.4	1.6	1.0	1.2	.4	.4	.0	.0	.0	.0	7.1	8.1	11.2
NNW	.3	.3	2.5	2.9	.6	.7	.4	.4	.1	.1	.0	.0	.0	.0	3.9	4.4	10.0
CALM	2.2	2.5													2.2	2.5	
TOTAL	7.2	8.2	53.0	60.3	14.5	16.5	8.9	10.1	3.5	4.0	.7	.8	.1	.1	87.9	100	10.4

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: STL ST LOUIS, MO

CLASS 1 / NIGHT

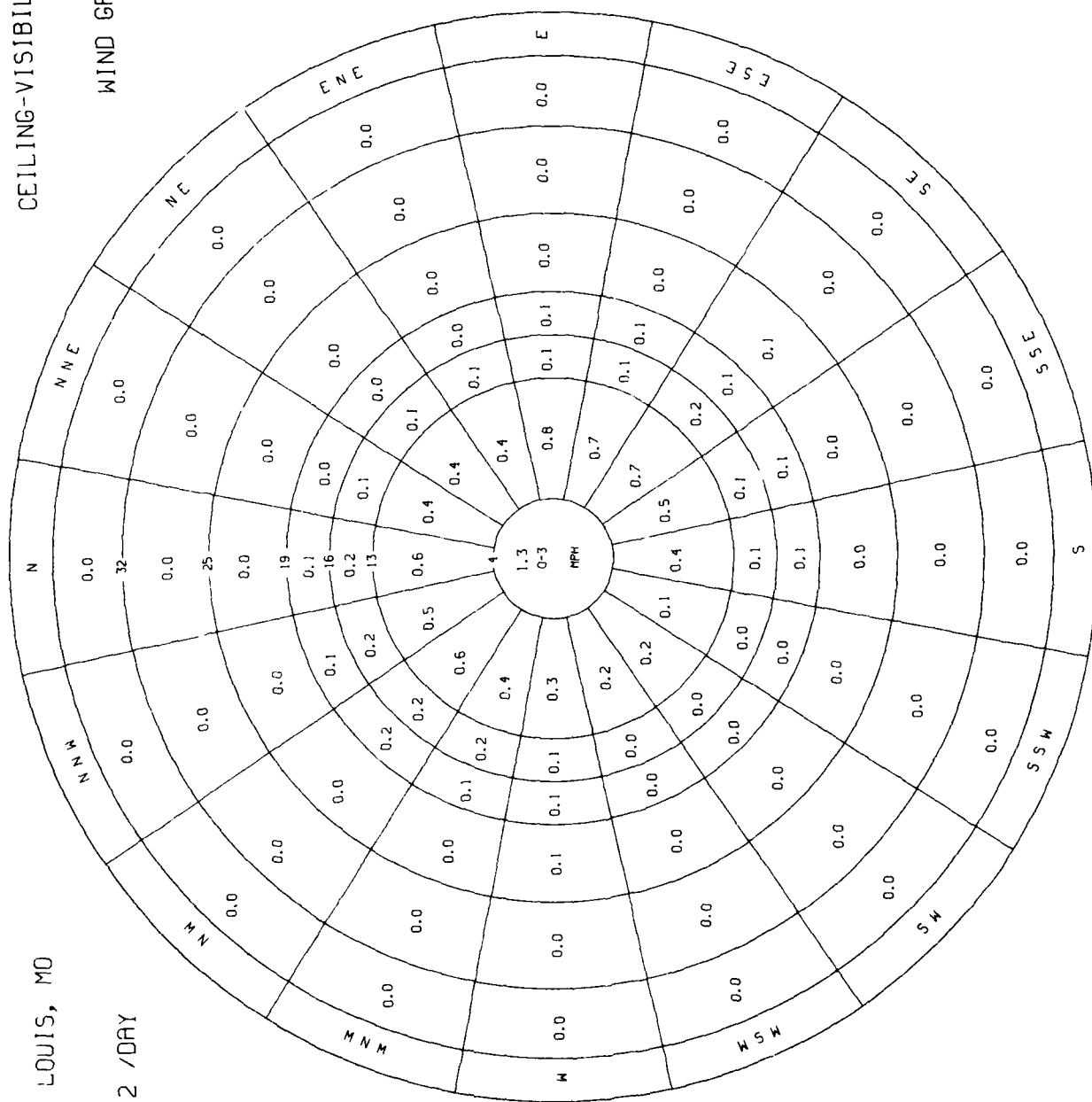
NO. OBS.: 36452

STATION NUMBER: 13994

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.4	.5	2.3	2.6	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.6	8.3
NNE	.4	.4	1.9	2.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.9	7.1
NE	.5	.6	2.0	2.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.1	6.9
ENE	.3	.4	1.7	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.7	7.7
E	.5	.6	2.9	3.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.8	4.3	7.7
ESE	.7	.7	4.0	4.5	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	5.1	5.8	7.6
SE	.9	1.0	4.9	5.6	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	7.0	8.0	8.5
SSE	.4	.5	4.8	5.5	1.1	1.3	.6	.7	.2	.2	.0	.0	.0	.0	7.1	8.1	10.1
S	.7	.7	7.9	9.0	1.6	1.9	.7	.9	.2	.2	.0	.0	.0	.0	11.1	12.7	9.7
SSW	.4	.4	3.4	3.8	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	4.4	5.0	8.8
SW	.5	.6	3.7	4.2	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.3	8.3
WSW	.4	.5	3.1	3.5	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.1	4.7	8.5
W	.9	1.0	4.9	5.6	.6	.7	.4	.5	.3	.3	.1	.1	.0	.0	7.1	8.1	8.7
WNW	.5	.5	4.3	4.9	1.0	1.2	.8	.9	.4	.5	.1	.1	.0	.0	7.1	8.1	10.6
NW	.5	.5	3.5	4.0	.9	1.0	.6	.7	.2	.3	.0	.0	.0	.0	5.8	6.6	10.2
NNW	.2	.3	2.2	2.5	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	3.3	3.7	9.5
CALM	6.4	7.3													6.4	7.3	
TOTAL	14.6	16.6	57.5	65.5	9.0	10.2	4.7	5.4	1.7	1.9	.3	.4	.0	.0	87.8	100	8.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 2 / DAY

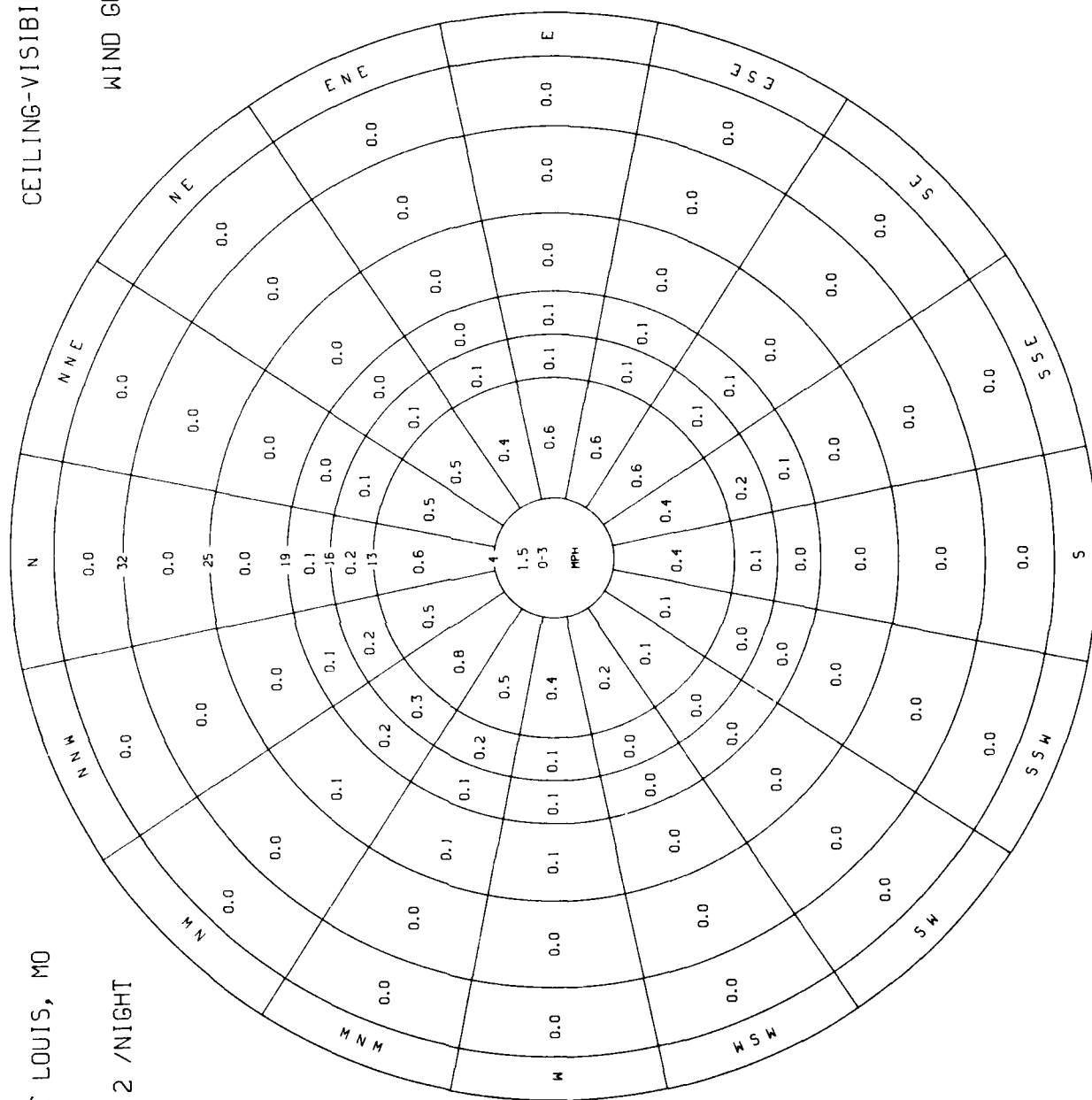
STATION NUMBER: 13994

NO. OBS.: 5918

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.4	.6	5.1	.2	1.5	.1	.9	.0	.2	.0	.0	.0	.0	1.0	8.1	10.4
NNE	.0	.4	.4	3.5	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.6	5.3	9.8
NE	.1	.5	.4	3.4	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.6	4.9	8.8
ENE	.0	.4	.4	3.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.6	4.6	9.2
E	.1	.7	.8	6.2	.1	.7	.1	.6	.0	.0	.0	.1	.0	.0	1.0	8.3	8.9
ESE	.1	1.0	.7	6.0	.1	1.2	.1	.5	.0	.2	.0	.1	.0	.0	1.1	9.1	9.3
SE	.1	.8	.7	5.8	.2	1.3	.1	.9	.1	.6	.0	.1	.0	.0	1.1	9.3	10.4
SSE	.0	.4	.5	3.9	.1	.9	.1	.8	.0	.4	.0	.1	.0	.0	.8	6.5	11.1
S	.1	.5	.4	3.2	.1	.7	.1	.6	.0	.2	.0	.0	.0	.0	.6	5.3	10.0
SSW	.0	.3	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	8.0
SW	.0	.3	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.1
WSW	.0	.2	.2	1.7	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.3	2.6	9.9
W	.1	.5	.3	2.8	.1	.8	.1	.7	.1	.5	.0	.1	.0	.0	.6	5.3	11.0
WNW	.0	.3	.4	3.7	.2	1.9	.1	1.1	.0	.4	.0	.2	.0	.0	.9	7.6	12.0
NW	.1	.5	.6	5.1	.2	1.8	.2	1.3	.0	.4	.0	.0	.0	.0	1.1	9.1	11.2
NNW	.0	.3	.5	4.4	.2	1.3	.1	.6	.0	.2	.0	.1	.0	.0	.8	6.9	10.8
CALM	.5	3.8													.5	3.8	
TOTAL	1.3	11.2	7.3	60.6	1.8	15.0	1.1	9.1	.4	3.4	.1	.7	.0	.0	12.1	100	9.8

STL ST LOUIS, MO

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 13994

NO. OBS.: 5045

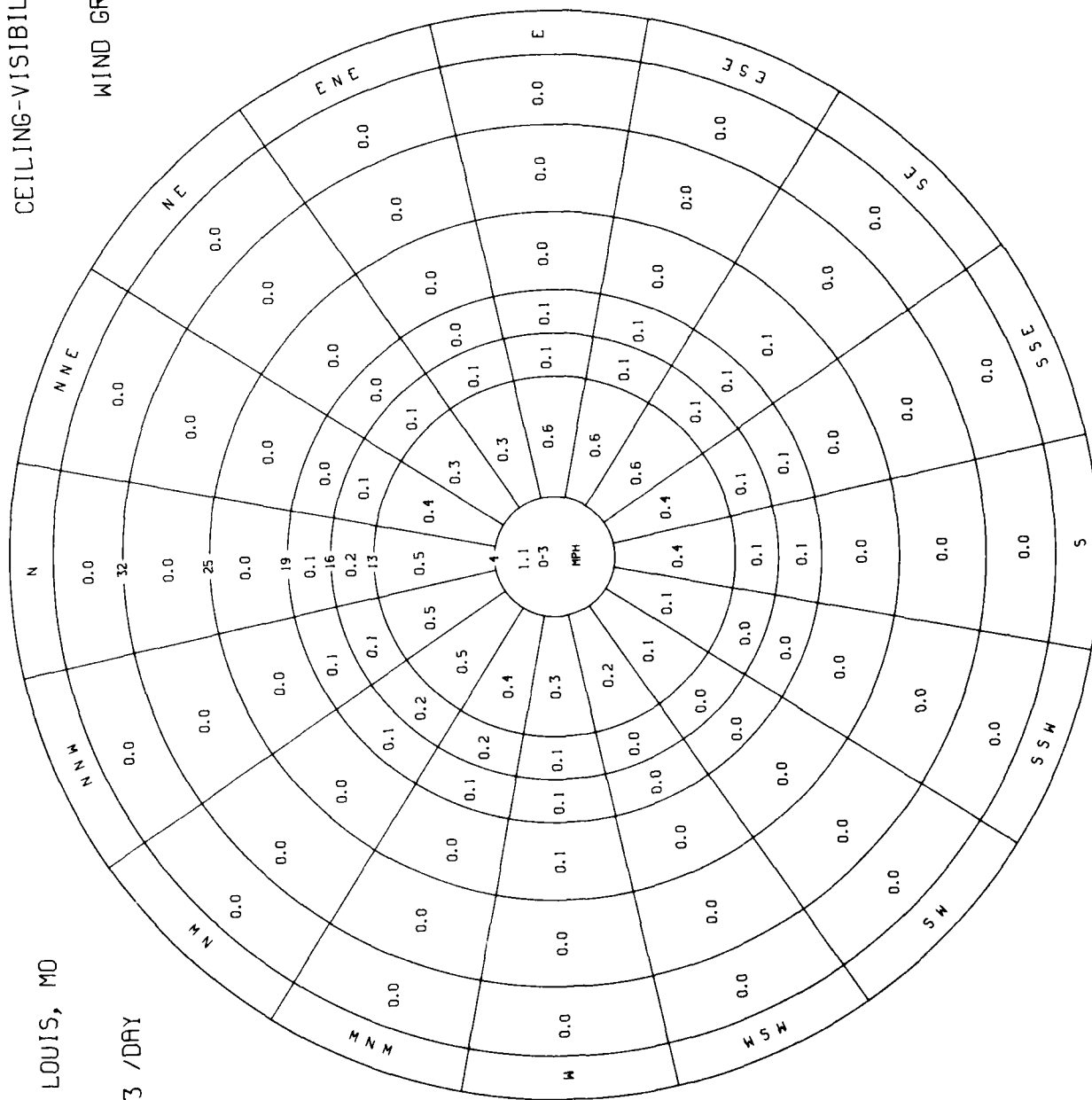
O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.6	4.9	.2	1.5	.1	1.0	.0	.2	.0	.0	.0	.0	1.0 7.9
NNE	.0	.3	.5	3.9	.1	.4	.0	.3	.0	.1	.0	.0	.0	.0	.6 5.1
NE	.1	.6	.5	3.8	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.6 5.0
ENE	.1	.5	.4	3.1	.1	.4	.0	.3	.0	.1	.0	.0	.0	.0	.5 4.4
E	.1	.7	.6	5.1	.1	1.0	.1	.6	.0	.2	.0	.0	.0	.0	.9 7.6
ESE	.1	.9	.6	5.1	.1	.8	.1	.4	.0	.1	.0	.0	.0	.0	.9 7.4
SSE	.2	1.4	.6	4.7	.1	1.2	.1	.5	.0	.4	.0	.0	.0	.0	1.0 8.2
SSE	.0	.3	.4	3.4	.2	1.2	.1	1.1	.0	.3	.0	.0	.0	.0	.8 6.4
S	.1	.6	.4	3.1	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.6 4.9
SSW	.0	.2	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.1
SW	.0	.2	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.4
WSW	.0	.2	.2	1.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3 2.1
W	.0	.4	.4	3.2	.1	1.0	.1	.7	.1	.5	.0	.2	.0	.1	.7 6.1
WNW	.1	.4	.5	4.5	.2	1.9	.1	1.2	.1	.7	.0	.1	.0	.0	1.1 8.8
NW	.1	.4	.8	6.2	.3	2.6	.2	1.3	.1	.8	.0	.1	.0	.0	1.4 11.4
NNW	.0	.4	.5	4.4	.2	1.8	.1	1.0	.0	.2	.0	.0	.0	.0	1.0 7.8
CALM	.5	4.4													.5 4.4
TOTAL	1.5	12.4	7.1	58.4	1.9	15.5	1.1	9.4	.4	3.6	.1	.6	.0	.2	12.2 100
															9.8

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: STL ST LOUIS, MO

CLASS 3 / DAY

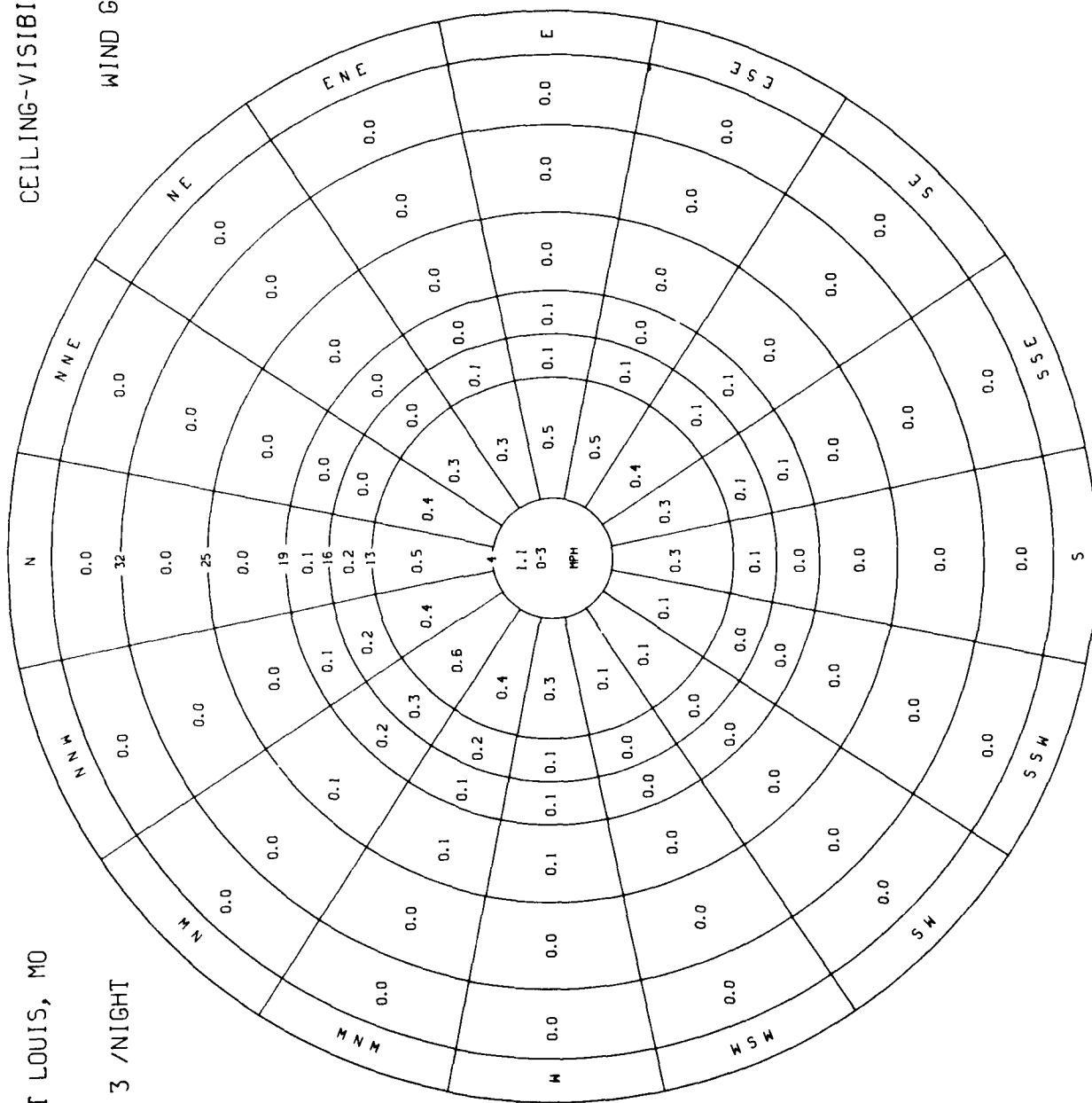
NO. OBS.: 5132

STATION NUMBER: 13994

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.5	5.2	.2	1.5	.1	.9	.0	.2	.0	.0	.0	.0	.9 8.2 10.4
NNE	.0	.4	.4	3.6	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.6 5.5 9.8
NE	.0	.4	.3	3.2	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.5 4.7 9.0
ENE	.0	.3	.3	3.1	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.5 4.5 9.2
E	.1	.5	.6	5.7	.1	.7	.1	.6	.0	.0	.0	.0	.0	.0	.8 7.6 9.0
ESE	.1	1.1	.6	5.7	.1	1.1	.1	.5	.0	.3	.0	.1	.0	.0	.9 8.8 9.4
SE	.1	.6	.6	5.8	.1	1.3	.1	.9	.1	.7	.0	.1	.0	.0	1.0 9.4 10.6
SSE	.0	.4	.4	4.1	.1	1.0	.1	.9	.0	.4	.0	.1	.0	.0	.7 6.8 11.2
S	.1	.5	.4	3.4	.1	.8	.1	.6	.0	.2	.0	.0	.0	.0	.6 5.6 10.2
SSW	.0	.3	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.7 7.9
SW	.0	.3	.1	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.9 8.2
WSW	.0	.2	.2	1.7	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.3 2.7 9.8
W	.1	.5	.3	2.8	.1	.9	.1	.7	.1	.5	.0	.1	.0	.0	.6 5.4 11.3
WNW	.0	.2	.4	3.6	.2	2.0	.1	1.2	.0	.4	.0	.2	.0	.0	.8 7.7 12.5
NW	.0	.4	.5	5.0	.2	2.0	.1	1.3	.0	.4	.0	.0	.0	.0	1.0 9.2 11.4
NNW	.0	.3	.5	4.4	.1	1.3	.1	.6	.0	.1	.0	.1	.0	.0	.7 6.8 10.8
CALM	.4	3.7													.4 3.7
TOTAL	1.1	10.4	6.3	60.0	1.6	15.6	1.0	9.5	.4	3.7	.1	.7	.0	.0	10.5 100 9.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 13994

NO. OBS.: 4138

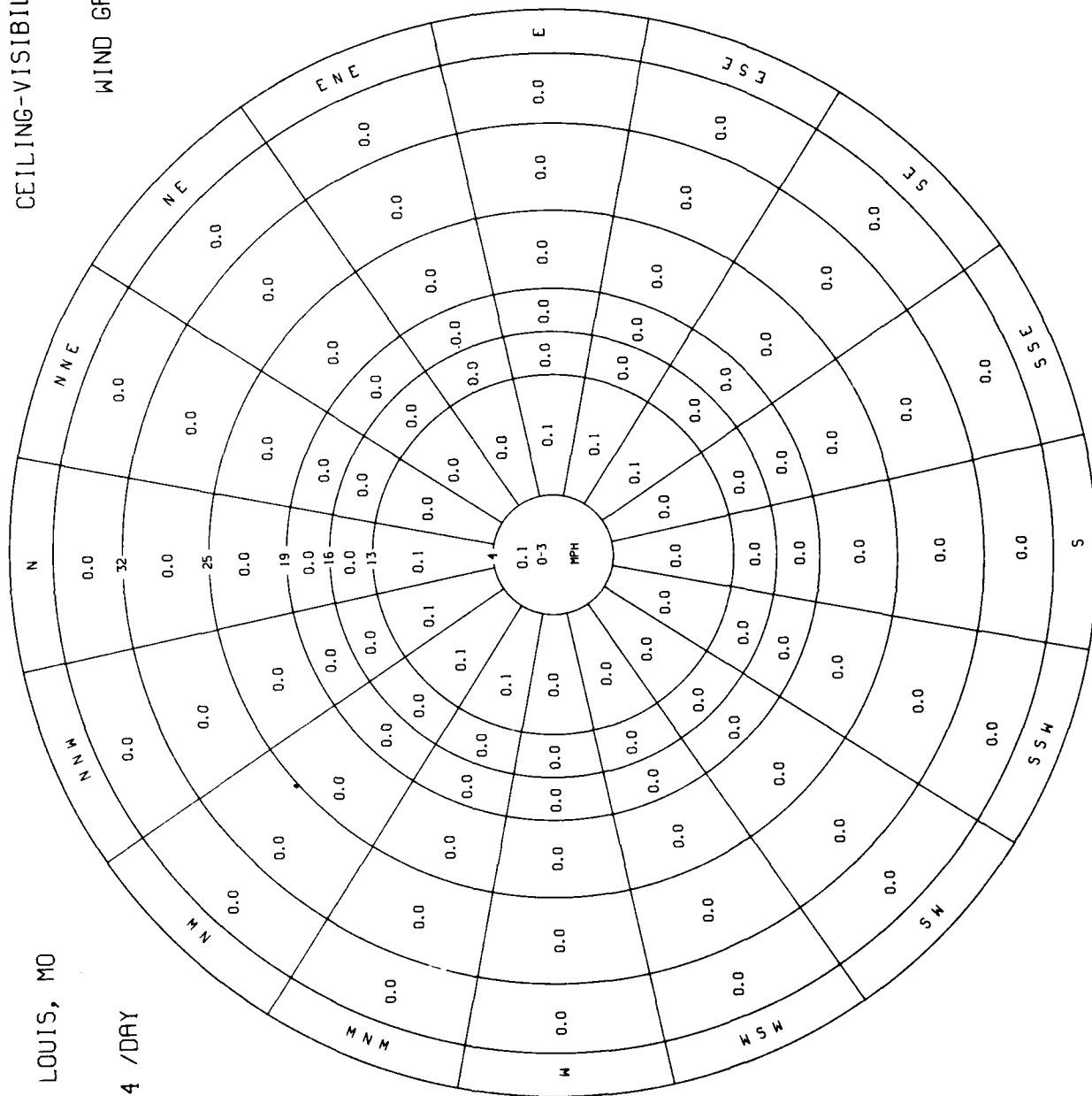
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.5	4.9	.2	1.6	.1	1.0	.0	.1	.0	.0	.0	.0	.8 7.9
NNE	.0	.3	.4	4.1	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.5 5.3
NNE	.1	.5	.3	3.4	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.5 4.7
ENE	.0	.4	.3	3.1	.1	.5	.0	.4	.0	.1	.0	.0	.0	.0	.4 4.4
E	.1	.6	.5	4.6	.1	.9	.1	.7	.0	.2	.0	.0	.0	.0	.7 7.1
ESE	.1	.9	.5	4.7	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.7 6.8
SE	.1	1.4	.4	4.4	.1	1.2	.1	.6	.0	.4	.0	.0	.0	.0	.8 8.2
SSE	.0	.4	.3	3.3	.1	1.4	.1	1.4	.0	.4	.0	.0	.0	.0	.7 7.0
S	.1	.6	.3	3.0	.1	.7	.0	.4	.0	.1	.0	.1	.0	.0	.5 5.0
SSW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.1
SW	.0	.2	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
WSW	.0	.2	.1	1.3	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.2 2.2
W	.0	.3	.3	3.4	.1	1.1	.1	.8	.1	.6	.0	.2	.0	.1	.6 6.4
WNW	.0	.4	.4	4.4	.2	2.1	.1	1.4	.1	.8	.0	.1	.0	.0	.9 9.2
NW	.0	.3	.6	5.9	.3	2.8	.2	1.5	.1	.8	.0	.1	.0	.0	1.1 11.5
NNW	.0	.4	.4	4.3	.2	2.0	.1	1.2	.0	.2	.0	.0	.0	.0	.8 8.1
CALM	.4	3.7													.4 3.7
TOTAL	1.1	11.0	5.7	56.8	1.7	16.6	1.0	10.5	.4	4.1	.1	.7	.0	.2	10.0 100

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 13994

NO. OBS.: 586

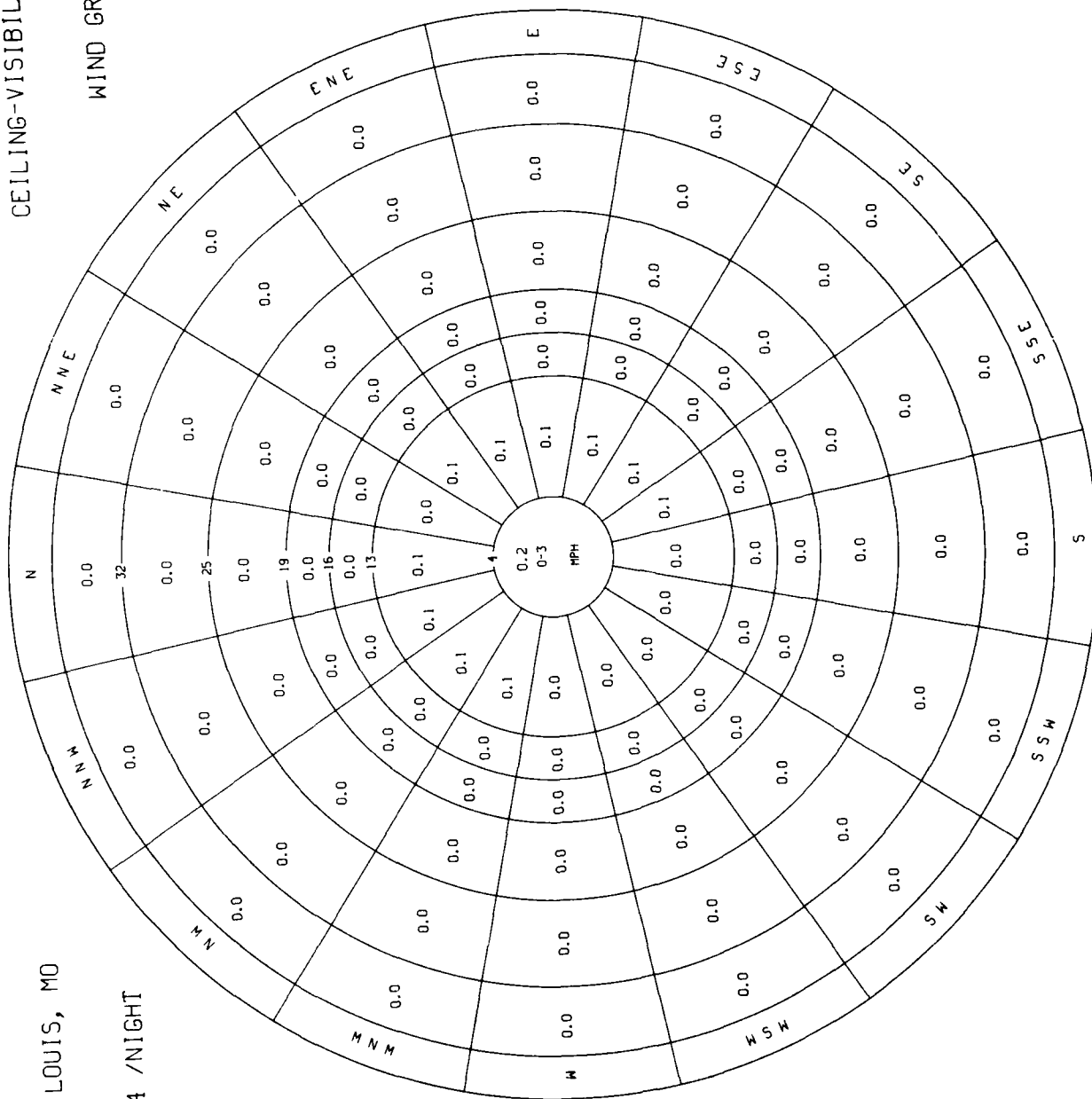
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.1	5.5	.0	1.5	.0	.9	.0	.3	.0	.0	.0	.0	.1	8.5	10.6
NNE	.0	.0	.0	3.4	.0	.5	.0	.3	.0	.3	.0	.0	.0	.0	.1	4.6	10.1
NE	.0	1.2	.0	4.1	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.1	6.1	8.1
ENE	.0	.7	.0	3.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	5.1	8.5
E	.0	1.4	.1	9.6	.0	1.2	.0	.3	.0	.0	.0	.2	.0	.0	.2	12.6	8.4
ESE	.0	.7	.1	8.0	.0	2.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	11.1	9.1
SE	.0	1.7	.1	6.0	.0	.9	.0	.7	.0	.0	.0	.0	.0	.2	.1	9.4	9.3
SSE	.0	.2	.0	2.4	.0	.7	.0	.3	.0	.2	.0	.0	.0	.0	.0	3.8	11.3
S	.0	.2	.0	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.0
SSW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
SW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.3
WSW	.0	.0	.0	.9	.0	.2	.0	.2	.0	.5	.0	.0	.0	.0	.0	1.7	13.6
W	.0	.2	.0	2.2	.0	.5	.0	1.2	.0	.2	.0	.0	.0	.0	.1	4.3	11.6
WNW	.0	.9	.1	4.8	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	7.2	9.0
NW	.0	.7	.1	5.6	.0	1.0	.0	1.7	.0	.2	.0	.0	.0	.0	.1	9.2	10.5
NNW	.0	.2	.1	4.9	.0	.5	.0	1.0	.0	.3	.0	.0	.0	.0	.1	8.0	11.1
CALM	.0	3.8													.0	3.8	
TOTAL	.1	12.1	.8	65.4	.1	11.9	.1	8.2	.0	2.0	.0	.2	.0	.2	1.2	100	9.2

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 13994

NO. OBS.: 599

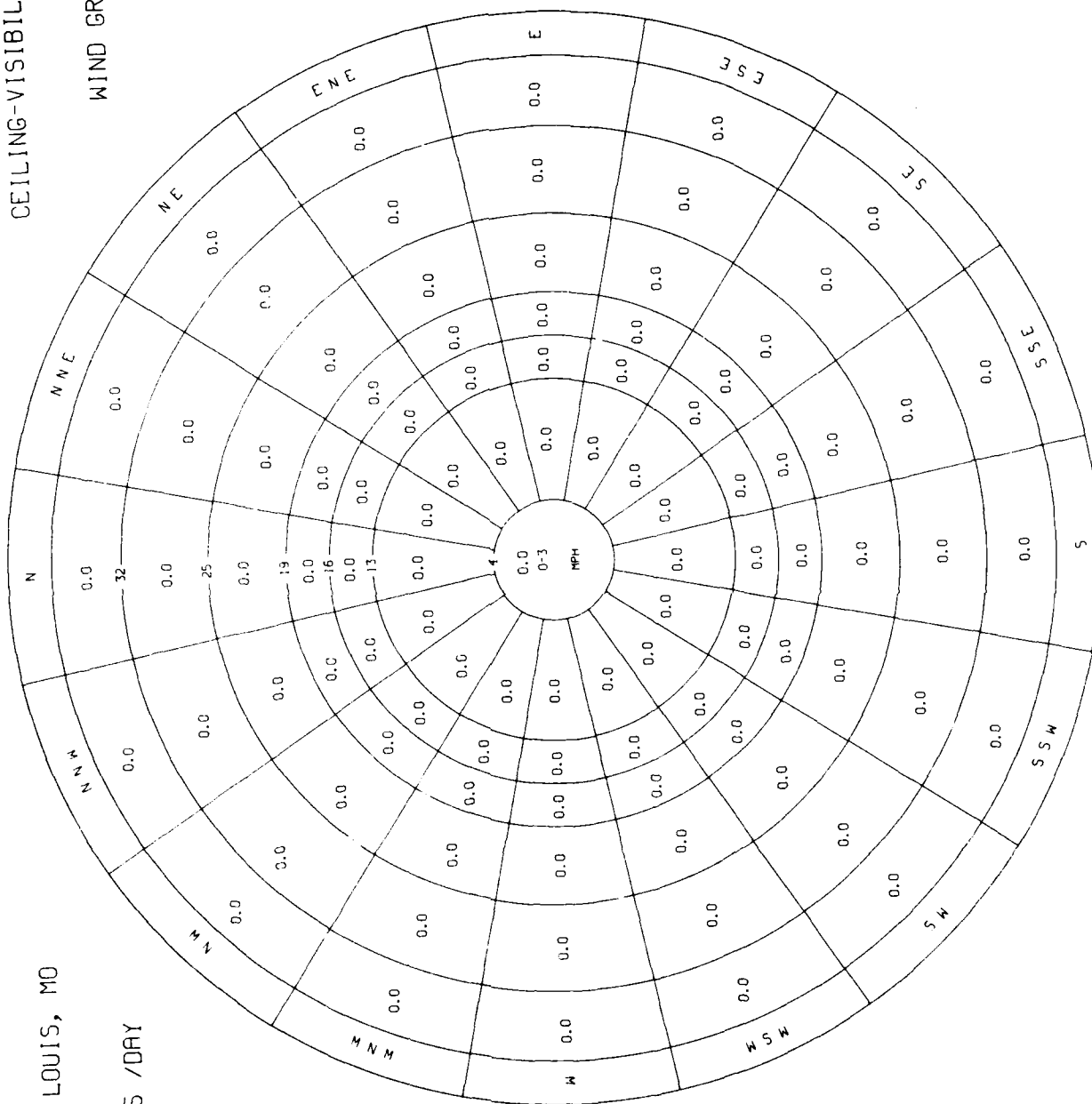
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
N	.0	.5	.1	5.3	.0	1.7	.0	1.0	.0	.5	.0	.0	.0	.0	.1	9.0	10.8
NNE	.0	.3	.0	3.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.0	9.0
NE	.0	.7	.1	5.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.1	6.3	8.3
ENE	.0	1.0	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	7.1
E	.0	1.0	.1	6.5	.0	1.5	.0	.3	.0	.3	.0	.0	.0	.0	.1	9.7	9.5
ESE	.0	.7	.1	6.7	.0	1.8	.0	.8	.0	.2	.0	.0	.0	.0	.1	10.2	9.9
SE	.0	1.0	.1	5.3	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	7.7	8.8
SSE	.0	.0	.1	3.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.2	9.7
S	.0	.3	.0	3.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.2	9.0
SSW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0
SW	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.1
WSW	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.8
W	.0	.8	.0	1.5	.0	.8	.0	.5	.0	.2	.0	.0	.0	.0	.1	3.8	9.7
WNW	.0	.5	.1	4.7	.0	1.5	.0	.3	.0	.2	.0	.0	.0	.0	.1	7.2	9.8
NW	.0	.5	.1	8.3	.0	2.0	.0	.3	.0	.7	.0	.0	.0	.2	.2	12.0	10.4
NNW	.0	.5	.1	6.2	.0	1.3	.0	.7	.0	.0	.0	.0	.0	.0	.1	8.7	9.9
CALM	.1	4.3													.1	4.3	
TOTAL	.2	13.5	.9	65.8	.2	13.2	.1	5.3	.0	2.0	.0	.0	.0	.2	1.4	100	9.0

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS: 5 / DAY

STATION NUMBER: 13994

NO. OBS.: 97

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.0	.0	2.1	.0	3.1	.0	1.0	.0	1.0	.0	.0	.0	.0	8.2
NNE	.0	.0	.0	3.1	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	5.2
NE	.0	2.1	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
ENE	.0	.0	.0	3.1	.0	2.1	.0	.0	.0	.0	.0	1.0	.0	.0	6.2
E	.0	2.1	.0	7.2	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	11.3
ESE	.0	1.0	.0	5.2	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	8.2
SE	.0	1.0	.0	6.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
SSE	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
S	.0	3.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
SW	.0	1.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
WSW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
W	.0	2.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
WNW	.0	2.1	.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	4.1
NW	.0	2.1	.0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
NNW	.0	.0	.0	5.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
CALM	.0	5.2													5.2
TOTAL	.0	22.7	.1	58.8	.0	10.3	.0	4.1	.0	1.0	.0	2.1	.0	1.0	2.2
															100
															8.3

F/6 4/2

DOT-FA79WAI-057

NL

2-3

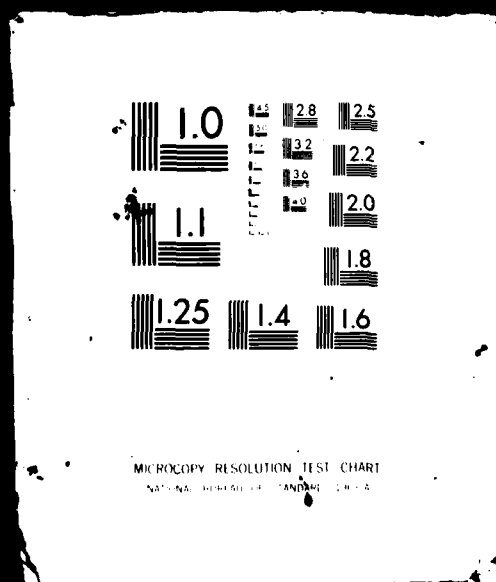
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100-10-4

517120

2 OF 3

AD-A

108163

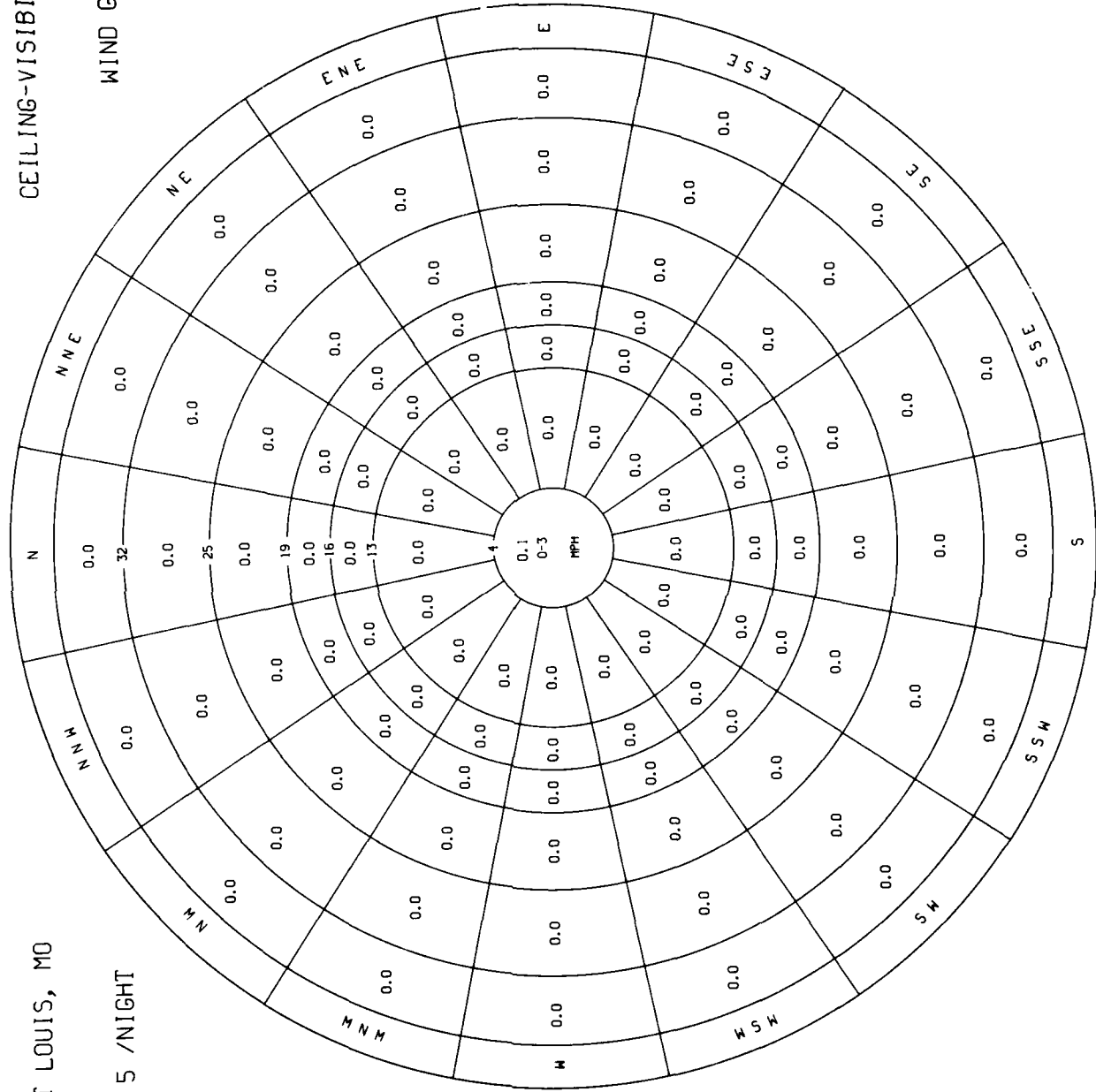


CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 13994

NO. OBS.: 140

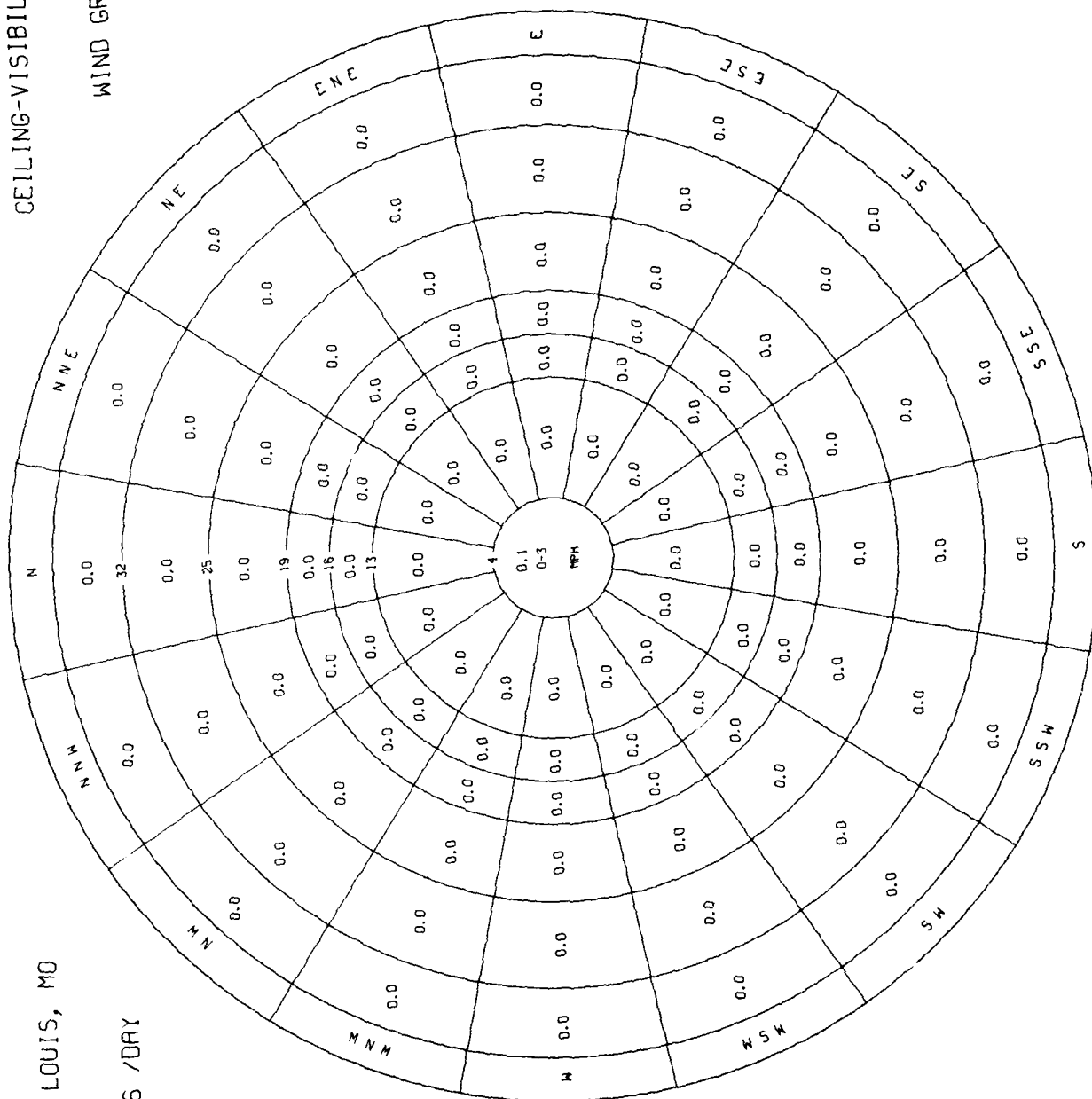
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.4	.0	5.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.1
NNE	.0	.7	.0	2.9	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0 4.3
NE	.0	.7	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
ENE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
E	.0	.7	.0	7.9	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0 10.0
ESE	.0	1.4	.0	8.6	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0 11.4
SE	.0	.0	.0	10.0	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0 11.4
SSE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
S	.0	.7	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
SSW	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
WSW	.0	.7	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
W	.0	.7	.0	5.0	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0 7.1
WNW	.0	1.4	.0	4.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.1
NW	.0	.7	.0	7.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.6
NNW	.0	.7	.0	2.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
CALM	.0	9.3													.0 9.3
TOTAL	.1	20.7	.2	69.3	.0	6.4	.0	2.1	.0	1.4	.0	.0	.0	.0	.3 100 7.5

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 13994

NO. OBS.: 103

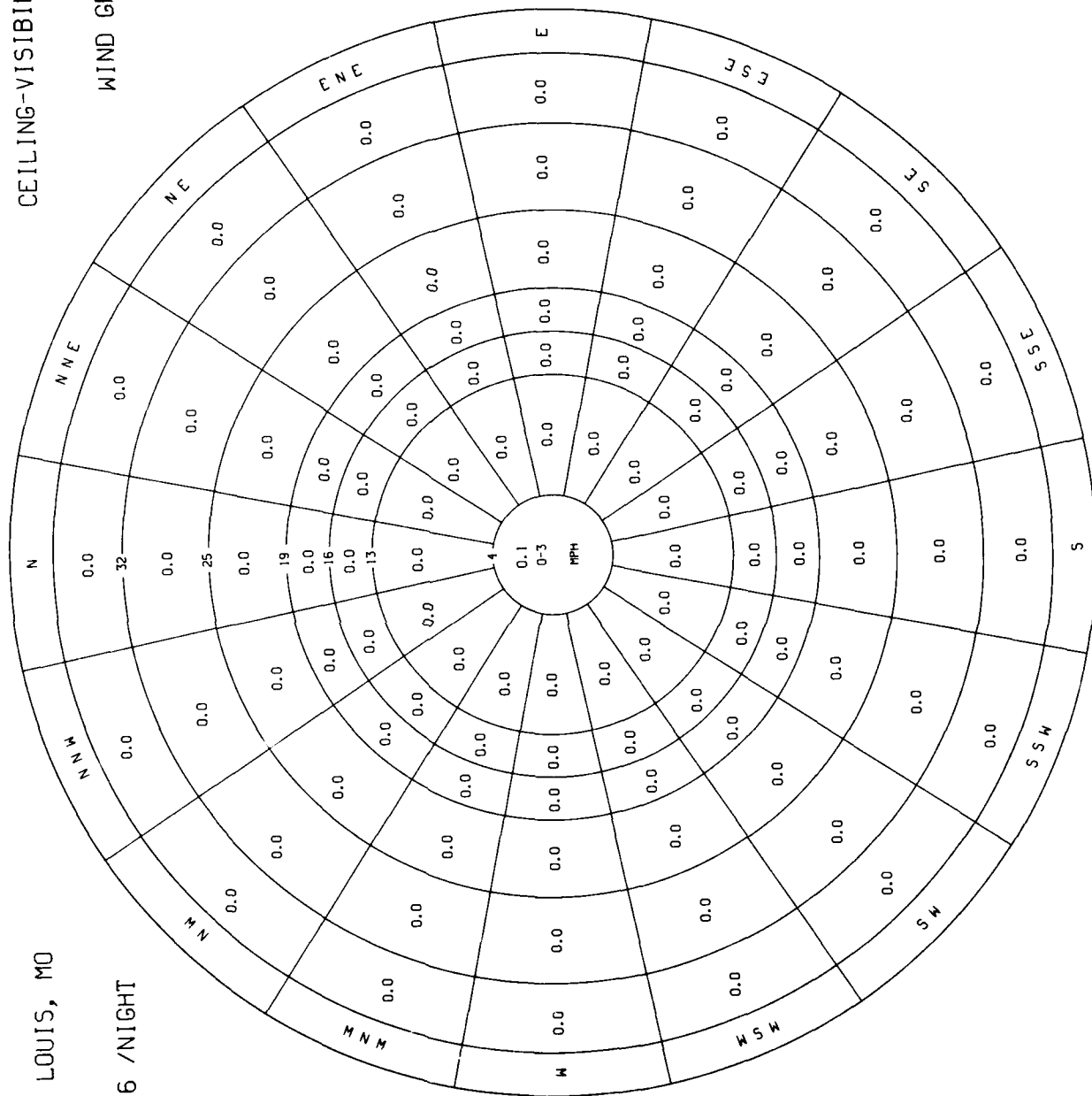
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
NNE	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
NE	.0	1.0	.0	6.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
ENE	.0	1.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
E	.0	2.9	.0	12.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5
ESE	.0	2.9	.0	9.7	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	14.6
SE	.0	1.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
SSE	.0	1.0	.0	2.9	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	4.9
S	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SW	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WSW	.0	1.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
W	.0	3.9	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
WNW	.0	1.9	.0	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7
NW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
NNW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
CALM	.0	8.7												.0	8.7
TOTAL	.1	32.0	.1	63.1	.0	3.9	.0	1.0	.0	.0	.0	.0	.0	.2	100
															5.9

CEILING-VISIBILITY

WIND GRAPH

STL ST LOUIS, MO

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: STL ST LOUIS, MO

PERIOD: 1948-1978

CLASS 6 / NIGHT

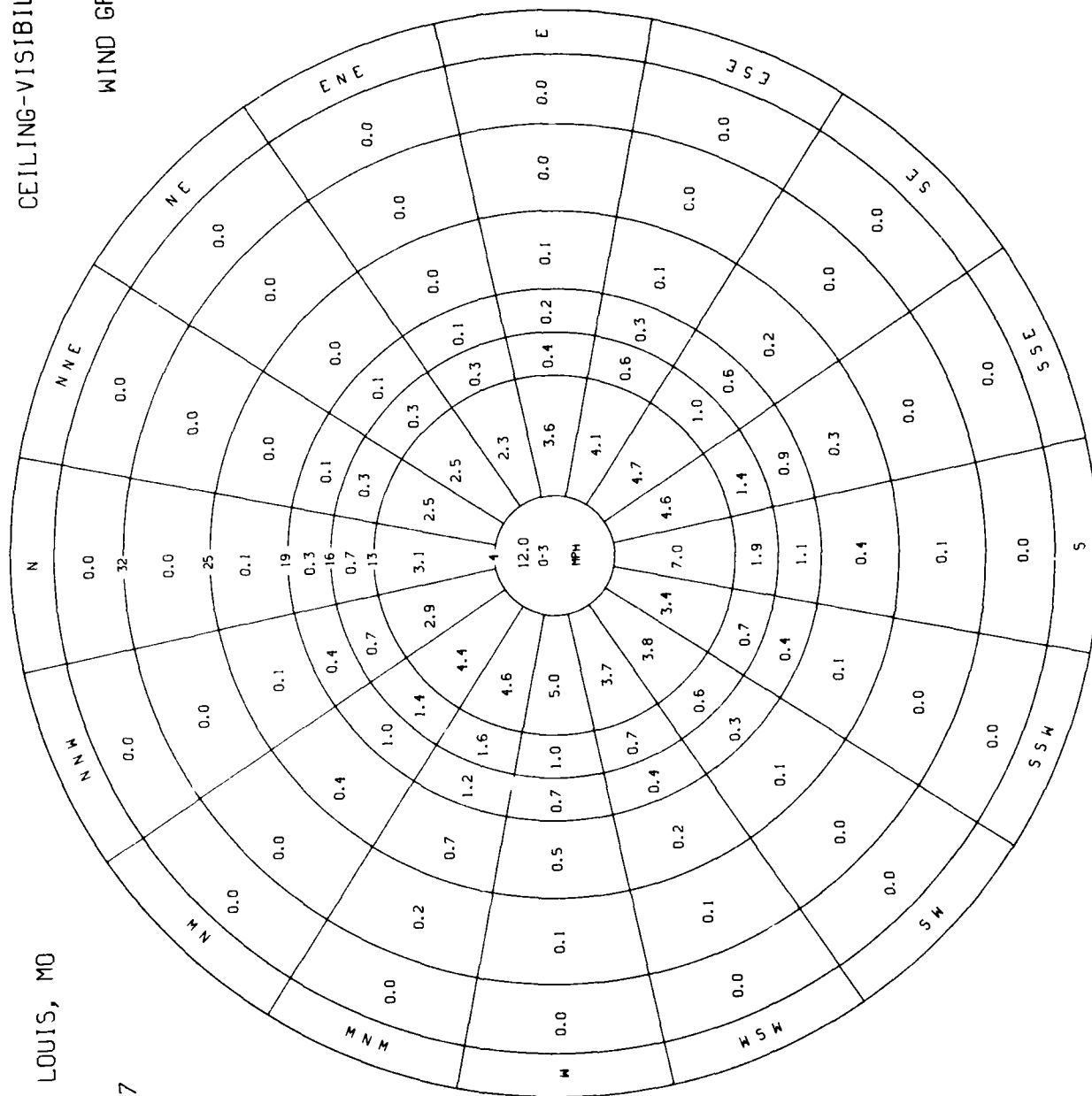
STATION NUMBER: 13994

NO. OBS.: 168

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.2
NNE	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.2
NE	.0	1.2	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	6.4
ENE	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.5
E	.0	3.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	5.8
ESE	.0	1.8	.0	4.8	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	7.7	7.4
SE	.0	2.4	.0	4.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.9
SSE	.0	.0	.0	2.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.8
S	.0	1.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.0
SW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.0
WSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.2
W	.0	.6	.0	4.8	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	6.0	7.6
WNW	.0	1.2	.0	6.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	7.6
NW	.0	3.0	.0	6.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	6.3
NNW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.5
CALM	.1	17.3													.1	17.3	
TOTAL	.1	35.1	.2	60.7	.0	2.4	.0	1.8	.0	.0	.0	.0	.0	.0	.4	100	5.5

CEILING-VISIBILITY WIND GRAPH

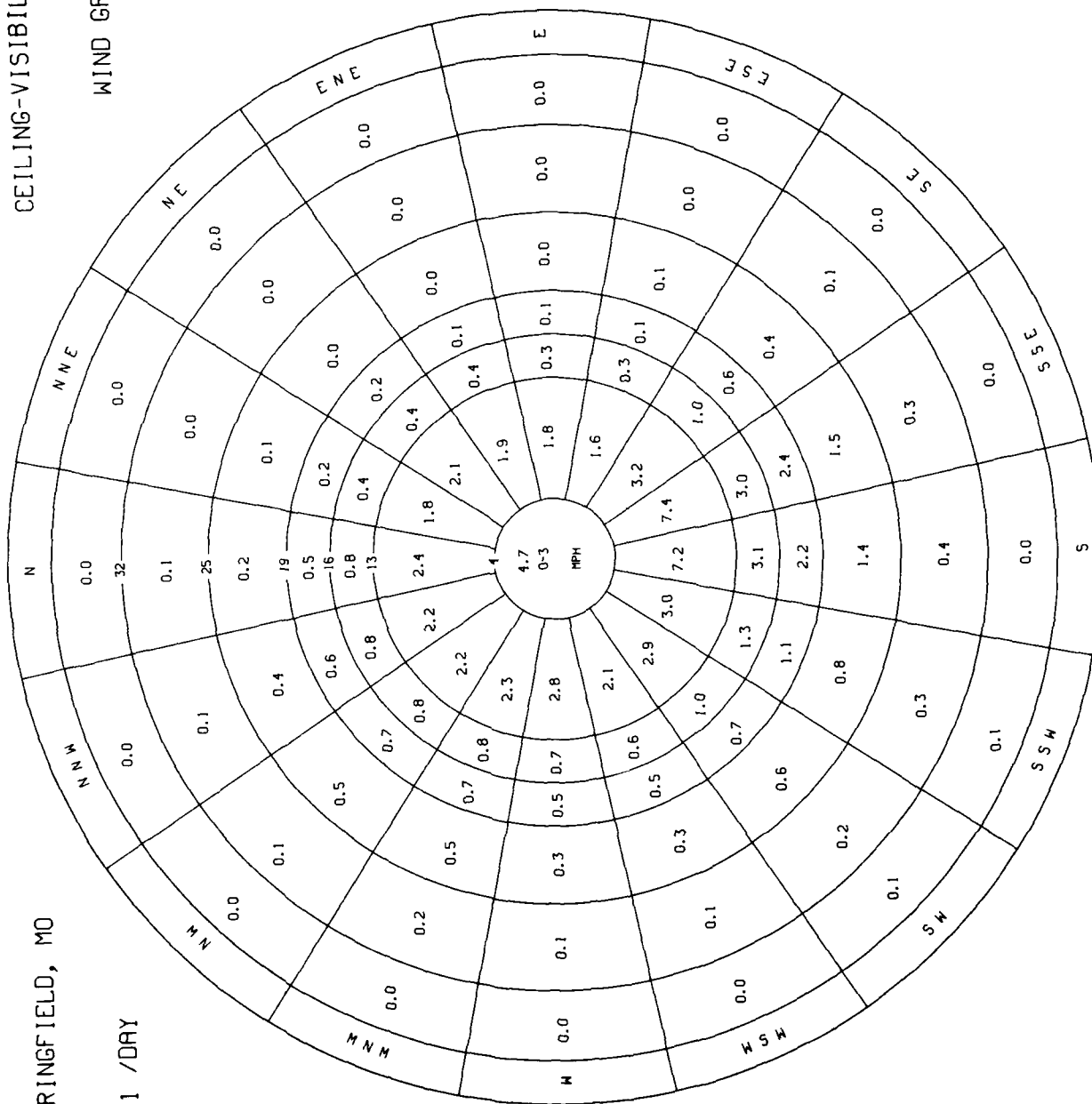
STL ST LOUIS, MO
CLASS 7



CEILING-VISIBILITY WIND GRAPH

SGF SPRINGFIELD, MO

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:SGF SPRINGFIELD, MO

PERIOD:1948-1978

CLASS 1 / DAY

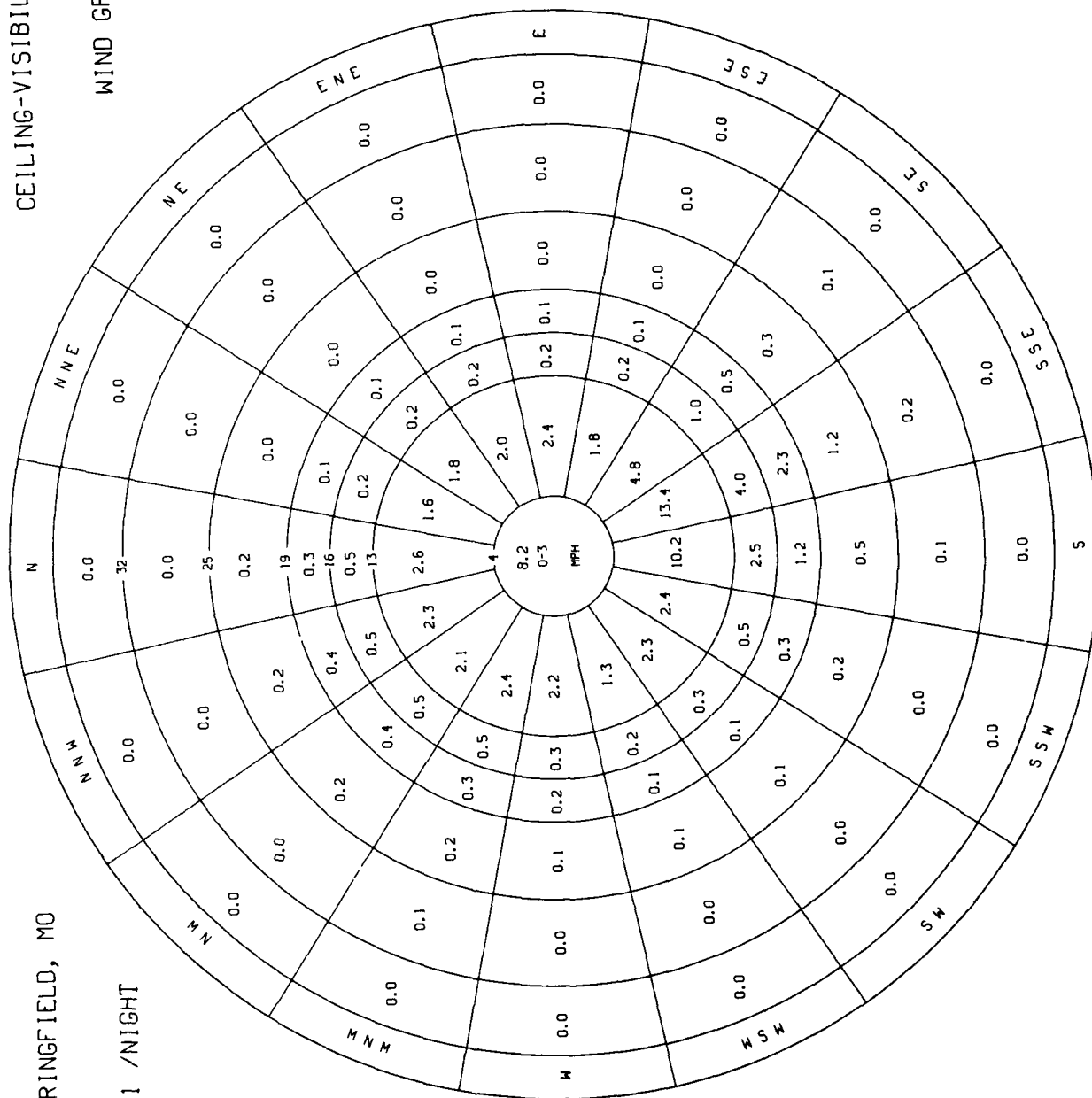
STATION NUMBER:13995

NO. OBS.: 44012

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.2	.2	2.4	2.8	.8	.9	.5	.6	.2	.3	.1	.1	.0	.0	4.2	4.8	11.2
NNE	.1	.2	1.8	2.1	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	2.7	3.1	10.3
NE	.2	.3	2.1	2.3	.4	.5	.2	.2	.0	.1	.0	.0	.0	.0	2.9	3.3	9.4
ENE	.2	.2	1.9	2.1	.4	.4	.1	.1	.0	.1	.0	.0	.0	.0	2.6	2.9	9.4
E	.2	.3	1.8	2.1	.3	.3	.1	.1	.0	.1	.0	.0	.0	.0	2.5	2.8	8.8
ESE	.2	.2	1.6	1.8	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	2.3	2.6	9.4
SE	.2	.3	3.2	3.6	1.0	1.1	.6	.7	.4	.4	.1	.1	.0	.0	5.5	6.3	11.6
SSE	.3	.3	7.4	8.4	3.0	3.4	2.4	2.7	1.5	1.7	.3	.3	.0	.0	14.9	16.9	12.7
S	.4	.4	7.2	8.2	3.1	3.5	2.2	2.5	1.4	1.6	.4	.4	.0	.1	14.7	16.6	12.7
SSW	.2	.2	3.0	3.3	1.3	1.5	1.1	1.2	.8	.9	.3	.3	.1	.1	6.8	7.7	13.5
SW	.3	.3	2.9	3.3	1.0	1.1	.7	.8	.6	.7	.2	.3	.1	.1	5.8	6.6	12.5
WSW	.2	.2	2.1	2.4	.6	.7	.5	.5	.3	.3	.1	.1	.0	.0	3.8	4.3	11.6
W	.3	.4	2.8	3.2	.7	.8	.5	.6	.3	.4	.1	.1	.0	.0	4.8	5.5	11.0
WNW	.2	.2	2.3	2.6	.8	.9	.7	.8	.5	.6	.2	.2	.0	.0	4.7	5.4	12.8
NW	.2	.2	2.2	2.5	.8	.9	.7	.7	.5	.6	.1	.1	.0	.0	4.5	5.1	12.6
NNW	.2	.2	2.2	2.5	.8	1.0	.6	.7	.4	.4	.1	.1	.0	.0	4.3	4.9	12.0
CALM	1.1	1.2													1.1	1.2	
TOTAL	4.7	5.4	47.0	53.2	15.7	17.8	11.3	12.8	7.2	8.2	2.0	2.2	.3	.4	88.3	100	11.8

SGF SPRINGFIELD, MO

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SGF SPRINGFIELD, MO

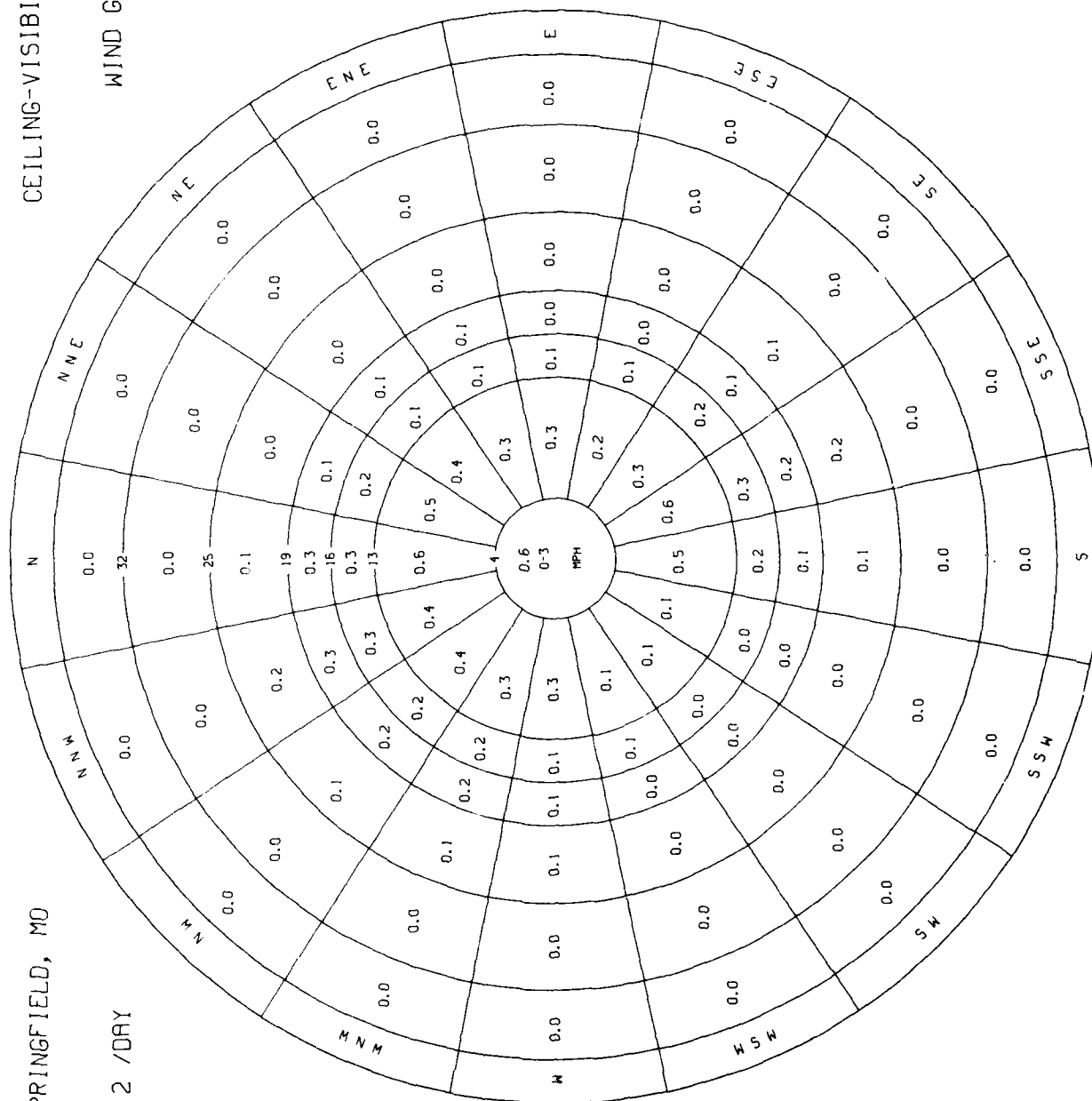
CLASS 1 / NIGHT

NO. OBS.: 34822

STATION NUMBER: 13995

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	.4	2.6	3.0	.5	.6	.3	.4	.2	.3	.0	.0	.0	.0	4.0 4.6
NNE	.2	.3	1.6	1.9	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	2.2 2.6
NENE	.3	.3	1.8	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.5 2.8
E	.4	.4	2.0	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4 2.8
ESE	.3	.4	1.8	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.0 3.5
SE	.3	.4	4.8	5.5	1.0	1.1	.5	.6	.3	.3	.1	.1	.0	.0	2.5 2.9
SSE	.6	.6	13.4	15.5	4.0	4.6	2.3	2.6	1.2	1.4	.2	.2	.0	.0	6.9 8.0
S	.6	.7	10.2	11.9	2.5	2.9	1.2	1.4	.5	.6	.1	.1	.0	.0	21.6 25.1
SSW	.3	.4	2.4	2.8	.5	.6	.3	.3	.2	.2	.0	.0	.0	.0	15.2 17.7
SW	.4	.5	2.3	2.7	.3	.3	.1	.2	.1	.1	.0	.1	.0	.0	3.7 4.3
WSW	.3	.3	1.3	1.5	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.3 3.8
W	.4	.5	2.2	2.5	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.0 2.3
WNW	.3	.3	2.4	2.7	.5	.6	.3	.3	.2	.2	.1	.1	.0	.0	3.2 3.7
NW	.3	.3	2.1	2.4	.5	.6	.4	.4	.2	.3	.0	.0	.0	.0	3.7 4.3
NNW	.3	.4	2.3	2.7	.5	.6	.4	.4	.2	.3	.0	.1	.0	.0	3.5 4.1
CALM	2.6	3.1													3.8 4.4
TOTAL	8.2	9.6	55.5	64.2	11.8	13.7	6.5	7.6	3.5	4.1	.7	.8	.1	.1	86.3 100

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SGF SPRINGFIELD, MO

CLASS 2 / DAY

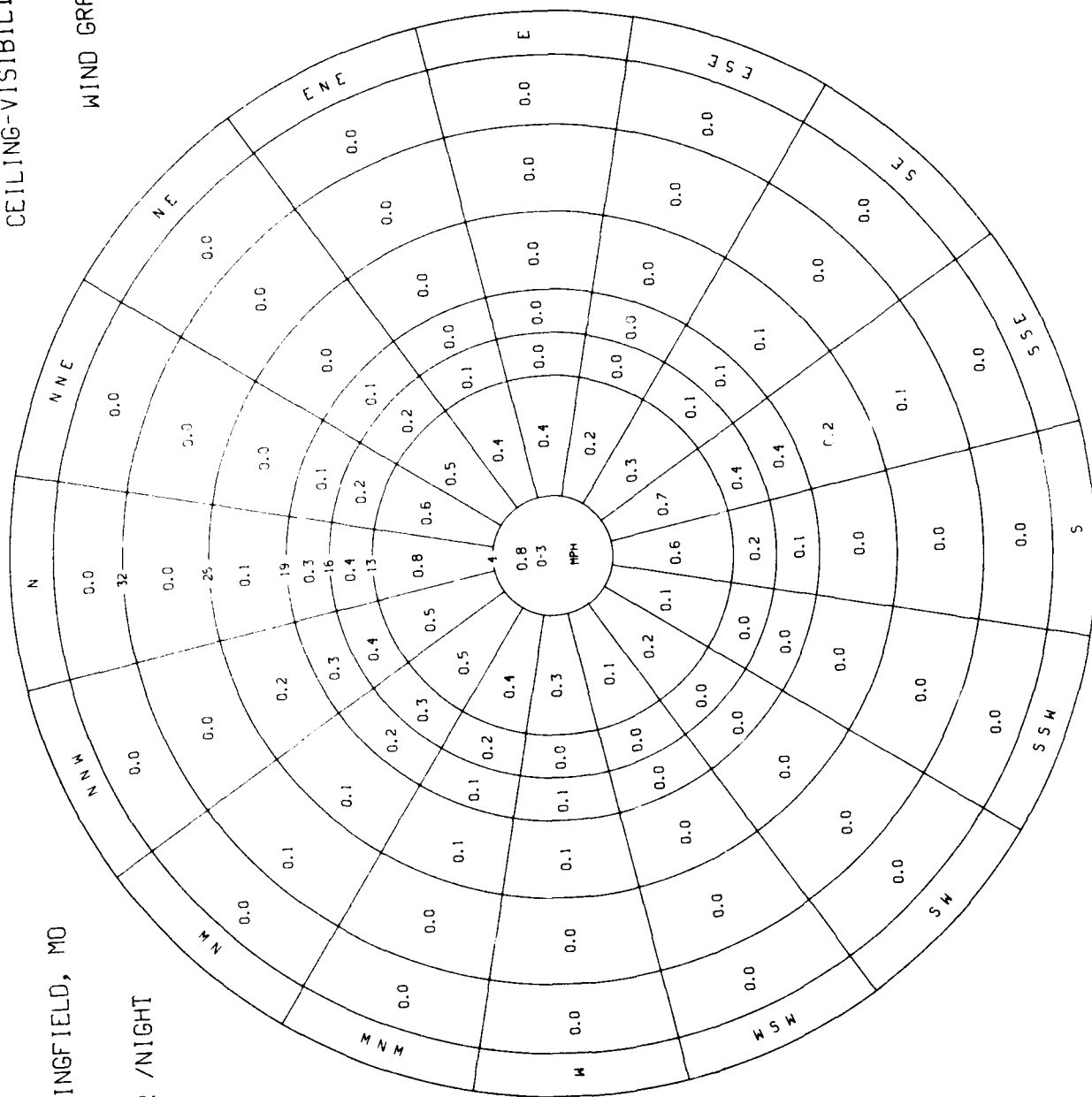
NO. OBS.: 5845

STATION NUMBER: 13995

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
N	.0	.2	.6	4.9	.3	2.8	.3	2.3	.1	1.0	.0	.2	.0	.0	1.4	11.5
NNE	.0	.3	.5	4.1	.2	1.4	.1	.9	.0	.4	.0	.1	.0	.0	.8	7.1
NE	.0	.2	.4	3.8	.1	1.2	.1	.6	.0	.3	.0	.0	.0	.0	.7	6.2
ENE	.0	.2	.3	2.9	.1	.8	.1	.6	.0	.1	.0	.0	.0	.0	.5	4.6
E	.0	.3	.3	2.7	.1	.5	.0	.3	.0	.1	.0	.1	.0	.0	.5	3.9
ESE	.0	.2	.2	1.4	.1	.5	.0	.4	.0	.2	.0	.1	.0	.0	.3	2.7
SE	.0	.2	.3	2.9	.2	1.3	.1	1.1	.1	.7	.0	.3	.0	.1	.8	6.6
SSE	.0	.2	.6	5.0	.3	2.9	.2	2.1	.2	1.7	.0	.4	.0	.0	1.4	12.3
S	.0	.3	.5	4.5	.2	1.5	.1	.8	.1	.5	.0	.2	.0	.0	.9	7.6
SSW	.0	.2	.1	1.2	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2	2.0
SW	.0	.1	.1	1.3	.0	.3	.0	.1	.0	.2	.0	.1	.0	.0	.2	2.1
WSW	.0	.3	.1	1.1	.1	.4	.0	.3	.0	.2	.0	.1	.0	.0	.3	2.4
W	.0	.3	.3	2.5	.1	.5	.1	.5	.1	.4	.0	.2	.0	.1	.5	4.6
WNW	.0	.3	.3	2.6	.2	1.4	.2	1.4	.1	.9	.0	.3	.0	.0	.8	6.9
NW	.0	.2	.4	3.4	.2	1.7	.2	1.4	.1	.8	.0	.2	.0	.0	.9	7.7
NNW	.0	.2	.4	3.7	.3	2.4	.3	2.2	.2	1.6	.0	.4	.0	.0	1.2	10.5
CALM	.2	1.3													.2	1.3
TOTAL	.6	5.0	5.6	47.8	2.3	19.8	1.8	15.2	1.1	9.3	.3	2.5	.0	.3	11.7	100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SGF SPRINGFIELD, MO

CLASS 2 / NIGHT

NO. OBS.: 5514

STATION NUMBER: 13995

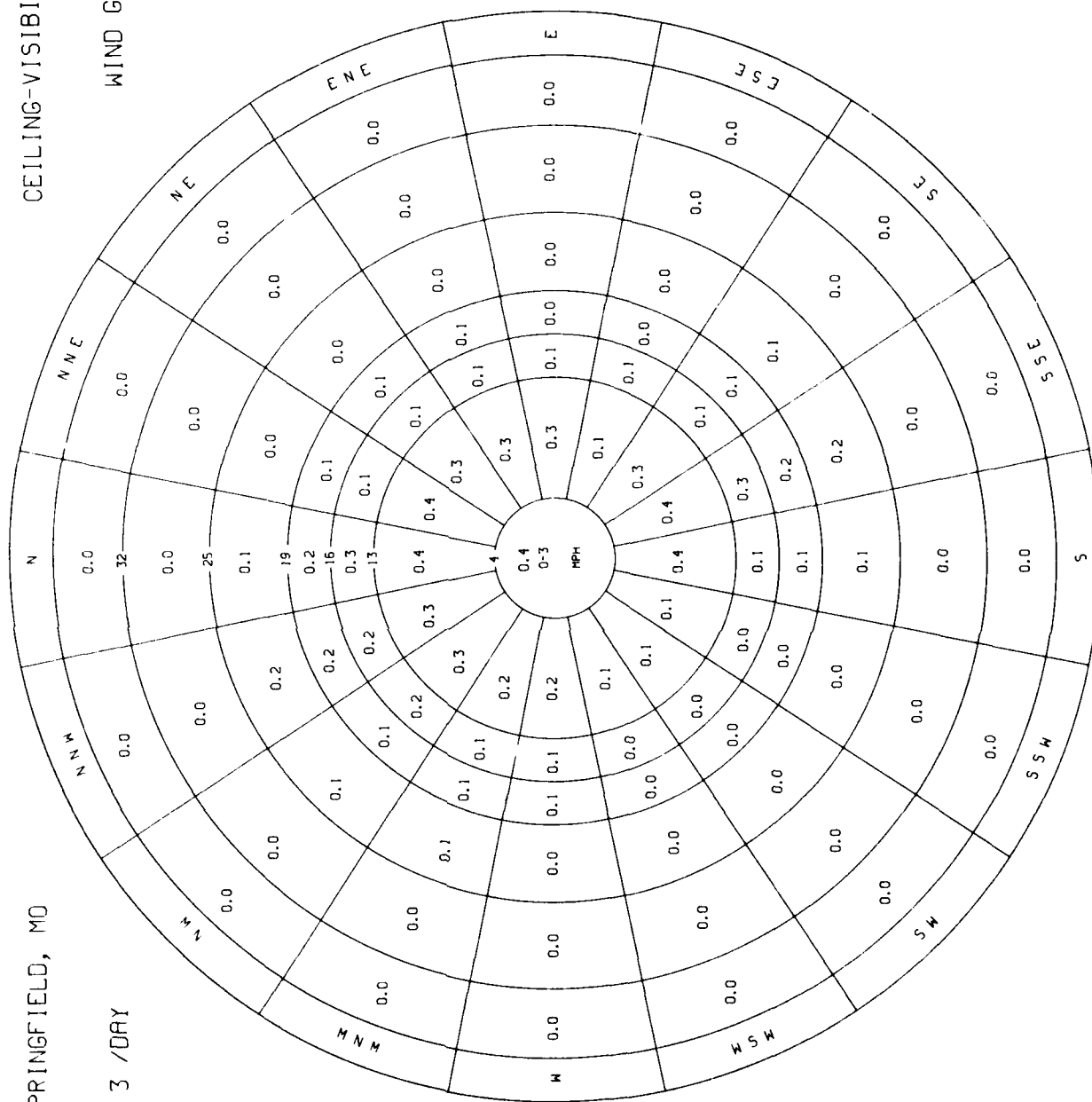
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.8	6.1	.4	3.0	.3	2.2	.1	1.1	.0	.2	.0	.0	1.8 12.9
NNE	.0	.2	.6	4.1	.2	1.7	.1	1.1	.0	.3	.0	.1	.0	.0	1.0 7.6
NE	.0	.3	.5	3.6	.2	1.1	.1	.7	.0	.2	.0	.1	.0	.0	.8 5.9
ENE	.0	.2	.4	2.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.6 4.2
E	.0	.2	.4	2.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.5 3.6
ESE	.0	.2	.2	1.5	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3 2.4
SE	.0	.3	.3	2.3	.1	1.1	.1	1.0	.1	.8	.0	.1	.0	.0	.8 5.7
SSE	.0	.3	.7	5.2	.4	2.8	.4	2.9	.2	1.6	.1	.6	.0	.0	1.8 13.4
S	.0	.3	.6	4.3	.2	1.3	.1	.8	.0	.3	.0	.0	.0	.0	1.0 7.1
SSW	.0	.2	.1	1.0	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.2 1.6
SW	.0	.3	.2	1.4	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.3 2.0
WSW	.0	.2	.1	1.0	.0	.2	.0	.3	.0	.2	.0	.1	.0	.0	.3 2.0
W	.0	.3	.3	1.9	.0	.4	.1	.6	.1	.5	.0	.3	.0	.1	.6 4.1
WNW	.0	.1	.4	2.6	.2	1.2	.1	1.0	.1	1.0	.0	.2	.0	.0	.8 6.1
NW	.0	.3	.5	3.6	.3	2.0	.2	1.5	.1	1.0	.1	.4	.0	.0	1.2 8.7
NNW	.0	.2	.5	4.0	.4	2.6	.3	2.1	.2	1.5	.0	.3	.0	.0	1.5 10.8
CALM	.2	1.8													.2 1.8
TOTAL	.8	5.9	6.6	48.4	2.6	19.0	2.1	15.0	1.2	9.0	.3	2.5	.0	.3	13.7 100

CEILING-VISIBILITY

WIND GRAPH

SGF SPRINGFIELD, MO

CLASS 3 /DAY



ANNUAL

STATION NAME: SCF SPRINGFIELD, MO

PERIOD: 1948-1978

CLASS 3 / DAY

STATION NUMBER: 13995

NO. OBS.: 4642

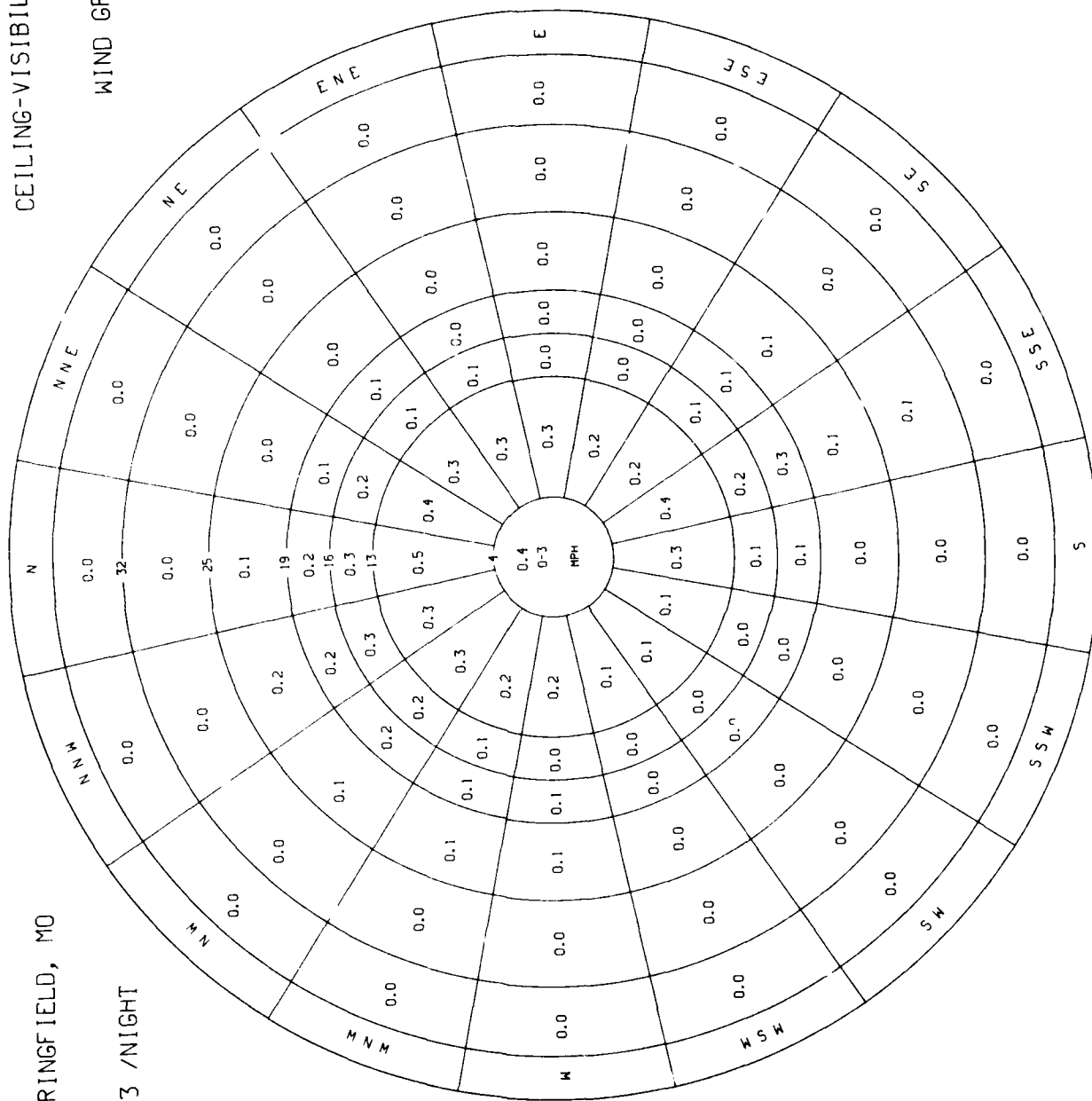
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.2	.4	4.4	.3	2.9	.2	2.5	.1	1.1	.0	.2	.0	.0	1.0	11.3	13.4
NNE	.0	.2	.4	3.9	.1	1.4	.1	1.0	.0	.4	.0	.0	.0	.0	.6	6.8	11.7
NE	.0	.2	.3	3.7	.1	1.3	.1	.7	.0	.2	.0	.0	.0	.0	.6	6.2	11.3
ENE	.0	.2	.3	2.9	.1	.8	.1	.6	.0	.2	.0	.0	.0	.0	.4	4.6	11.1
E	.0	.2	.3	2.9	.1	.5	.0	.3	.0	.1	.0	.1	.0	.0	.4	4.2	10.0
ESE	.0	.2	.1	1.5	.1	.5	.0	.4	.0	.3	.0	.1	.0	.0	.3	3.0	12.1
SE	.0	.2	.3	2.9	.1	1.3	.1	1.1	.1	.8	.0	.3	.0	.1	.6	6.8	13.6
SSE	.0	.2	.4	4.6	.3	2.7	.2	2.2	.2	1.7	.0	.5	.0	.0	1.1	11.9	14.1
S	.0	.2	.4	4.2	.1	1.6	.1	.8	.1	.6	.0	.0	.0	.0	.7	7.4	11.5
SSW	.0	.2	.1	1.3	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.1	10.2
SW	.0	.1	.1	1.3	.0	.3	.0	.2	.0	.2	.0	.1	.0	.0	.2	2.2	11.6
WSW	.0	.2	.1	1.2	.0	.5	.0	.3	.0	.3	.0	.1	.0	.0	.2	2.7	12.6
W	.0	.3	.2	2.5	.1	.6	.1	.6	.0	.5	.0	.3	.0	.1	.5	4.8	12.6
WNW	.0	.2	.2	2.4	.1	1.4	.1	1.5	.1	1.1	.0	.4	.0	.0	.6	7.0	14.5
NW	.0	.2	.3	3.3	.2	1.8	.1	1.5	.1	.9	.0	.3	.0	.0	.7	8.0	13.5
NNW	.0	.2	.3	3.2	.2	2.4	.2	2.3	.2	1.7	.0	.4	.0	.0	.9	10.1	14.8
CALM	.1	.9													.1	.9	
TOTAL	4	3.9	4	3.46	1.9	20.5	1.5	16.3	.9	10.1	.3	2.9	.0	.3	9.3	100	12.7

CEILING-VISIBILITY

WIND GRAPH

SGF SPRINGFIELD, MO

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SGF SPRINGFIELD, MO

CLASS 3 / NIGHT

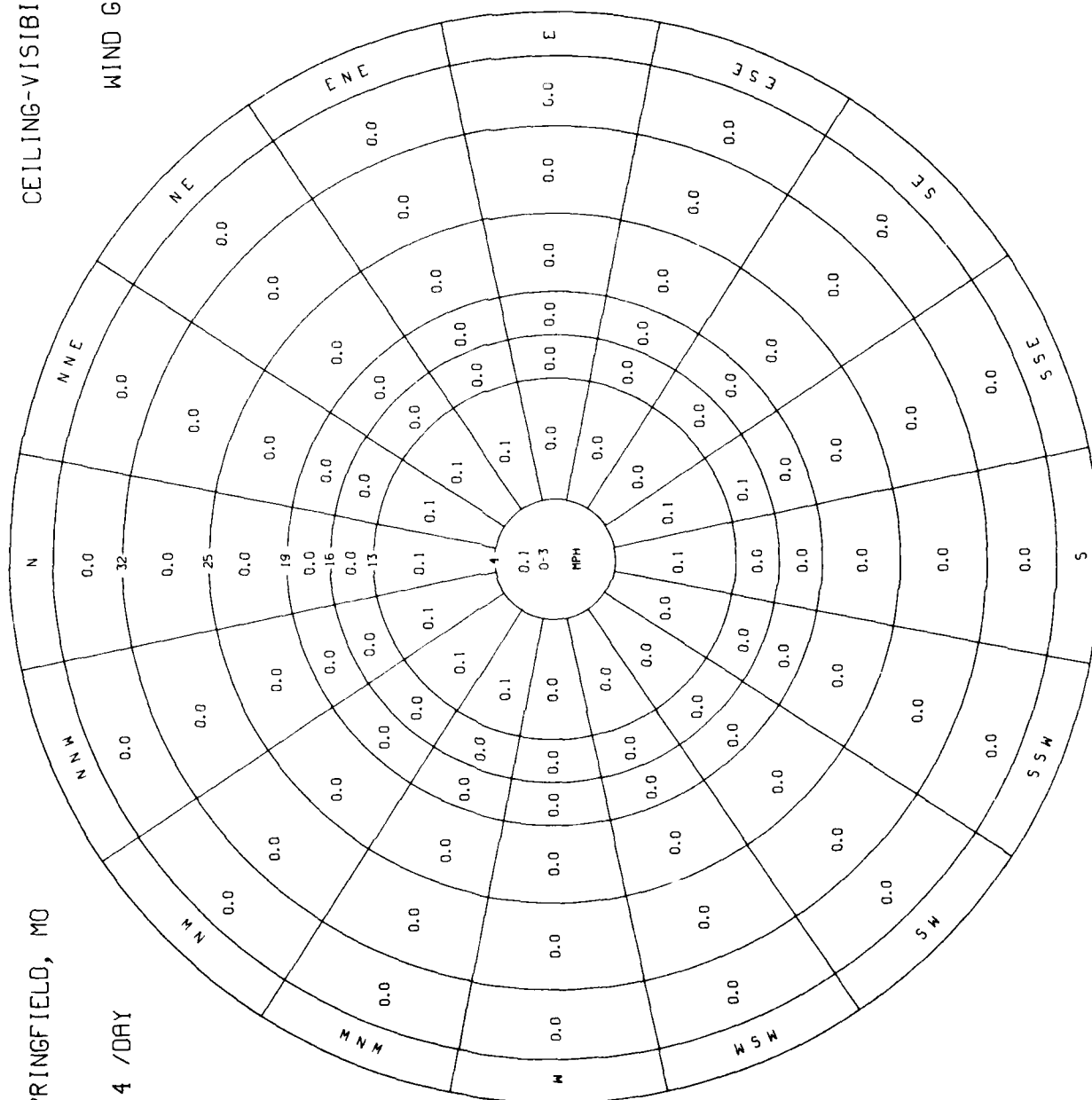
NO. OBS.: 3864

STATION NUMBER: 13995

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.2	.5	5.5	.3	3.1	.2	2.6	.1	1.3	.0	.2	.0	.0	1.2	12.9	13.3
NNE	.0	.2	.4	3.7	.2	1.8	.1	1.3	.0	.5	.0	.1	.0	.0	.7	7.6	12.5
NE	.0	.3	.3	3.4	.1	1.2	.1	.8	.0	.3	.0	.1	.0	.0	.6	6.1	11.4
ENE	.0	.2	.3	2.6	.1	.8	.0	.3	.0	.2	.0	.0	.0	.0	.4	4.1	10.4
E	.0	.2	.3	3.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.9	9.4
ESE	.0	.2	.2	1.6	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.3	2.8	10.5
SE	.0	.2	.2	2.4	.1	1.1	.1	.9	.1	1.0	.0	.1	.0	.0	.5	5.6	13.6
SSE	.0	.3	.4	4.5	.2	2.6	.3	3.3	.1	1.5	.1	.6	.0	.0	1.2	12.9	14.2
S	.0	.3	.3	3.3	.1	1.2	.1	.9	.0	.3	.0	.1	.0	.0	.6	6.1	11.7
SSW	.0	.2	.1	.8	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.1	1.4	10.1
SW	.0	.2	.1	1.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.0	10.6
WSW	.0	.1	.1	.9	.0	.3	.0	.4	.0	.2	.0	.1	.0	.1	.2	2.1	13.3
W	.0	.2	.2	2.0	.0	.5	.1	.8	.1	.6	.0	.4	.0	.1	.4	4.5	14.3
WNW	.0	.1	.2	2.5	.1	1.3	.1	1.2	.1	1.2	.0	.3	.0	.0	.6	6.7	14.5
NW	.0	.2	.3	3.4	.2	2.2	.2	1.7	.1	1.3	.0	.5	.0	.0	.9	9.3	14.4
NNW	.0	.2	.3	3.6	.3	2.8	.2	2.4	.2	1.7	.0	.3	.0	.0	1.1	11.1	14.5
CALM	.1	.9													.1	.9	
TOTAL	.4	4.0	4.3	44.6	1.9	20.2	1.7	17.3	1.0	10.6	.3	3.0	.0	.3	9.6	100	12.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SGF SPRINGFIELD, MO

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 13995

NO. OBS.: 818

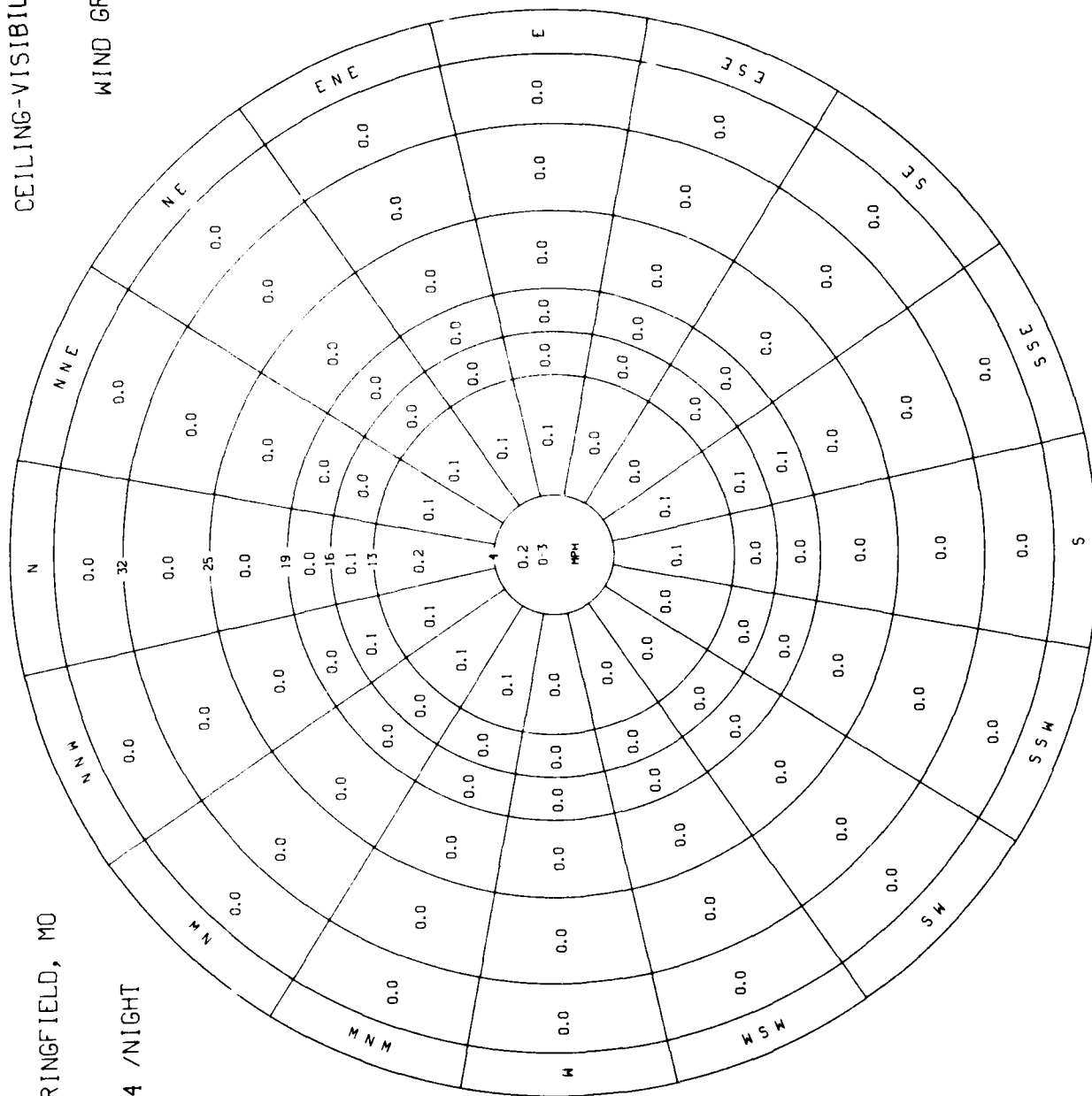
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.1	7.2	.0	2.6	.0	2.2	.0	.9	.0	.5	.0	.0	.2 13.4
NNE	.0	.9	.1	5.6	.0	1.5	.0	1.1	.0	.4	.0	.1	.0	.0	.2 9.5
NE	.0	.2	.1	4.3	.0	1.5	.0	.1	.0	.5	.0	.0	.0	.0	.1 6.6
ENE	.0	.2	.1	3.3	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.6
E	.0	.7	.0	2.3	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 3.4
ESE	.0	.2	.0	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0 1.7
SE	.0	.0	.0	2.4	.0	1.7	.0	1.3	.0	.2	.0	.2	.0	.0	.1 6.0
SSE	.0	.5	.1	5.3	.1	3.2	.0	1.8	.0	2.1	.0	.1	.0	.0	.2 13.0
S	.0	.1	.1	4.8	.0	1.6	.0	.9	.0	.1	.0	.0	.0	.0	.1 7.5
SSW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0 1.3
SW	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
WSW	.0	.4	.0	.5	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0 1.3
W	.0	.4	.0	2.8	.0	.2	.0	.4	.0	.4	.0	.1	.0	.0	.1 4.3
WNW	.0	.4	.1	3.7	.0	1.2	.0	1.1	.0	.2	.0	.0	.0	.0	.1 6.6
NW	.0	.2	.1	3.7	.0	1.0	.0	.7	.0	.4	.0	.1	.0	.1	.1 6.2
NNW	.0	.4	.1	5.4	.0	2.7	.0	2.2	.0	1.0	.0	.1	.0	.0	.2 11.7
CALM	.0	1.5													.0 1.5
TOTAL	.1	6.7	.9	54.2	.3	18.5	.2	12.7	.1	6.4	.0	1.3	.0	.2	1.6 100
															.0 1.4

CEILING-VISIBILITY

WIND GRAPH

SGF SPRINGFIELD, MO

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SGF SPRINGFIELD, MO

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 13995

NO. OBS.: 972

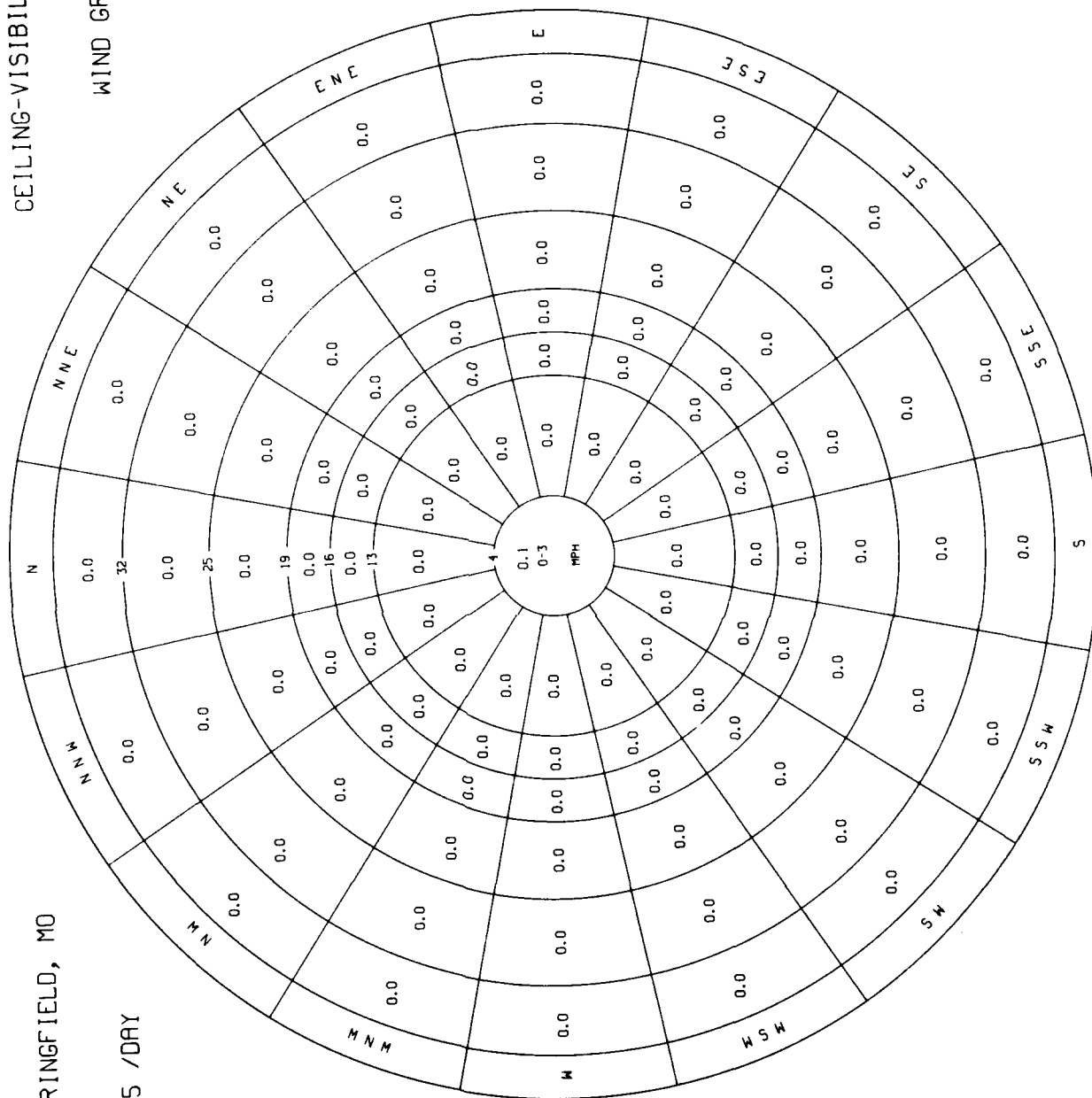
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.2	7.3	.1	3.3	.0	1.7	.0	.4	.0	.3	.0	.1	.3 13.4
NNE	.0	.3	.1	4.8	.0	1.2	.0	.4	.0	.1	.0	.1	.0	.1	.2 7.1
NE	.0	.2	.1	4.3	.0	1.6	.0	.3	.0	.2	.0	.0	.0	.0	.2 6.7
ENE	.0	.3	.1	3.3	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1 4.5
E	.0	.2	.1	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
ESE	.0	.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
SE	.0	.5	.0	2.1	.0	.8	.0	1.3	.0	.7	.0	.2	.0	.0	.1 5.7
SSE	.0	.2	.1	6.1	.1	3.5	.1	2.3	.0	2.0	.0	.5	.0	.0	.3 14.5
S	.0	.5	.1	6.0	.0	1.2	.0	.8	.0	.2	.0	.0	.0	.0	.2 8.7
SSW	.0	.1	.0	1.2	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0 1.7
SW	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
WSW	.0	.2	.0	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 1.6
W	.0	.2	.0	2.1	.0	.2	.0	.2	.0	.4	.0	.1	.0	.0	.1 3.2
WNW	.0	.0	.1	2.9	.0	.8	.0	.5	.0	.4	.0	.1	.0	.0	.1 4.7
NW	.0	.6	.1	3.9	.0	1.9	.0	.9	.0	.0	.0	.1	.0	.1	.2 7.5
NNW	.0	.5	.1	4.0	.1	2.6	.0	1.9	.0	1.1	.0	.1	.0	.0	.2 10.2
CALM	.1	2.9													.1 2.9
TOTAL	.2	7.7	1.3	55.7	.4	18.1	.3	11.1	.1	5.6	.0	1.5	.0	.3	2.4 10.9

CEILING-VISIBILITY

WIND GRAPH

SGF SPRINGFIELD, MO

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SGF SPRINGFIELD, MO

CLASS 5 / DAY

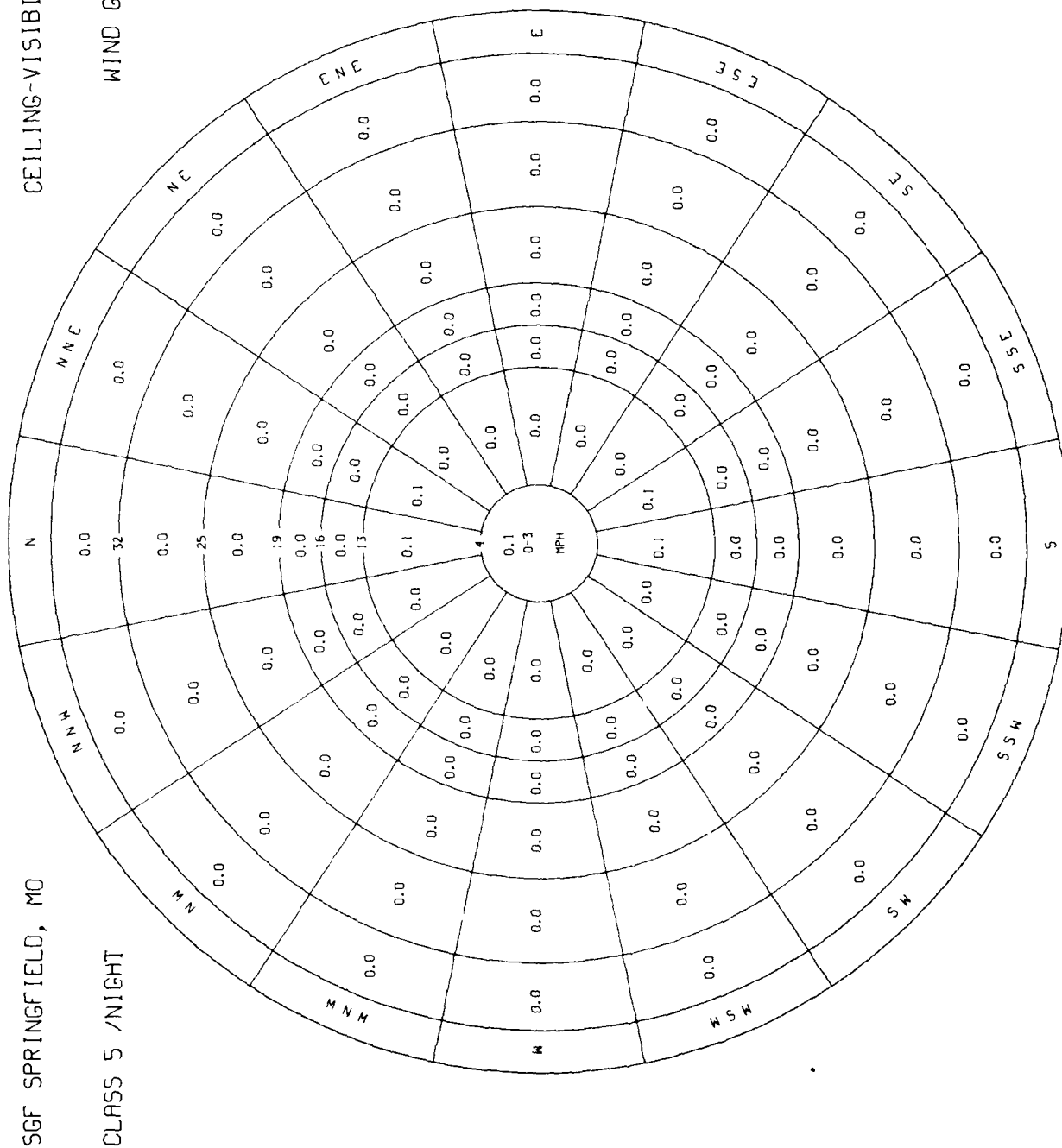
NO. OBS.: 231

STATION NUMBER: 13995

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.4	.0	6.1	.0	1.3	.0	1.3	.0	1.7	.0	.0	.0	.0	.1	10.8	12.2
NNE	.0	.4	.0	5.2	.0	1.3	.0	.0	.0	.9	.0	.0	.0	.0	.0	7.8	10.7
NE	.0	.9	.0	3.5	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	4.8	7.1
ENE	.0	.0	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.4	.0	.0	.0	3.0	11.7
E	.0	.0	.0	1.7	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	3.0	11.1
ESE	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0
SE	.0	.0	.0	2.2	.0	.4	.0	.9	.0	.9	.0	.0	.0	.0	.0	4.3	12.7
SSE	.0	.4	.0	7.8	.0	3.5	.0	1.7	.0	2.2	.0	.0	.0	.0	.1	15.6	12.4
S	.0	.0	.0	8.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	9.5	8.8
SSW	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.7
SW	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
WSW	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.2
W	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0
WNW	.0	1.3	.0	2.2	.0	2.6	.0	.0	.0	.4	.0	.0	.0	.0	.0	6.5	10.3
NW	.0	.0	.0	4.8	.0	1.7	.0	.4	.0	.9	.0	.0	.0	.0	.0	7.8	11.8
NNW	.0	.4	.0	5.6	.0	2.6	.0	2.2	.0	.9	.0	.0	.0	.0	.1	11.7	12.1
CALM	.0	6.1													.0	6.1	
TOTAL	.1	13.0	.3	55.4	.1	15.6	.0	7.8	.0	7.8	.0	.4	.0	.0	.5	100	10.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SGF SPRINGFIELD, MO

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 13995

NO. OBS.: 376

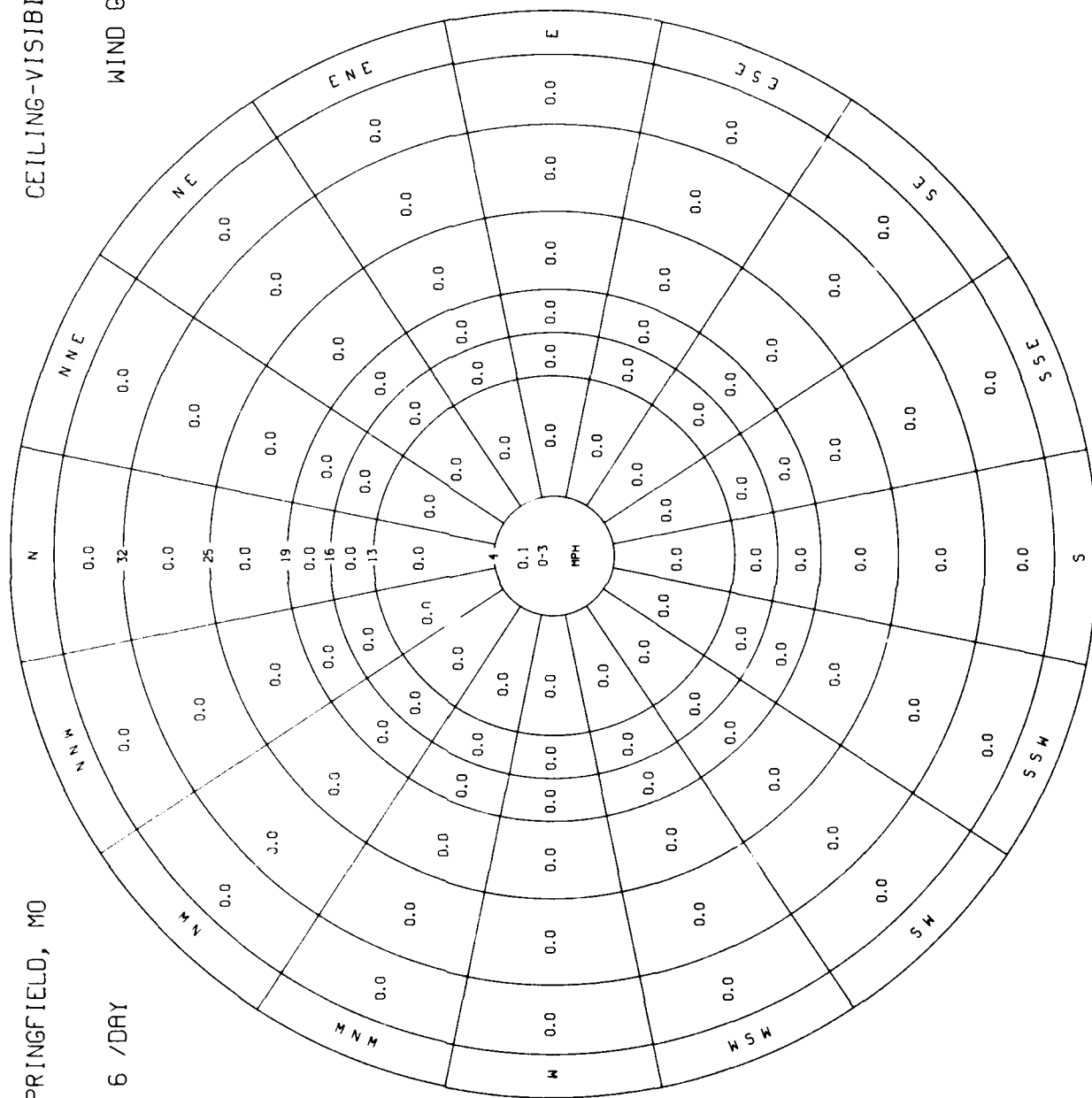
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.1	7.7	.0	2.4	.0	1.3	.0	1.1	.0	.3	.0	.0	.1 13.0
NNE	.0	.5	.1	6.9	.0	2.9	.0	.5	.0	.0	.0	.0	.0	.0	.1 10.9
NE	.0	.3	.0	2.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0 3.7
ENE	.0	.3	.0	4.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0 5.1
E	.0	.3	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
ESE	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SE	.0	1.1	.0	1.6	.0	1.6	.0	.8	.0	.3	.0	.0	.0	.0	.0 5.3
SSE	.0	.3	.1	6.6	.0	4.0	.0	1.9	.0	1.9	.0	.5	.0	.0	.1 15.2
S	.0	.5	.1	6.6	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.1 9.3
SSW	.0	.0	.0	2.7	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.0 3.2
SW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WSW	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
W	.0	2.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
WNW	.0	.3	.0	2.4	.0	1.9	.0	.8	.0	.0	.0	.0	.0	.0	.0 5.3
NW	.0	.3	.0	4.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.3	.1 6.9
NNW	.0	.0	.0	5.3	.0	.0	.0	.8	.0	.8	.0	.3	.0	.0	.1 9.0
CALM	.0	4.3													.0 4.3
TOTAL	.1	11.2	.5	56.4	.2	17.8	.1	8.2	.0	5.1	.0	1.1	.0	.3	.9 100
															10.2

CEILING-VISIBILITY

WIND GRAPH

SGF SPRINGFIELD, MO

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SGF SPRINGFIELD, MO

PERIOD: 1948-1978

CLASS 6 / DAY

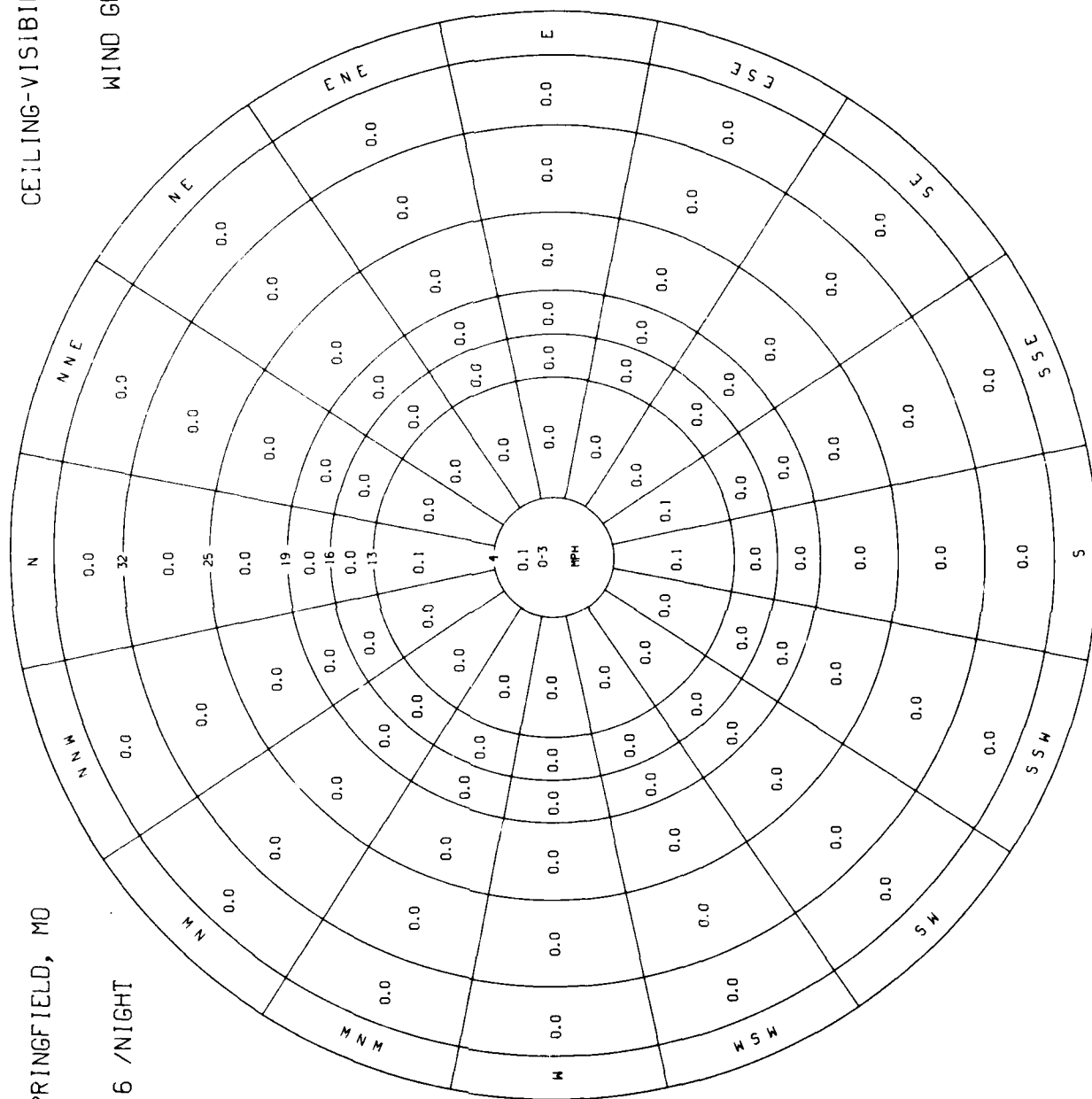
STATION NUMBER: 13995

NO. OBS.: 154

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.6	.0	6.5	.0	3.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	11.0	10.5
NNE	.0	.0	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.6	.0	.0	.0	3.2	13.4
NE	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.7
ENE	.0	.6	.0	3.9	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	5.8	8.2
E	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
ESE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.5
SE	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.7
SSE	.0	1.3	.0	9.1	.0	3.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	15.6	9.8
S	.0	1.9	.0	6.5	.0	.6	.0	.6	.0	.0	.0	.0	.0	.6	.0	10.4	9.1
SSW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	9.2
SW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.7
WSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.5
W	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.2
WNW	.0	.6	.0	2.6	.0	1.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	5.8	11.0
NW	.0	.6	.0	3.2	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	7.1	11.4
NNW	.0	1.9	.0	6.5	.0	1.3	.0	.6	.0	2.6	.0	.0	.0	.0	.0	13.0	10.9
CALM	.0	5.2													.0	5.2	
TOTAL	1	16.2	2	59.1	.0	13.6	.0	6.5	.0	2.6	.0	1.3	.0	.6	.3	100	9.0

SGF SPRINGFIELD, MO

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:SGF SPRINGFIELD, MO

PERIOD:1948-1978

CLASS 6 / NIGHT

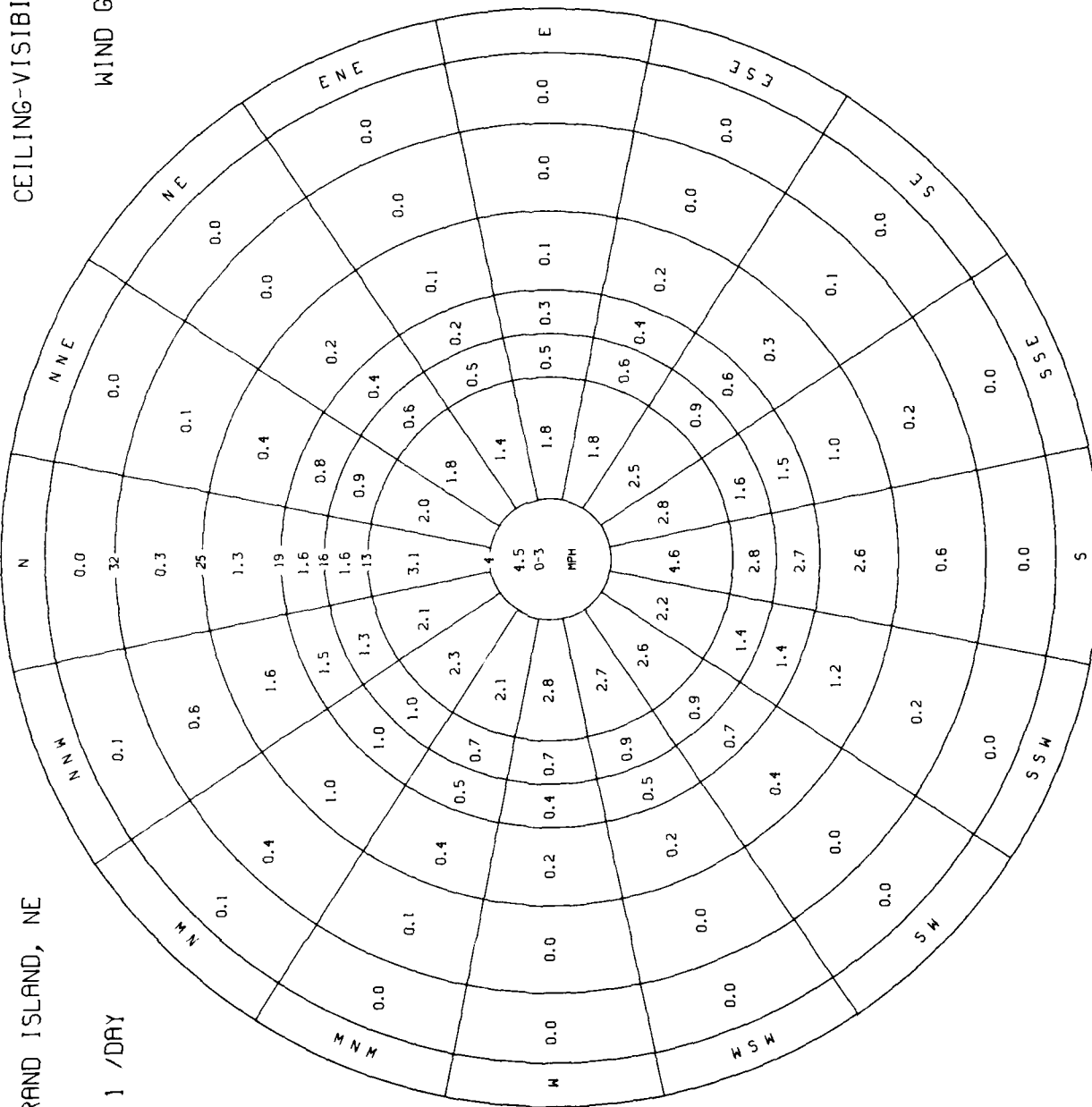
STATION NUMBER:13995

NO. OBS.: 302

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.0	1.3	.1	7.3	.0	2.0	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.1	11.6	9.5
NNE	.0	.0	.0	4.0	.0	.7	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	5.6	11.2
NE	.0	.3	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.3
ENE	.0	.3	.0	3.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.2
E	.0	1.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	1.3	.0	4.0	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.7
SSE	.0	.3	.1	9.6	.0	1.7	.0	1.3	.0	.7	.0	.3	.0	.0	.0	.1	13.9	10.8
S	.0	.7	.1	7.6	.0	1.7	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.1	11.3	9.7
SSW	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.4
SW	.0	1.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
WSW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.5
W	.0	.7	.0	2.6	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	4.0	8.6
WNW	.0	.7	.0	3.3	.0	.7	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	5.3	9.1
NW	.0	.7	.0	3.6	.0	1.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.0	9.3
NNW	.0	.3	.0	6.3	.0	1.0	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.1	10.3	11.3
CALM	.1	7.0														.1	7.0	
TOTAL	.1	16.9	.5	62.6	.1	9.3	.1	7.0	.0	3.6	.0	.0	.0	.0	.0	.7	100	8.7

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 1 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GRI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 14935

NO. OBS.: 43642

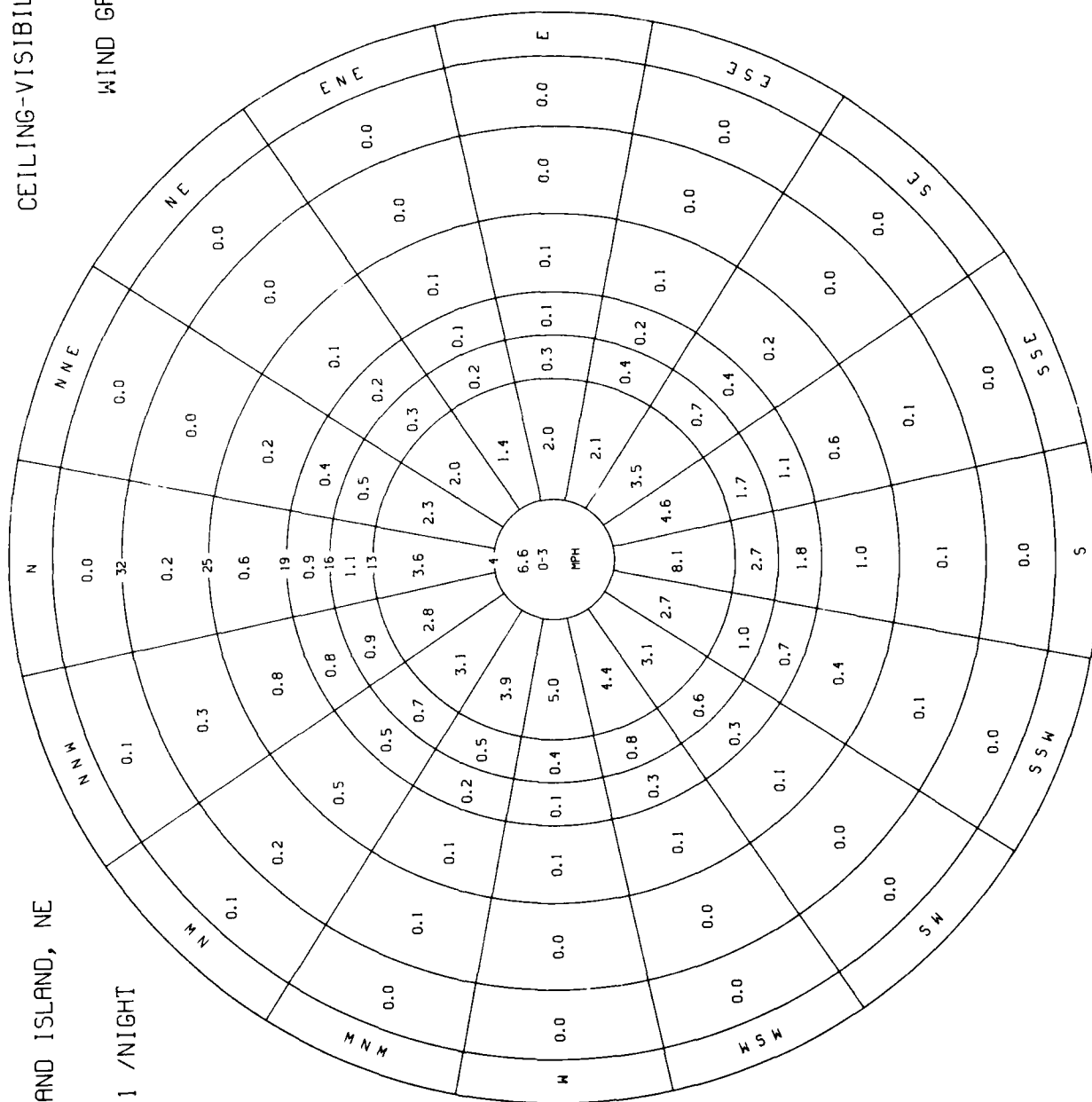
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	.2	3.1	3.5	1.6	1.8	1.6	1.8	1.3	1.4	.3	.4	.0	.0	8.2 9.2
NNE	.1	.2	2.0	2.2	.9	1.0	.8	.8	.4	.5	.1	.1	.0	.0	4.3 4.8
NE	.2	.3	1.8	2.1	.6	.7	.4	.5	.2	.3	.0	.0	.0	.0	3.4 3.9
ENE	.1	.1	1.4	1.6	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	2.4 2.7
E	.2	.2	1.8	2.0	.5	.6	.3	.3	.1	.2	.0	.0	.0	.0	2.9 3.3
ESE	.1	.2	1.8	2.0	.6	.7	.4	.5	.2	.2	.0	.0	.0	.0	3.2 3.6
SE	.2	.2	2.5	2.8	.9	1.1	.6	.7	.3	.4	.1	.1	.0	.0	4.7 5.2
SSE	.2	.2	2.8	3.2	1.6	1.8	1.5	1.6	1.0	1.1	.2	.2	.0	.0	7.3 8.2
S	.2	.2	4.6	5.1	2.8	3.1	2.7	3.0	2.6	2.9	.6	.6	.0	.0	13.5 15.1
SSW	.1	.1	2.2	2.5	1.4	1.5	1.4	1.6	1.2	1.3	.2	.3	.0	.0	6.6 7.4
SW	.2	.2	2.6	2.9	.9	1.0	.7	.7	.4	.4	.0	.0	.0	.0	4.8 5.4
WSW	.2	.2	2.7	3.1	.9	1.0	.5	.5	.2	.2	.0	.0	.0	.0	4.5 5.1
W	.3	.3	2.8	3.1	.7	.7	.4	.4	.2	.2	.0	.1	.0	.0	4.3 4.8
WNW	.2	.2	2.1	2.4	.7	.8	.5	.5	.4	.4	.1	.2	.0	.0	4.0 4.5
NW	.2	.3	2.3	2.6	1.0	1.2	1.0	1.1	1.0	1.1	.4	.5	.1	.1	6.0 6.8
NNW	.2	.2	2.1	2.4	1.3	1.5	1.5	1.7	1.6	1.7	.6	.7	.1	.1	7.4 8.3
CALM	1.5	1.7													1.5 1.7
TOTAL	4.5	5.0	38.6	43.5	17.0	19.1	14.5	16.3	11.2	12.6	2.8	3.2	.4	.4	88.9 100

CEILING-VISIBILITY

WIND GRAPH

GRI GRAND ISLAND, NE

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: GRI GRAND ISLAND, NE

CLASS 1 / NIGHT

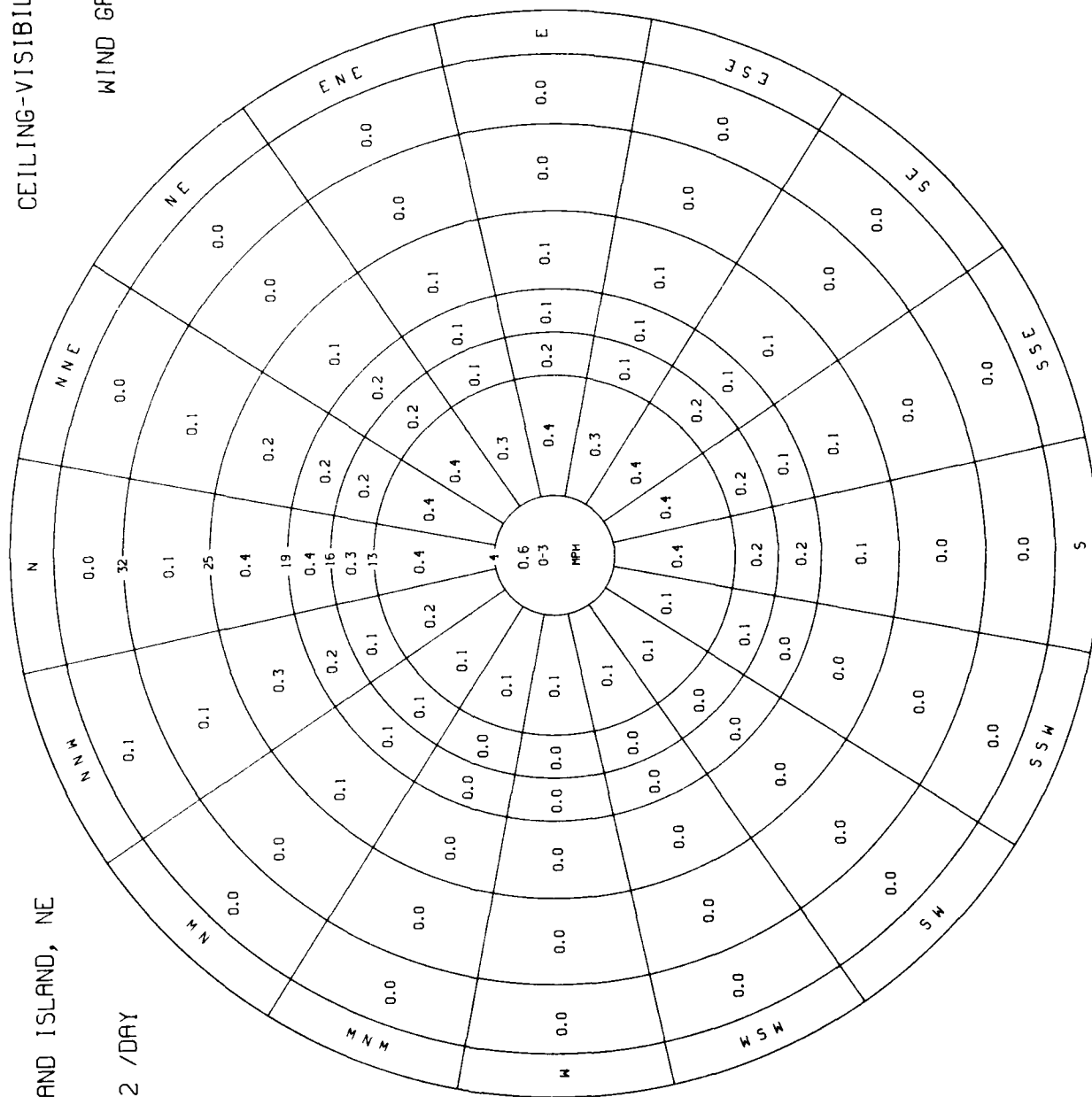
NO. OBS.: 36684

STATION NUMBER: 14935

D I R	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.3	.4	3.6	4.1	1.1	1.2	.9	1.0	.6	.7	.2	.3	.0	.0	6.8	7.6	12.0	
NNE	.2	.3	2.3	2.6	.5	.5	.4	.4	.2	.2	.0	.0	.0	.0	3.6	4.1	10.3	
NE	.3	.4	2.0	2.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.0	3.4	9.0	
ENE	.2	.2	1.4	1.6	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.1	2.3	9.2	
E	.3	.3	2.0	2.2	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.7	3.1	9.0	
ESE	.2	.2	2.1	2.4	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	3.0	3.4	9.8	
SE	.2	.2	3.5	3.9	.7	.8	.4	.4	.2	.2	.0	.0	.0	.0	5.1	5.7	10.2	
SSE	.2	.3	4.6	5.2	1.7	1.9	1.1	1.3	.6	.6	.1	.1	.0	.0	8.3	9.3	11.7	
S	.3	.4	8.1	9.1	2.7	3.0	1.8	2.0	1.0	1.1	.1	.2	.0	.0	14.0	15.8	11.7	
SSW	.2	.2	2.7	3.0	1.0	1.2	.7	.7	.4	.5	.1	.1	.0	.0	5.1	5.7	11.9	
SW	.3	.4	3.1	3.5	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	4.5	5.1	9.5	
WSW	.3	.3	4.4	5.0	.8	.9	.3	.3	.1	.1	.0	.0	.0	.0	5.8	6.5	9.4	
W	.4	.5	5.0	5.6	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	6.0	6.7	8.5	
WNW	.3	.4	3.9	4.4	.5	.6	.2	.2	.1	.2	.1	.1	.0	.0	5.1	5.8	9.6	
NW	.3	.3	3.1	3.5	.7	.8	.5	.6	.5	.5	.2	.2	.1	.1	5.3	6.0	11.6	
NNW	.2	.2	2.8	3.2	.9	1.0	.8	.9	.8	.9	.3	.4	.1	.1	6.0	6.8	13.5	
CALM	2.3	2.5													2.3	2.6		
TOTAL	6.6	7.4	54.5	61.6	12.8	14.4	8.1	9.2	5.0	5.7	1.2	1.4	.2	.2	88.4	100	10.5	

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 2 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GRI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 14935

NO. OBS.: 5424

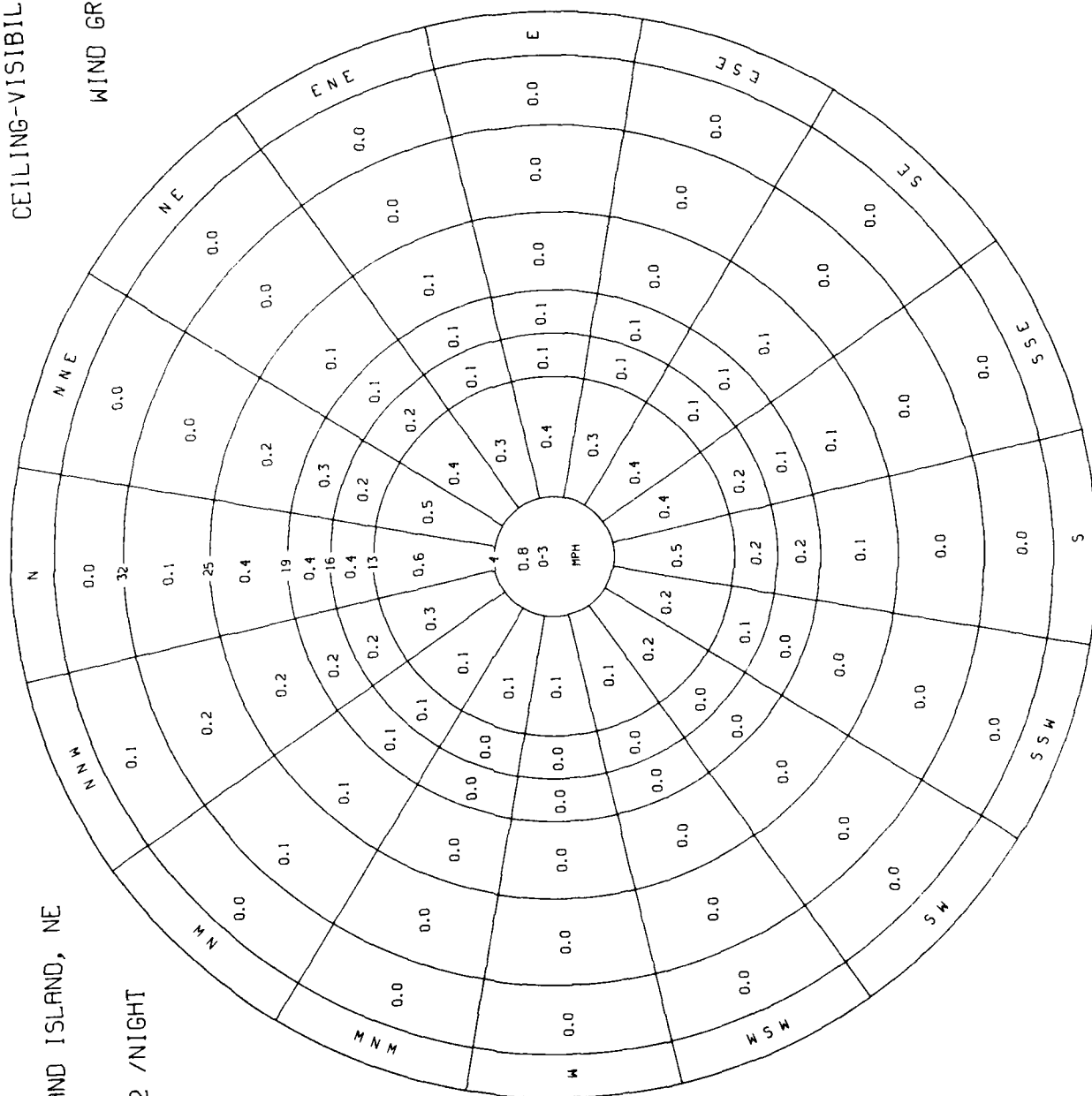
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.4	3.9	.3	2.9	.4	3.5	.4	3.7	.1	1.3	.0	.2	1.7 15.6
NNE	.0	.1	.4	4.1	.2	2.0	.2	2.1	.2	1.7	.1	.5	.0	.1	1.2 10.7
NE	.0	.2	.4	3.5	.2	2.2	.2	1.5	.1	.9	.0	.3	.0	.0	1.0 8.6
ENE	.0	.3	.3	2.7	.1	1.2	.1	.6	.1	.6	.0	.1	.0	.0	.6 5.6
E	.0	.2	.4	3.4	.2	1.4	.1	1.1	.1	.5	.0	.1	.0	.0	.7 6.7
ESE	.0	.1	.3	2.7	.1	1.3	.1	1.1	.1	.7	.0	.0	.0	.0	.7 5.9
SE	.0	.3	.4	3.4	.2	1.5	.1	1.1	.1	.6	.0	.2	.0	.0	.8 7.0
SSE	.0	.1	.4	3.7	.2	1.8	.1	1.1	.1	.7	.0	.2	.0	.0	.8 7.7
S	.0	.2	.4	3.9	.2	1.7	.2	1.4	.1	.8	.0	.2	.0	.1	.9 8.3
SSW	.0	.1	.1	1.3	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.3 2.6
SW	.0	.1	.1	1.2	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2 2.0
WSW	.0	.2	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.5
W	.0	.1	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.4
WNW	.0	.0	.1	.8	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.2 1.5
NW	.0	.3	.1	1.2	.1	.5	.1	.5	.1	.5	.0	.4	.0	.4	.4 4.0
NNW	.0	.1	.2	2.2	.1	1.1	.2	1.6	.3	2.4	.1	.9	.1	.5	1.0 8.8
CALM	.2	2.0													.2 2.0
TOTAL	.6	5.0	4.4	39.8	2.1	19.1	1.8	16.4	1.5	13.6	.5	4.5	.2	1.7	11.1 100 13.8

CEILING-VISIBILITY

WIND GRAPH

GRI GRAND ISLAND, NE

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: GAI GRAND ISLAND, NE

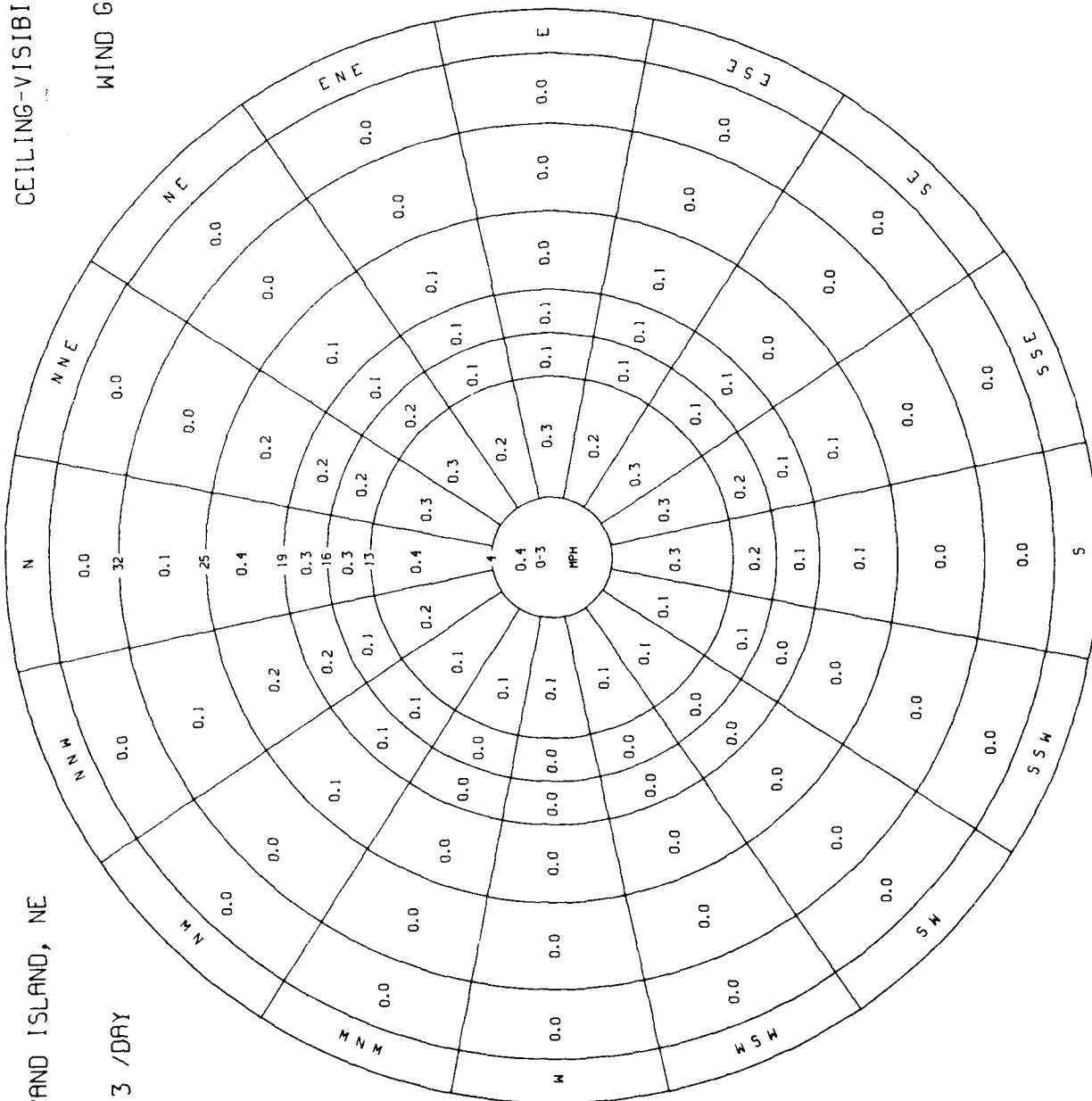
CLASS 2 / NIGHT

NO. OBS.: 4812

STATION NUMBER: 14935

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.6	4.8	.4	3.4	.4	3.8	.4	3.5	.1	1.1	.0	.3	2.0	17.5	15.8
NNE	.0	.2	.5	3.9	.2	2.0	.3	2.4	.2	1.5	.0	.4	.0	.1	1.2	10.5	14.1
N E	.0	.4	.4	3.2	.2	1.6	.1	1.3	.1	.6	.0	.1	.0	.1	.9	7.3	12.8
ENE	.0	.2	.3	2.6	.1	1.1	.1	.4	.1	.6	.0	.1	.0	.0	.6	4.9	12.2
E	.0	.2	.4	3.1	.1	1.0	.1	.7	.0	.3	.0	.1	.0	.0	.6	5.4	11.3
ESE	.0	.3	.3	2.6	.1	.8	.1	1.0	.0	.4	.0	.0	.0	.0	.6	5.2	11.6
SE	.0	.4	.4	3.2	.1	1.0	.1	.7	.1	.5	.0	.1	.0	.0	.7	5.9	11.5
SSE	.0	.1	.4	3.4	.2	1.4	.1	1.1	.1	.5	.0	.1	.0	.0	.8	6.7	12.3
S	.0	.3	.5	4.2	.2	1.9	.2	1.3	.1	.7	.0	.1	.0	.0	1.0	8.5	12.3
SSW	.0	.1	.2	1.8	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.1	11.3
SW	.0	.2	.2	1.4	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.2	9.1
WSW	.0	.2	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	.2	1.5	9.6
W	.0	.3	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	7.6
WNW	.0	.2	.1	1.0	.0	.2	.0	.1	.0	.2	.0	.1	.0	.0	.2	1.8	11.4
NW	.0	.3	.1	1.3	.1	.5	.1	.9	.1	.7	.1	.6	.0	.2	.5	4.5	16.3
NNW	.0	.2	.3	2.4	.2	1.4	.2	2.1	.2	2.1	.2	1.4	.1	.7	1.2	10.3	18.2
CALM	.3	2.8													.3	2.8	
TOTAL	.8	7.0	4.8	41.1	2.1	17.9	1.9	16.6	1.3	11.6	.5	4.2	.2	1.7	11.6	100	13.2

CEILING-VISIBILITY
WIND GRAPH



SEMI-ANNUAL WIND TABULATIONS

ANNUAL

STATION NAME: SAN JUAN ISLAND

PERIOD: 1948-1978

STATION NUMBER: 1492

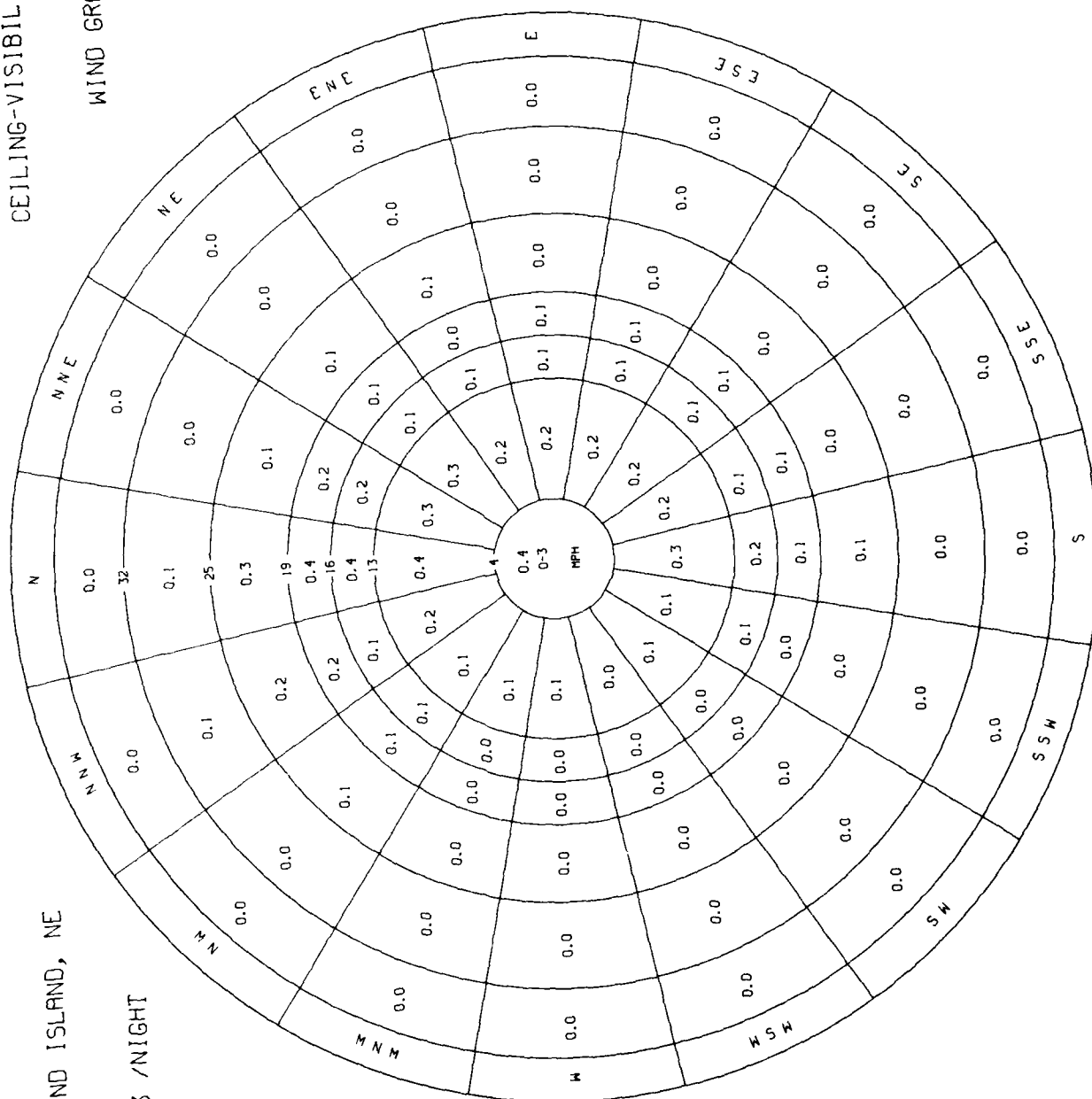
NO. OBS.: 4289

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.4	4.0	.3	3.3	.3	3.9	.4	4.1	.1	1.0	.0	.1	1.4 16.6
NNE	.0	.2	.3	3.9	.2	2.2	.2	2.4	.2	1.8	.0	.4	.0	.1	1.0 10.9
NENE	.0	.1	.3	3.1	.2	2.2	.1	1.5	.1	.8	.0	.3	.0	.0	.7 8.1
ENE	.0	.2	.2	2.3	.1	1.2	.1	.6	.1	.7	.0	.1	.0	.0	.5 5.2
E	.0	.2	.3	3.3	.1	1.3	.1	1.0	.0	.5	.0	.1	.0	.0	.6 6.5
ESE	.0	.1	.2	2.5	.1	1.2	.1	.9	.1	.7	.0	.0	.0	.0	.5 5.5
SE	.0	.4	.3	3.0	.1	1.5	.1	1.0	.0	.5	.0	.2	.0	.0	.6 6.7
SSE	.0	.1	.3	3.5	.2	2.0	.1	1.3	.1	.8	.0	.2	.0	.0	.7 7.9
S	.0	.2	.3	3.8	.2	1.8	.1	1.7	.1	.9	.0	.2	.0	.1	.8 8.7
SSW	.0	.1	.1	1.2	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.2 2.7
SW	.0	.1	.1	1.2	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2 2.1
WSW	.0	.2	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.4
W	.0	.1	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.3
WNW	.0	.0	.1	.8	.0	.2	.0	.1	.0	.2	.0	.1	.0	.1	.1 1.5
NW	.0	.3	.1	1.3	.1	.6	.1	.7	.1	.6	.0	.3	.0	.2	.3 4.0
NNW	.0	.2	.2	2.4	.1	1.4	.2	1.9	.2	2.5	.1	.8	.0	.3	.8 9.5
CALM	.1	1.5													.1 1.5
TOTAL	.4	4.3	3.3	38.1	1.8	20.5	1.5	17.6	1.3	14.5	.3	3.9	.1	1.1	8.7 100

WIND GRAPH

GRI GRAND ISLAND, NE

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GRI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS 3 / NIGHT

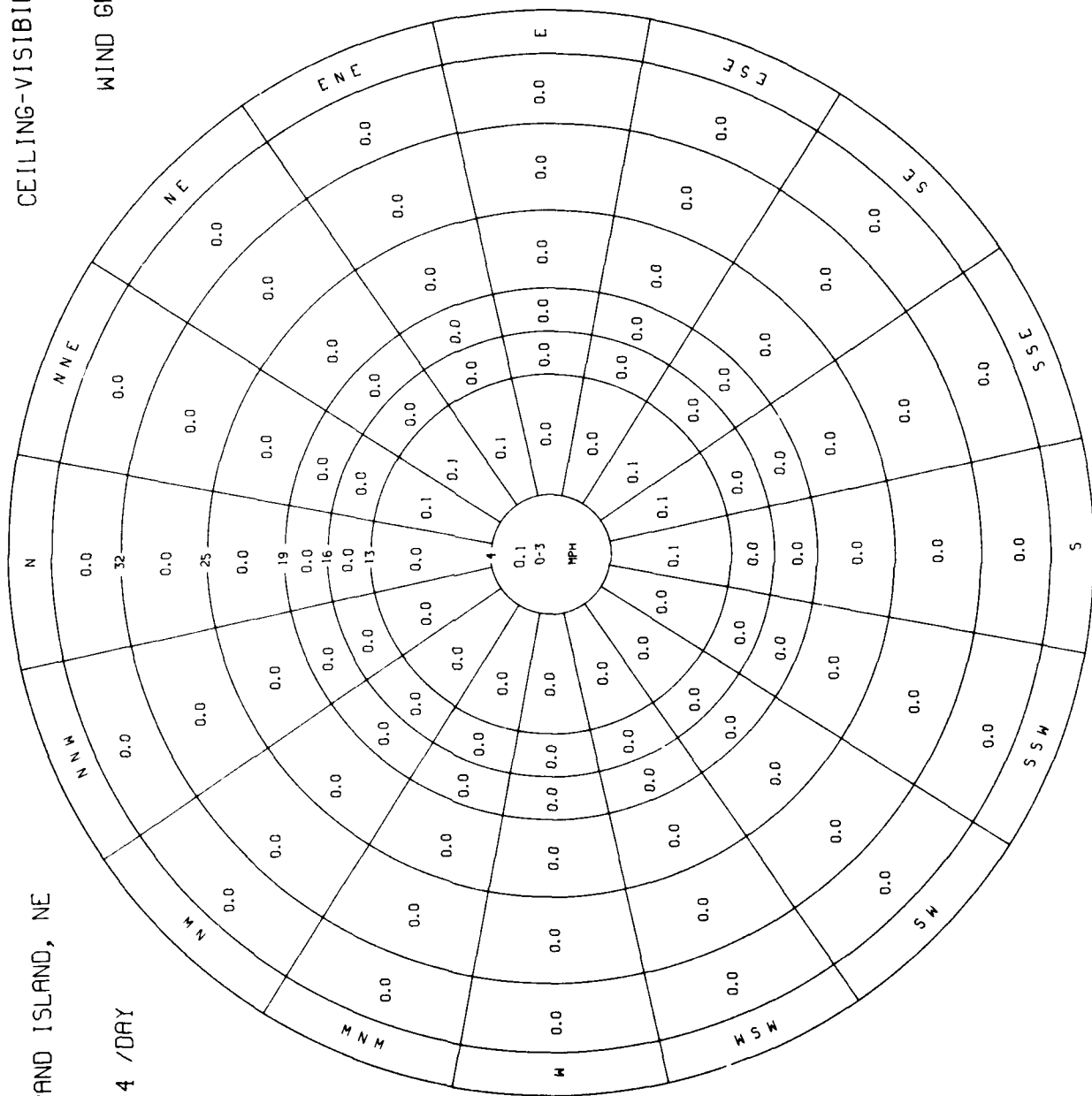
STATION NUMBER: 14935

NO. OBS.: 3457

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.4	.4	5.1	.4	4.3	.4	4.7	.3	4.2	.1	1.1	.0	.1	1.6	19.8	15.7
NNE	.0	.2	.3	3.8	.2	2.1	.2	2.6	.1	1.5	.0	.5	.0	.1	.9	10.9	14.4
NE	.0	.3	.3	3.2	.1	1.6	.1	1.3	.1	.6	.0	.2	.0	.1	.6	7.3	13.1
ENE	.0	.2	.2	2.5	.1	1.2	.0	.4	.1	.7	.0	.1	.0	.1	.4	5.1	12.6
E	.0	.1	.2	2.7	.1	1.2	.1	.7	.0	.3	.0	.1	.0	.0	.4	5.1	11.9
ESE	.0	.3	.2	2.2	.1	.8	.1	1.1	.0	.4	.0	.0	.0	.0	.4	4.9	12.2
SE	.0	.3	.2	2.7	.1	.9	.1	.8	.0	.5	.0	.1	.0	.0	.5	5.4	12.0
SSE	.0	.0	.2	2.9	.1	1.4	.1	1.3	.0	.6	.0	.1	.0	.0	.5	6.3	13.2
S	.0	.3	.3	3.5	.2	2.0	.1	1.4	.1	.8	.0	.1	.0	.0	.7	8.1	13.1
SSW	.0	.1	.1	1.6	.1	.8	.0	.4	.0	.1	.0	.1	.0	.0	.3	3.0	12.2
SW	.0	.1	.1	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.9	10.0
WSW	.0	.1	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.8	8.9
W	.0	.2	.1	.9	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.3	8.4
WNW	.0	.2	.1	1.1	.0	.3	.0	.2	.0	.2	.0	.1	.0	.1	.2	2.1	12.0
NW	.0	.2	.1	1.4	.1	.7	.1	1.2	.1	.9	.0	.5	.0	.2	.4	5.1	16.3
NNW	.0	.2	.2	2.4	.1	1.7	.2	2.7	.2	2.5	.1	1.2	.0	.4	.9	11.0	17.5
CALM	.1	1.7													.1	1.7	
TOTAL	.4	4.9	3.1	37.6	1.6	19.7	1.6	19.1	1.1	13.4	.3	4.2	.1	1.1	8.3	100	13.8

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GRI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS 4 / DAY

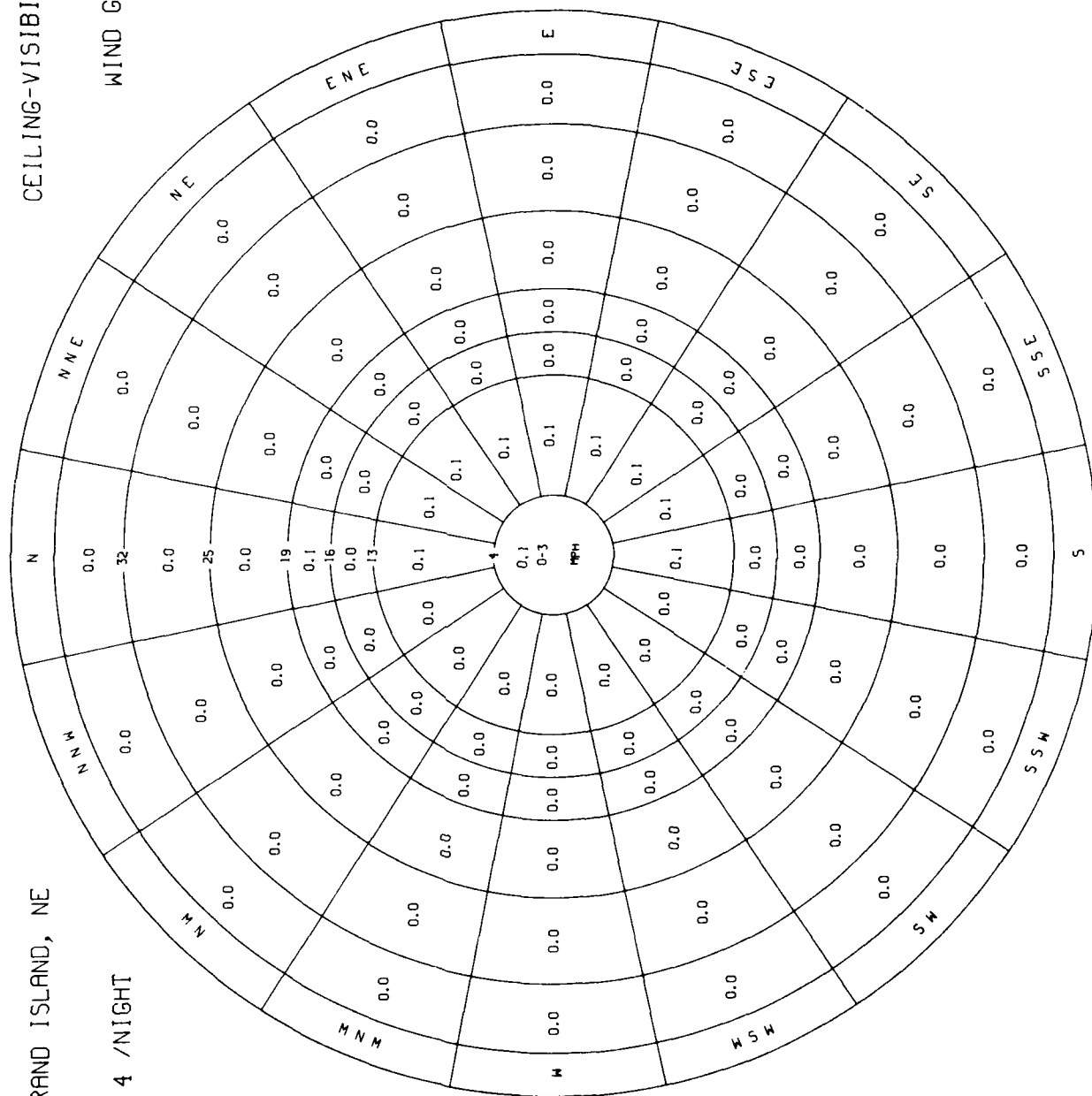
STATION NUMBER: 14935

NO. OBS.: 709

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.1	.0	2.5	.0	1.8	.0	2.8	.0	3.2	.0	2.0	.0	.1	.2	12.7	17.8
NNE	.0	.0	.1	5.2	.0	2.1	.0	1.3	.0	1.8	.0	1.0	.0	.1	.2	11.6	14.6
NE	.0	.6	.1	3.8	.0	2.5	.0	1.7	.0	2.0	.0	.4	.0	.0	.2	11.0	14.0
ENE	.0	.6	.1	3.9	.0	1.1	.0	.8	.0	.6	.0	.3	.0	.1	.1	7.5	12.3
E	.0	.4	.0	3.4	.0	1.7	.0	2.0	.0	.7	.0	.1	.0	.0	.1	8.3	12.8
ESE	.0	.3	.0	3.2	.0	1.8	.0	2.1	.0	.6	.0	.0	.0	.0	.1	8.0	12.8
SE	.0	.1	.1	5.2	.0	1.8	.0	1.0	.0	.8	.0	.1	.0	.0	.1	9.2	12.2
SSE	.0	.1	.1	4.1	.0	1.0	.0	.7	.0	.7	.0	.1	.0	.0	.1	6.8	12.0
S	.0	.1	.1	3.8	.0	1.1	.0	.7	.0	.3	.0	.3	.0	.1	.1	6.5	12.0
SSW	.0	.1	.0	1.6	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	10.8
SW	.0	.1	.0	1.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.8	10.0
WSW	.0	.0	.0	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	9.7
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.8
WNW	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.8	15.7
NW	.0	.3	.0	1.1	.0	.3	.0	.0	.0	.1	.0	.7	.0	.6	.0	3.1	19.1
NNW	.0	.0	.0	1.3	.0	.4	.0	.6	.0	2.5	.0	1.3	.0	.1	.1	6.2	19.6
CALM	.0	2.0													.0	2.0	
TOTAL	.1	4.9	.6	42.6	.2	16.8	.2	14.2	.2	13.5	.1	6.6	.0	1.3	1.4	100	13.8

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GRI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 14935

NO. OBS.: 747

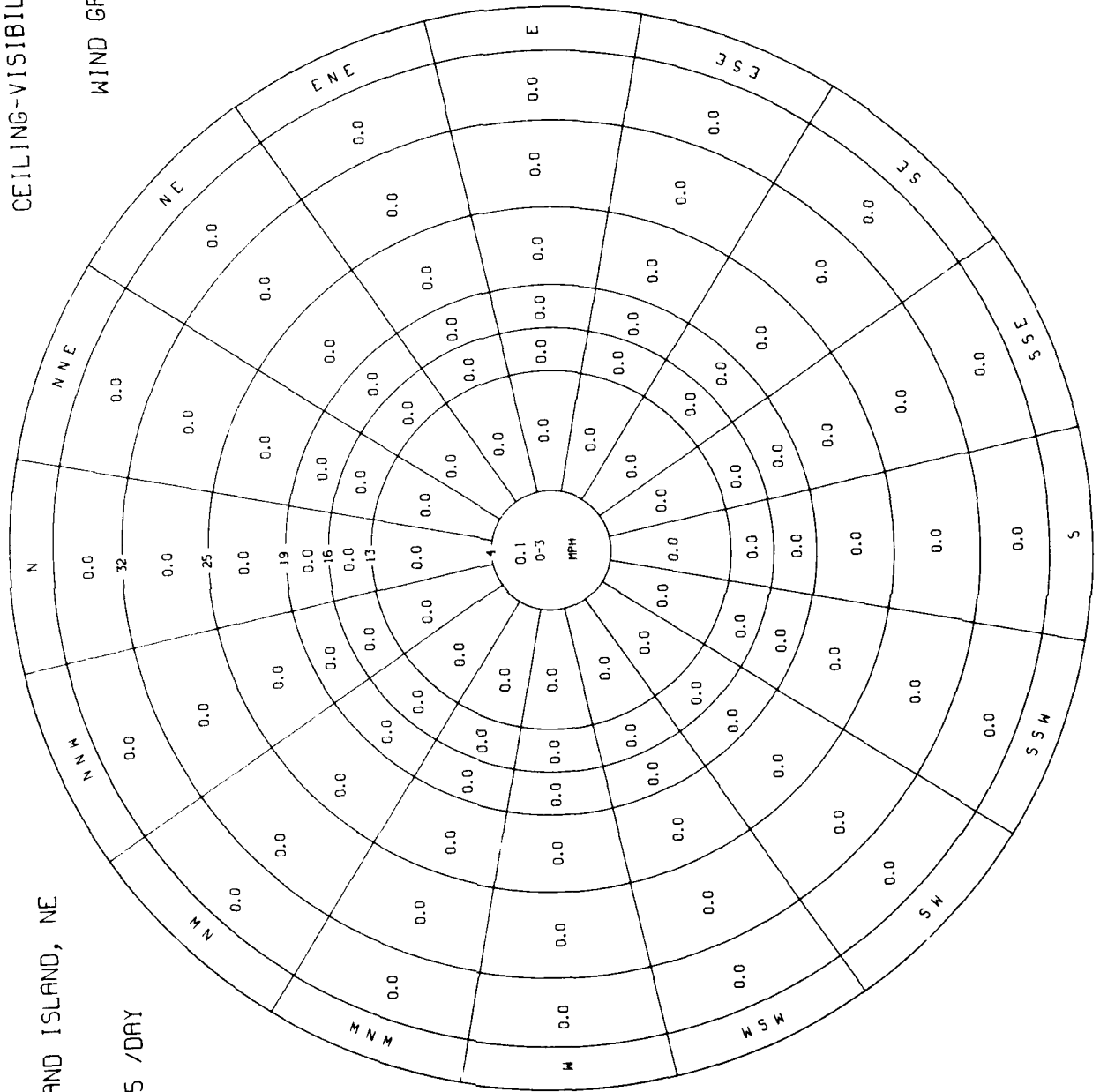
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.7	.1	5.0	.0	2.3	.1	2.8	.0	2.4	.0	.8	.0	.4	.3	14.3	14.7
NNE	.0	.1	.1	4.1	.0	1.9	.0	2.3	.0	1.9	.0	.1	.0	.0	.2	10.4	14.0
NE	.0	.4	.1	3.2	.0	2.7	.0	1.7	.0	.7	.0	.1	.0	.0	.2	8.8	12.8
ENE	.0	.0	.1	2.8	.0	.8	.0	.9	.0	.5	.0	.0	.0	.0	.1	5.1	12.6
E	.0	.5	.1	3.7	.0	1.2	.0	.9	.0	.1	.0	.0	.0	.1	.1	6.7	11.2
ESE	.0	.4	.1	3.6	.0	1.2	.0	1.2	.0	.3	.0	.1	.0	.0	.1	6.8	11.4
SE	.0	.5	.1	3.7	.0	1.1	.0	1.1	.0	.7	.0	.1	.0	.1	.1	7.4	12.0
SSE	.0	.1	.1	4.1	.0	1.5	.0	.8	.0	.1	.0	.0	.0	.0	.1	6.7	11.2
S	.0	.3	.1	5.8	.0	1.6	.0	1.2	.0	.5	.0	.0	.0	.0	.2	9.4	11.3
SSW	.0	.3	.0	2.3	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.1	3.1	9.5
SW	.0	.1	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	8.9
WSW	.0	.3	.0	.8	.0	.3	.0	.3	.0	.1	.0	.0	.0	.3	.0	2.0	14.0
W	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
WNW	.0	.3	.0	.5	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	1.1	10.8
NW	.0	.3	.0	.9	.0	.3	.0	.3	.0	.7	.0	1.1	.0	.0	.1	3.5	17.6
NNW	.0	.1	.0	2.0	.0	.8	.0	1.1	.0	1.3	.0	1.9	.0	.8	.1	8.0	19.7
CALM	.0	2.4													.0	2.4	
TOTAL	1	7.2	.8	45.8	.3	16.6	.3	14.6	.2	9.6	.1	4.4	.0	1.7	.8	100	12.8

CEILING-VISIBILITY

WIND GRAPH

GRI GRAND ISLAND, NE

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: GRI GRAND ISLAND, NE

CLASS 5 / DAY

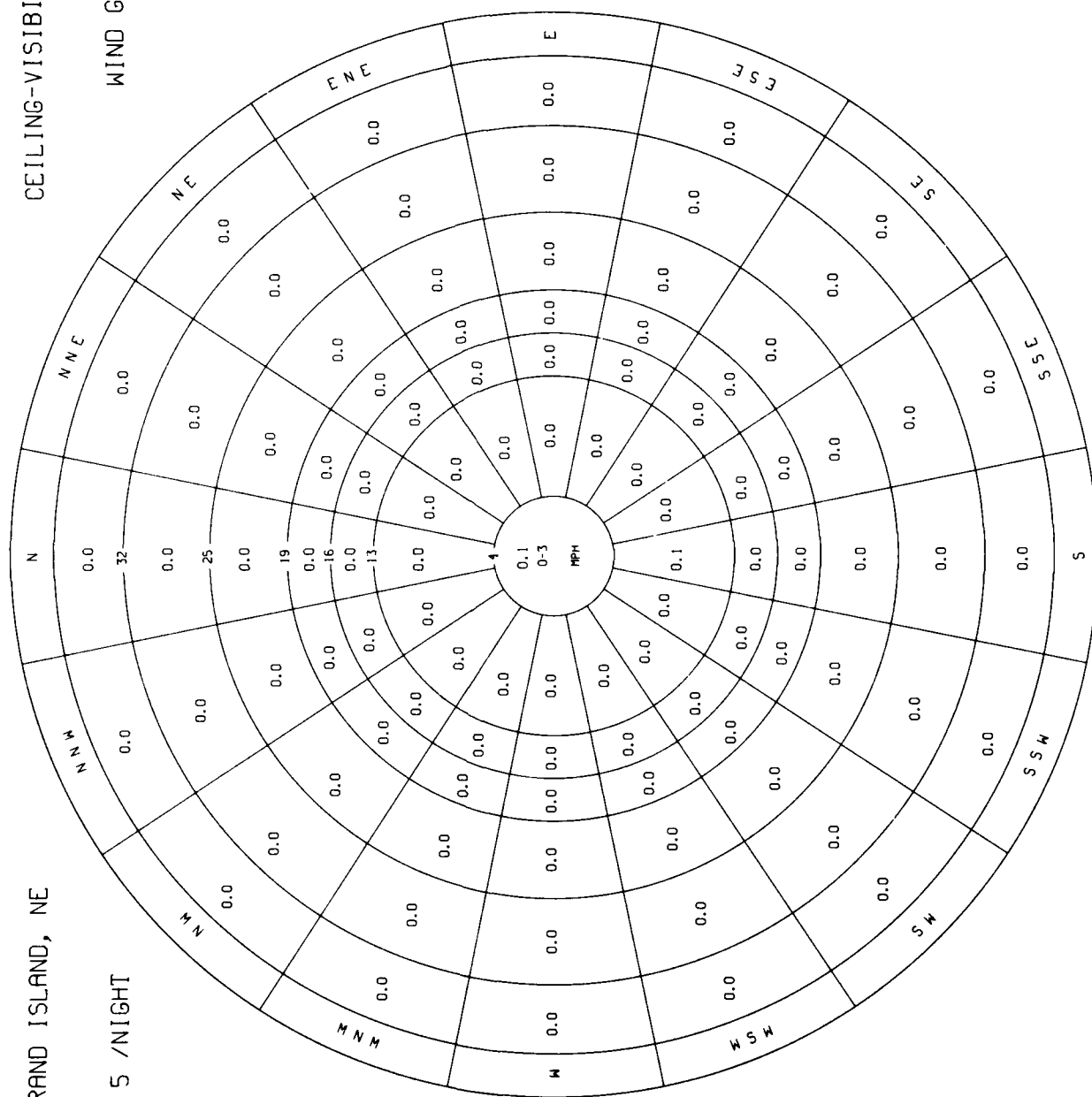
NO. OBS.: 261

STATION NUMBER: 14935

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.0	3.8	.0	.4	.0	.8	.0	2.3	.0	2.7	.0	1.1	.1 11.5
NNE	.0	.0	.0	5.0	.0	.4	.0	.8	.0	1.1	.0	.4	.0	.4	.0 8.0
NE	.0	1.1	.0	6.9	.0	1.9	.0	1.9	.0	.4	.0	.0	.0	.0	.1 12.3
ENE	.0	.0	.0	3.8	.0	1.5	.0	.4	.0	.8	.0	.0	.0	.0	.0 6.5
E	.0	.0	.0	3.4	.0	1.5	.0	.8	.0	.4	.0	.4	.0	.0	.0 6.5
ESE	.0	.4	.0	2.3	.0	1.5	.0	1.1	.0	.4	.0	.0	.0	.0	.0 5.7
SE	.0	.0	.0	5.0	.0	.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0 7.7
SSE	.0	.0	.0	6.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.3
S	.0	.0	.0	3.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
SSW	.0	.4	.0	1.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0 1.9
SW	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.8	.0	.4	.0 2.7
WSW	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
W	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
WNW	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.8	.0	.4	.0 3.1
NW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0	2.3	.0 4.2
NNW	.0	.0	.0	1.5	.0	.0	.0	.4	.0	.4	.0	1.9	.0	1.9	.0 6.1
CALM	.0	6.1													.0 6.1
TOTAL	.1	10.0	.3	50.2	.1	11.5	.0	8.4	.0	5.7	.0	7.7	.0	6.5	.5 100

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: GRI GRAND ISLAND, NE

CLASS 5 / NIGHT

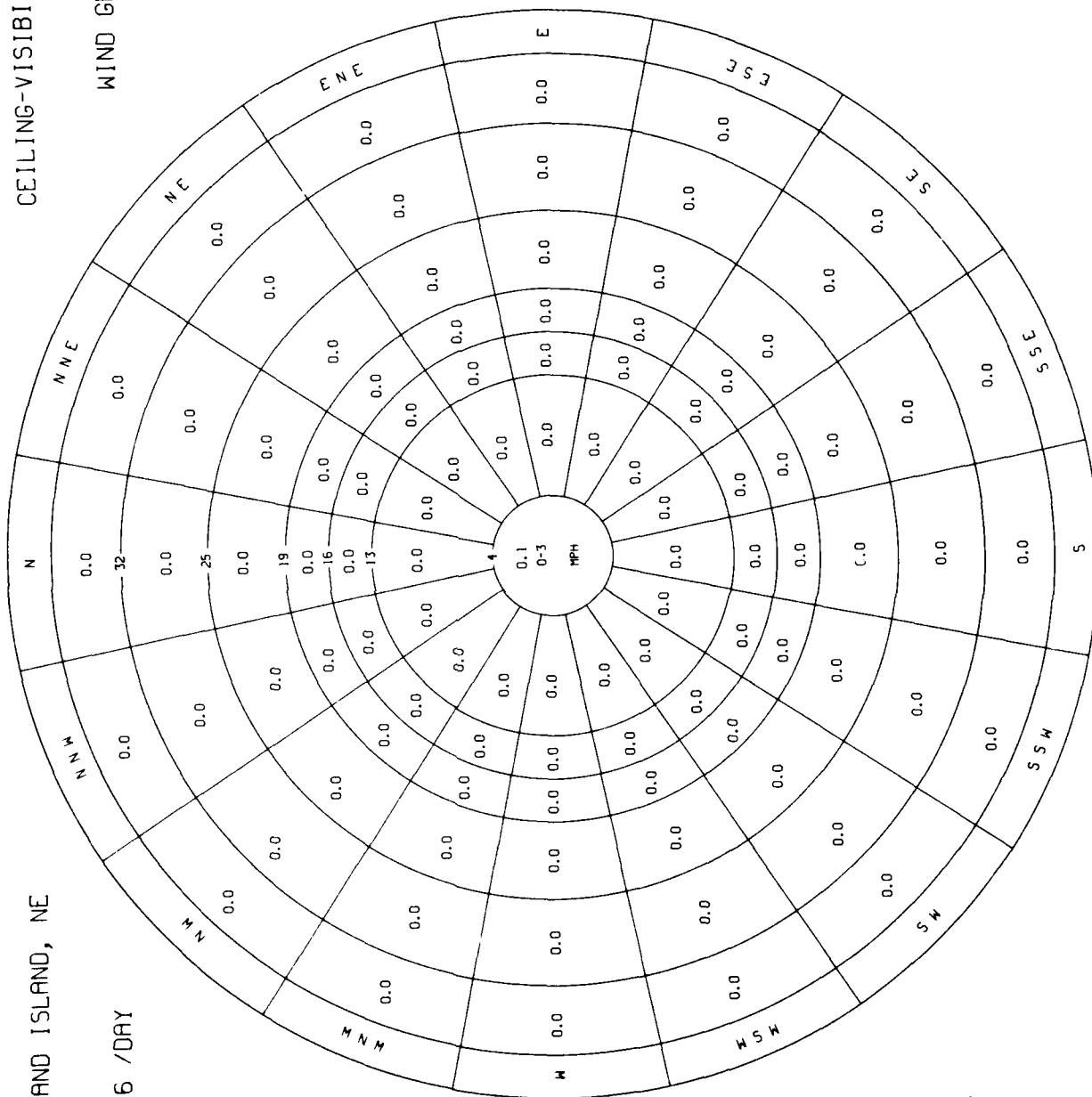
NO. OBS.: 340

STATION NUMBER: 14935

O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.0	2.4	.0	.0	.0	.3	.0	2.1	.0	1.8	.0	.6	.1 7.4
NNE	.0	.0	.0	4.1	.0	1.5	.0	2.1	.0	1.5	.0	.3	.0	.0	.1 9.4
NE	.0	.6	.0	3.2	.0	.6	.0	1.2	.0	.3	.0	.0	.0	.0	.0 5.9
ENE	.0	.3	.0	3.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
E	.0	.0	.0	5.0	.0	.0	.0	.6	.0	.3	.0	.0	.0	.0	.0 5.9
ESE	.0	.0	.0	4.1	.0	.3	.0	.3	.0	.6	.0	.0	.0	.0	.0 5.3
SE	.0	.9	.0	5.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.6
SSE	.0	.0	.0	5.9	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.1 8.5
S	.0	.3	.1	8.8	.0	2.4	.0	.9	.0	.0	.0	.0	.0	.0	.1 12.4
SSW	.0	.6	.0	1.8	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0 3.5
SW	.0	.9	.0	2.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
WSW	.0	.3	.0	3.8	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0 5.3
W	.0	.6	.0	2.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
WNW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NW	.0	1.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0 3.2
NNW	.0	.6	.0	2.6	.0	.3	.0	.0	.0	1.8	.0	1.8	.0	.3	.1 7.4
CALM	.0	5.0													.0 5.0
TOTAL	.1	11.5	.5	58.5	.1	11.2	.1	7.1	.1	6.5	.0	3.8	.0	1.5	.8 10.7

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GRI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS 6 / DAY

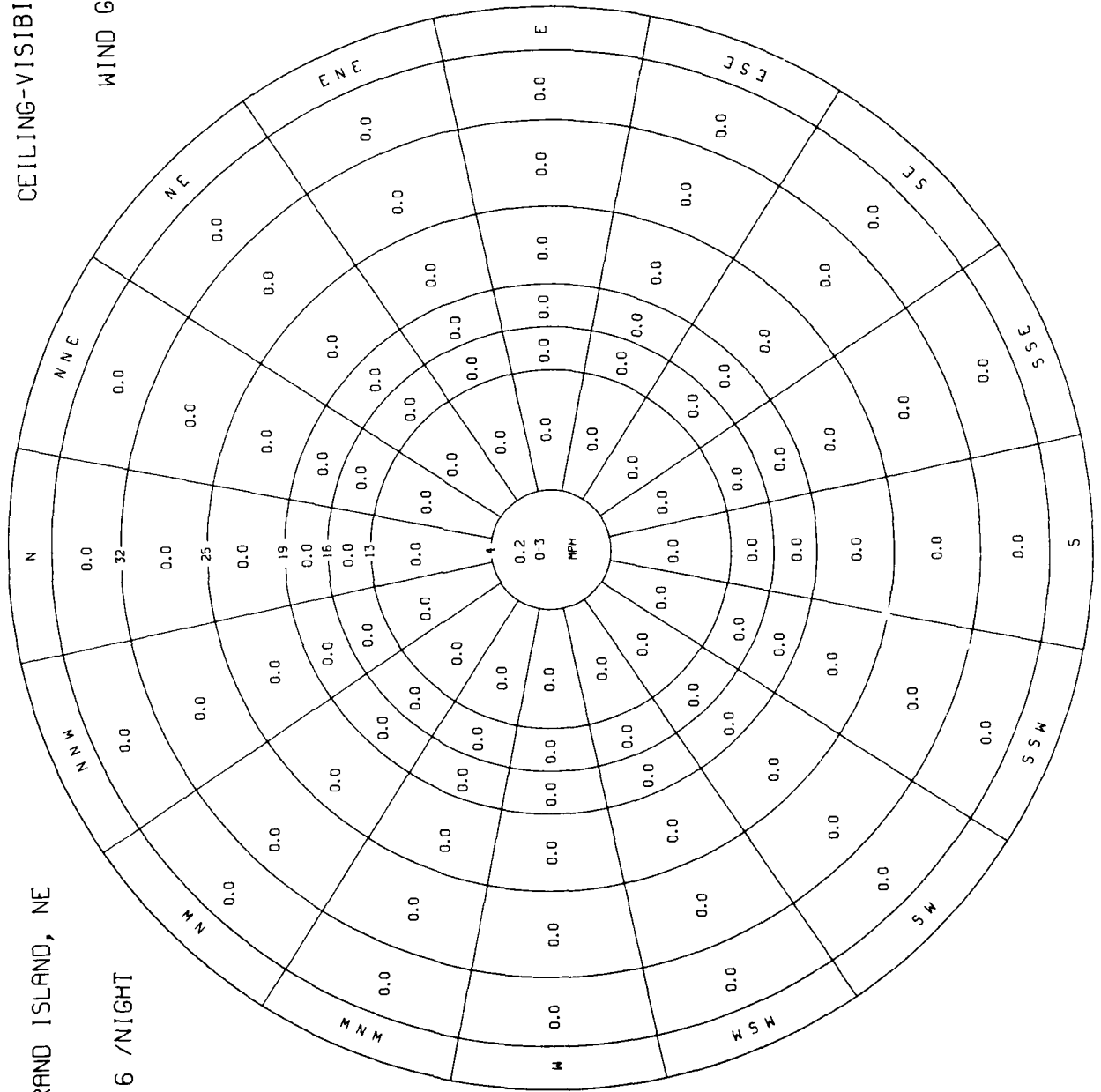
STATION NUMBER: 14935

NO. OBS.: 165

C I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+				TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	.6	.0	6.1	.0	.6	.0	.0	.0	.0	.0	.0	2.4	.0	.6	.0	10.3	14.3
NNE	.0	.6	.0	2.4	.0	.0	.0	.6	.0	.0	.0	.6	.0	.6	.0	4.8	14.6	
NE	.0	.0	.0	6.1	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	7.3	10.2	
ENE	.0	.6	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.8	
E	.0	.6	.0	6.1	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	7.9	8.3	
ESE	.0	.6	.0	5.5	.0	.0	.0	.6	.0	1.2	.0	.0	.0	.0	.0	7.9	9.6	
SE	.0	.6	.0	3.0	.0	.0	.0	1.2	.0	.6	.0	.0	.0	.0	.0	5.5	11.8	
SSE	.0	.0	.0	5.5	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	7.3	9.8	
S	.0	.6	.0	6.7	.0	1.8	.0	.6	.0	.6	.0	.0	.0	.0	.0	10.3	10.1	
SSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0	
SW	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.7	
WSW	.0	.6	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0	
W	.0	.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2	
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	9.0	
NW	.0	.6	.0	.6	.0	.6	.0	.0	.0	.6	.0	1.2	.0	3.0	.0	6.7	28.1	
NNW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.2	.0	4.8	.0	8.5	29.4	
CALM	.0	8.5													.0	8.5		
TOTAL	.1	15.8	.2	55.8	.0	4.8	.0	6.1	.0	3.0	.0	5.5	.0	9.1	.3	100	12.1	

CEILING-VISIBILITY

WIND GRAPH



GRI GRAND ISLAND, NE

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GPI GRAND ISLAND, NE

PERIOD: 1948-1978

CLASS E / NIGHT

STATION NUMBER: 14935

NO. OBS.: 268

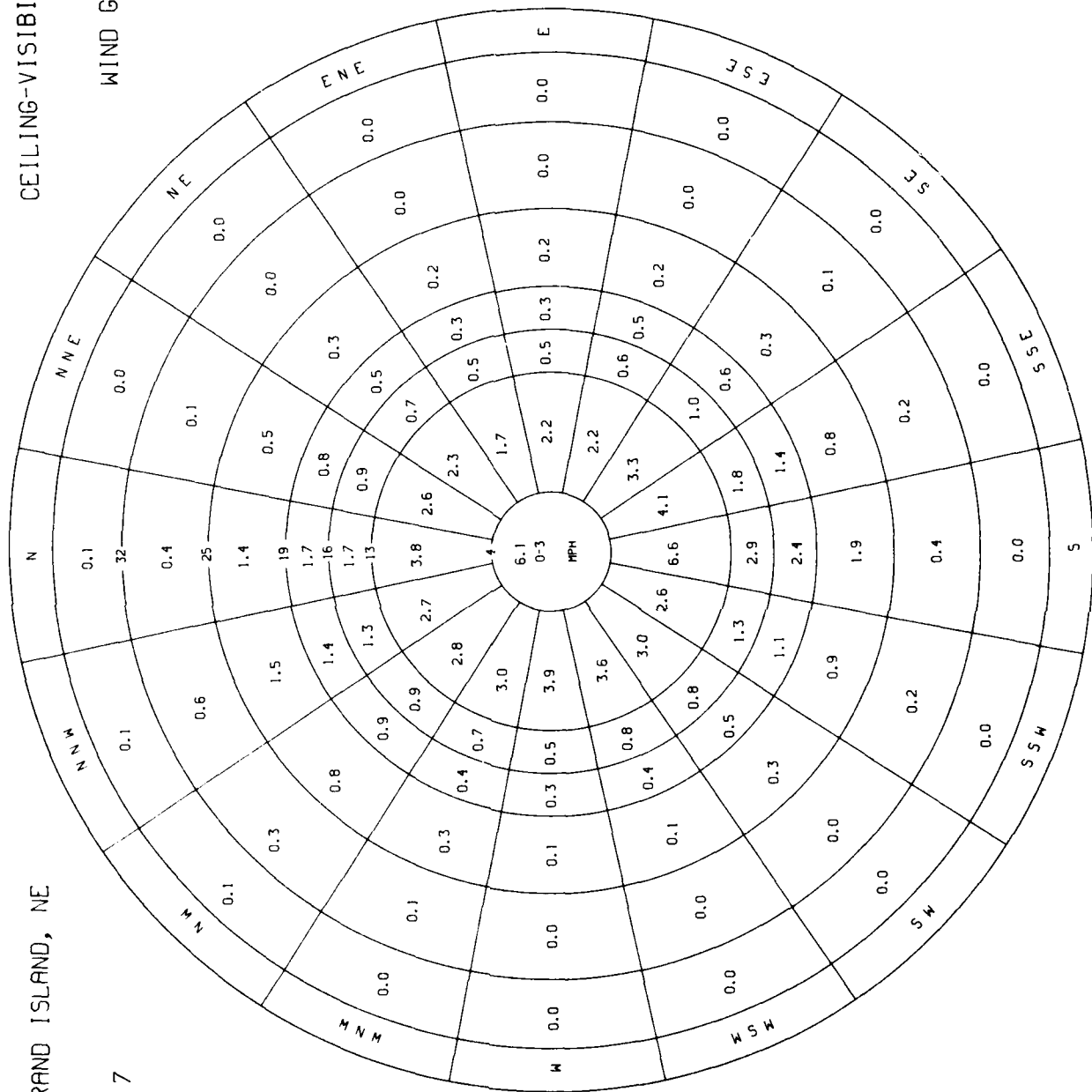
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.4	.0	4.5	.0	.0	.0	.0	.0	.4	.0	1.1	.0	2.6	.1	9.0	19.0
NNE	.0	1.1	.0	4.5	.0	.4	.0	.7	.0	.4	.0	.0	.0	.0	.0	7.1	8.8
NE	.0	.7	.0	3.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.1
ENE	.0	.4	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.3
E	.0	1.1	.0	3.7	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.6	7.1
ESE	.0	.7	.0	3.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.3
SE	.0	.4	.0	5.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.1
SSE	.0	1.5	.0	6.0	.0	.7	.0	.0	.0	.4	.0	.0	.0	.0	.1	8.6	8.2
S	.0	1.1	.0	4.1	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	6.7	8.4
SSW	.0	.0	.0	3.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.1
SW	.0	.7	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.2
WSW	.0	1.5	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
W	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.6
WNW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	20.7
NNW	.0	.4	.0	3.7	.0	.4	.0	.0	.0	.0	.0	2.2	.0	5.2	.1	11.9	25.3
CALM	.1	14.6													.1	14.6	
TOTAL	.2	27.2	.3	51.5	.0	6.3	.0	1.9	.0	1.1	.0	3.4	.1	8.6	.6	100	9.8

CEILING-VISIBILITY

WIND GRAPH

GRI GRAND ISLAND, NE

CLASS 7

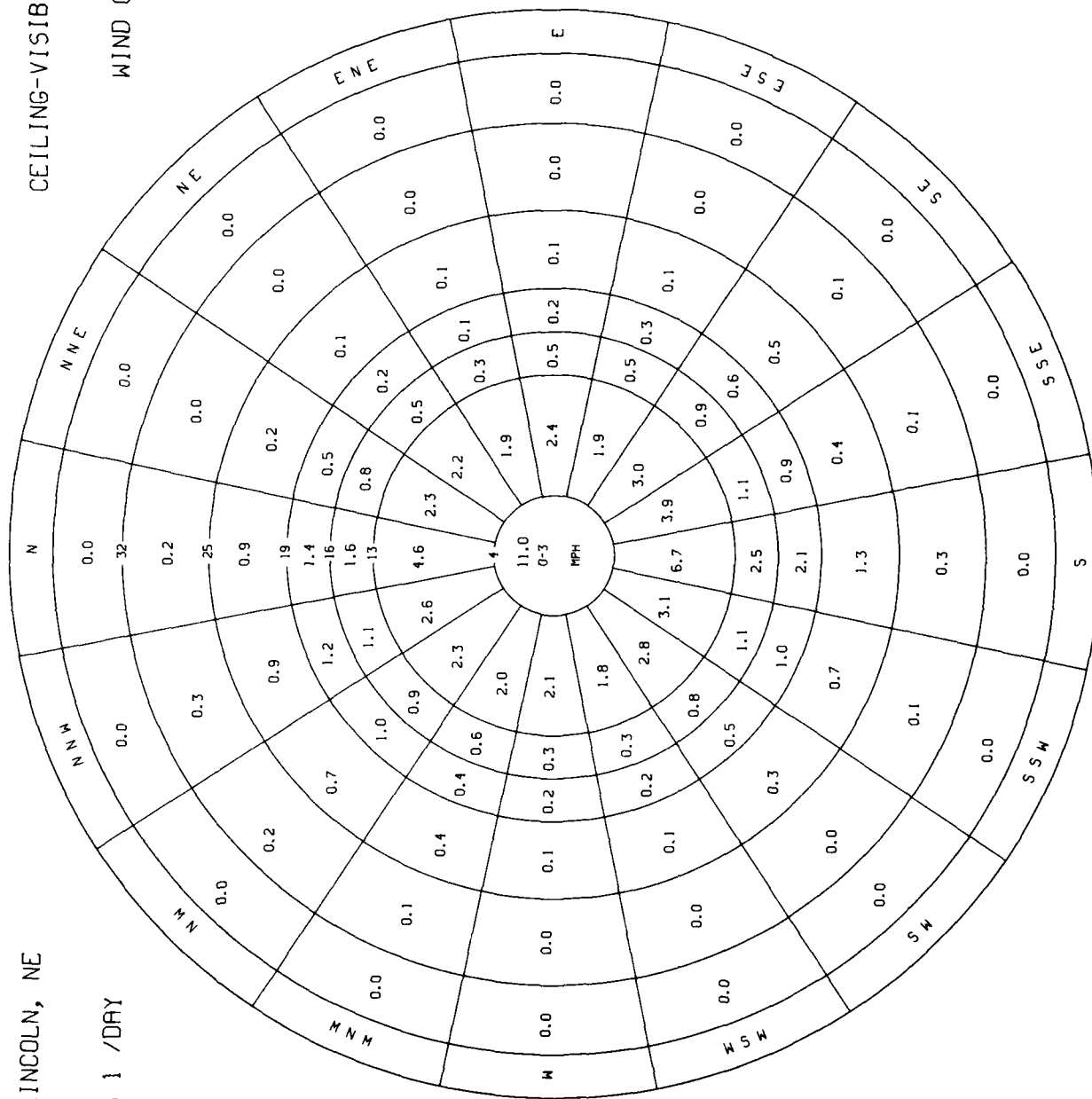


CEILING-VISIBILITY

WIND GRAPH

LNK LINCOLN, NE

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LNK LINCOLN, NE

CLASS 1 / DAY

NO. OBS.: 26481

STATION NUMBER: 14939

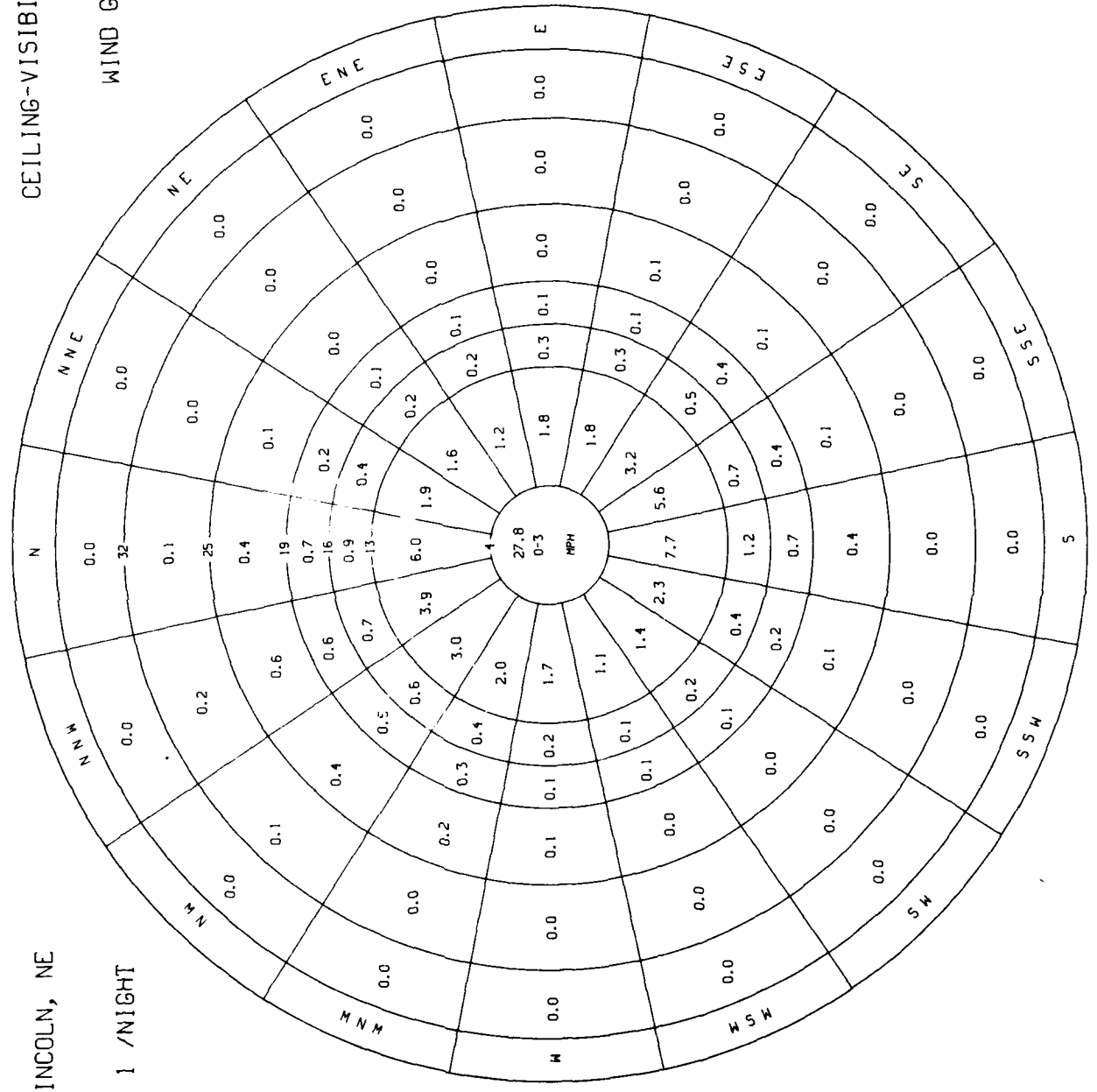
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.6	.7	4.6	5.2	1.6	1.7	1.4	1.6	.9	1.0	.2	.2	.0	.0	9.3	10.3	11.8
NNE	.3	.3	2.3	2.5	.8	.9	.5	.6	.2	.2	.0	.0	.0	.0	4.0	4.5	10.9
NE	.3	.4	2.2	2.4	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.3	3.6	9.6
ENE	.2	.3	1.9	2.1	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	2.7	3.0	9.2
E	.3	.4	2.4	2.6	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	3.5	3.9	9.2
ESE	.3	.3	1.9	2.1	.5	.6	.3	.3	.1	.2	.0	.0	.0	.0	3.2	3.5	10.5
SE	.4	.4	3.0	3.3	.9	1.0	.6	.7	.5	.5	.1	.1	.0	.0	5.4	6.0	11.2
SSE	.4	.5	3.9	4.4	1.1	1.2	.9	1.0	.4	.4	.1	.1	.0	.0	6.8	7.6	11.0
S	.8	.9	6.7	7.4	2.5	2.8	2.1	2.3	1.3	1.5	.3	.4	.0	.0	13.7	15.3	12.2
SSW	.3	.3	3.1	3.5	1.1	1.2	1.0	1.2	.7	.7	.1	.1	.0	.0	6.4	7.1	12.4
SW	.3	.4	2.8	3.1	.8	.9	.5	.6	.3	.3	.0	.1	.0	.0	4.8	5.3	10.9
WSW	.2	.2	1.8	2.0	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.7	3.0	9.8
W	.3	.4	2.1	2.3	.3	.4	.2	.3	.1	.2	.0	.0	.0	.0	3.2	3.5	9.6
WNW	.2	.2	2.0	2.2	.6	.7	.4	.5	.4	.4	.1	.1	.0	.0	3.6	4.0	12.1
NW	.3	.3	2.3	2.5	.9	1.0	1.0	1.1	.7	.8	.2	.3	.0	.0	5.4	6.0	13.5
NNW	.3	.4	2.6	2.9	1.1	1.2	1.2	1.3	.9	1.0	.3	.3	.0	.0	6.6	7.3	13.5
CALM	5.3	5.9													5.3	5.9	
TOTAL	11.0	12.2	45.4	50.6	13.9	15.5	11.0	12.2	6.8	7.6	1.6	1.8	.2	.2	89.8	100	10.8

CEILING-VISIBILITY

WIND GRAPH

LNK LINCOLN, NE

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LNK LINCOLN, NE

CLASS 1 / NIGHT

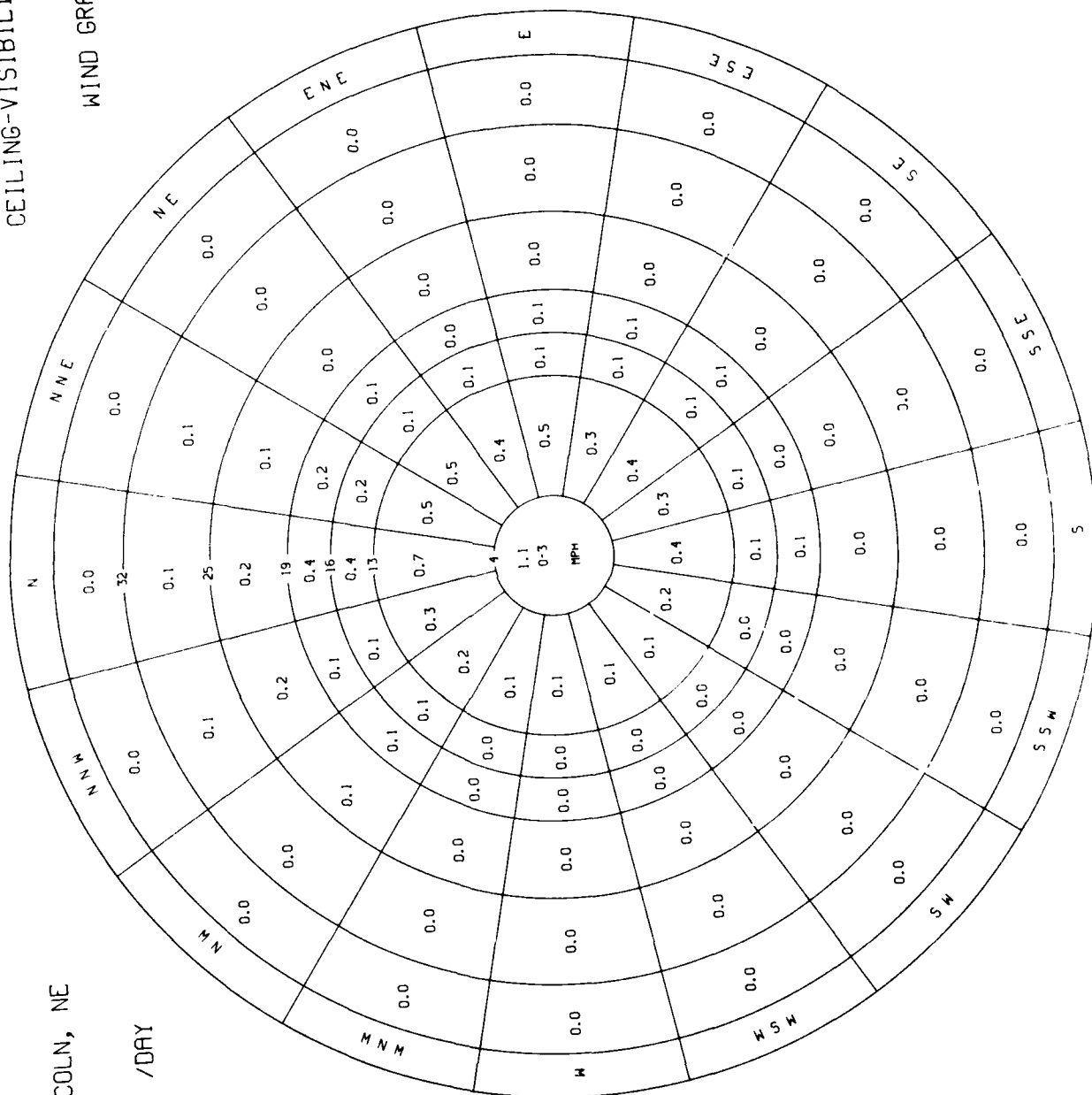
STATION NUMBER: 14939

NO. OBS.: 23346

O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.3	1.4	6.0	6.7	.9	1.0	.7	.7	.4	.5	.1	.1	.0	.0	9.4 10.5
NNE	.4	.5	1.9	2.2	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.1 3.4
NNE	.4	.5	1.6	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4 2.7
ENE	.3	.4	1.2	1.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9 2.1
E	.4	.4	1.8	2.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.6 2.9
ESE	.4	.4	1.8	2.0	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	2.7 3.0
SE	.9	1.0	3.2	3.6	.5	.5	.4	.4	.1	.2	.0	.0	.0	.0	5.1 5.7
SSE	1.2	1.3	5.6	6.3	.7	.8	.4	.4	.1	.2	.0	.0	.0	.0	8.1 9.0
S	1.6	1.8	7.7	8.6	1.2	1.4	.7	.8	.4	.4	.0	.1	.0	.0	11.8 13.1
SSW	.6	.6	2.3	2.5	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	3.6 4.0
SW	.5	.6	1.4	1.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2 2.5
WSW	.4	.4	1.1	1.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	1.7 1.9
W	.6	.7	1.7	1.9	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	2.8 3.1
WNW	.4	.5	2.0	2.2	.4	.4	.3	.4	.2	.2	.0	.0	.0	.0	3.4 3.8
NW	.7	.8	3.0	3.3	.6	.7	.5	.6	.4	.4	.1	.1	.0	.0	5.4 6.0
NNW	.9	1.0	3.9	4.3	.7	.8	.6	.7	.6	.7	.2	.2	.0	.0	6.9 7.7
CALM	16.7	18.6													16.7 18.6
TOTAL	27.8	31.0	46.3	51.6	7.3	8.1	4.8	5.4	2.8	3.1	.6	.7	.1	.1	89.7 100
															7.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 14939

NO. OBS.: 2996

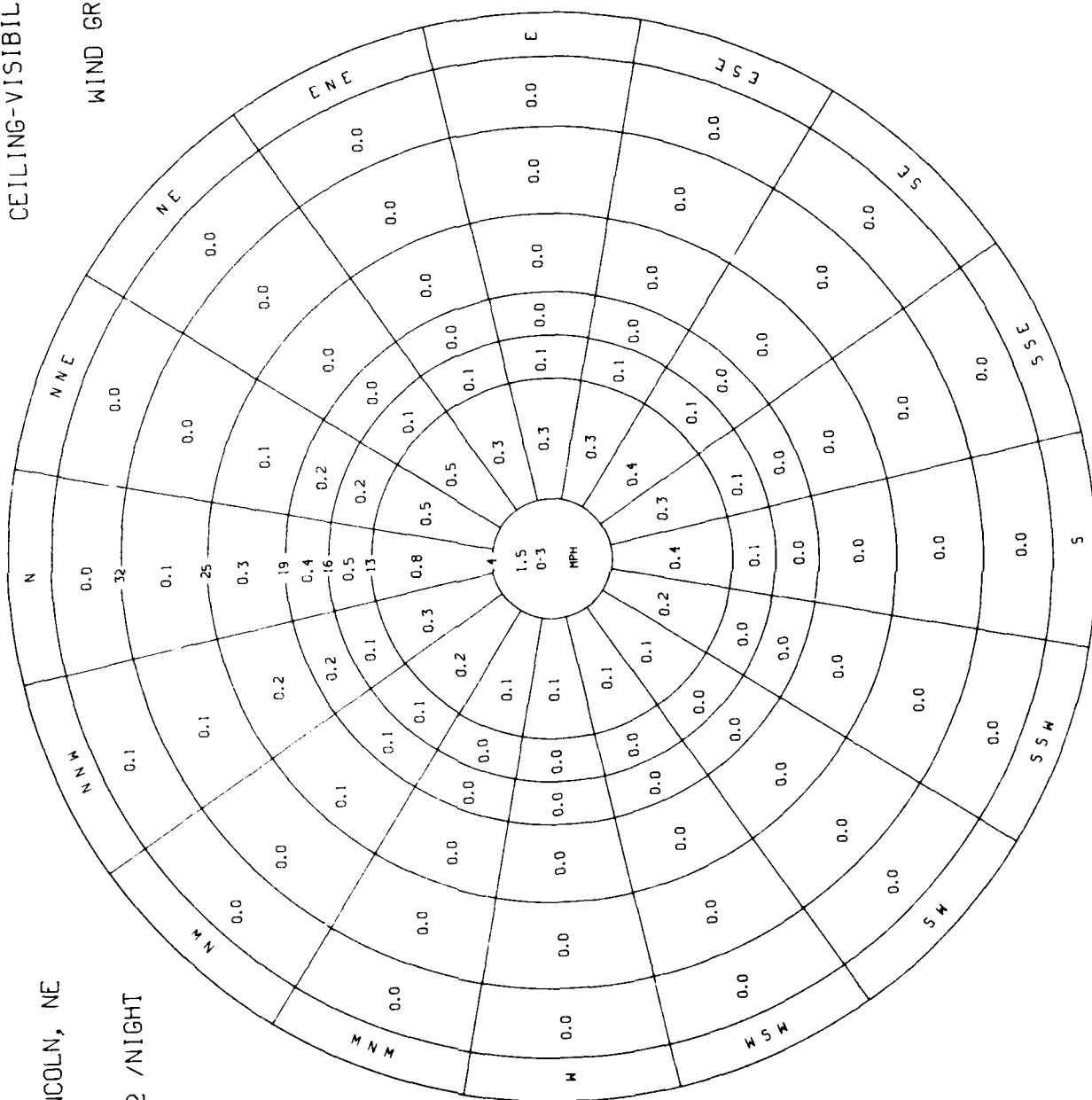
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.7	.7	6.5	.4	3.6	.4	3.8	.2	2.1	.1	.7	.0	.4	1.8	17.9	14.0
NNE	.0	.4	.5	5.1	.2	1.8	.2	1.5	.1	1.1	.1	.5	.0	.0	1.1	10.5	13.1
NE	.0	.3	.5	4.7	.1	1.2	.1	1.2	.0	.4	.0	.1	.0	.0	.8	7.9	11.4
ENE	.0	.3	.4	3.8	.1	1.1	.0	.4	.0	.2	.0	.1	.0	.0	.6	6.0	10.9
E	.1	.7	.5	4.6	.1	1.5	.1	.6	.0	.3	.0	.0	.0	.0	.8	7.7	10.2
ESE	.0	.3	.3	2.8	.1	.9	.1	.8	.0	.3	.0	.1	.0	.0	.5	5.2	11.3
SE	.0	.5	.4	3.5	.1	.8	.1	1.1	.0	.3	.0	.0	.0	.0	.6	6.4	11.3
SSE	.1	.5	.3	3.0	.1	.9	.0	.3	.0	.3	.0	.1	.0	.0	.5	5.2	10.7
S	.1	.7	.4	3.5	.1	1.1	.1	.6	.0	.2	.0	.1	.0	.0	.6	6.2	10.4
SSW	.0	.2	.2	1.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.3	9.0
SW	.0	.2	.1	1.3	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.2	1.9	9.7
WSW	.0	.1	.1	.8	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.1	1.3	10.7
W	.0	.3	.1	.9	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.2	1.6	10.1
WNW	.0	.3	.1	1.0	.0	.1	.0	.2	.0	.1	.0	.2	.0	.1	.2	2.1	12.8
NW	.0	.2	.2	1.7	.1	.8	.1	.7	.1	.6	.0	.3	.0	.2	.5	4.5	15.2
NNW	.0	.3	.3	3.0	.1	1.3	.1	1.4	.2	1.7	.1	.6	.0	.2	.9	8.4	15.4
CALM	.5	4.9													.5	4.9	
TOTAL	1.1	11.0	4.9	48.0	1.6	15.8	1.3	13.1	.8	8.0	.3	3.1	.1	1.0	10.2	100	11.7

CEILING-VISIBILITY

WIND GRAPH

LNK LINCOLN, NE

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 2 / NIGHT

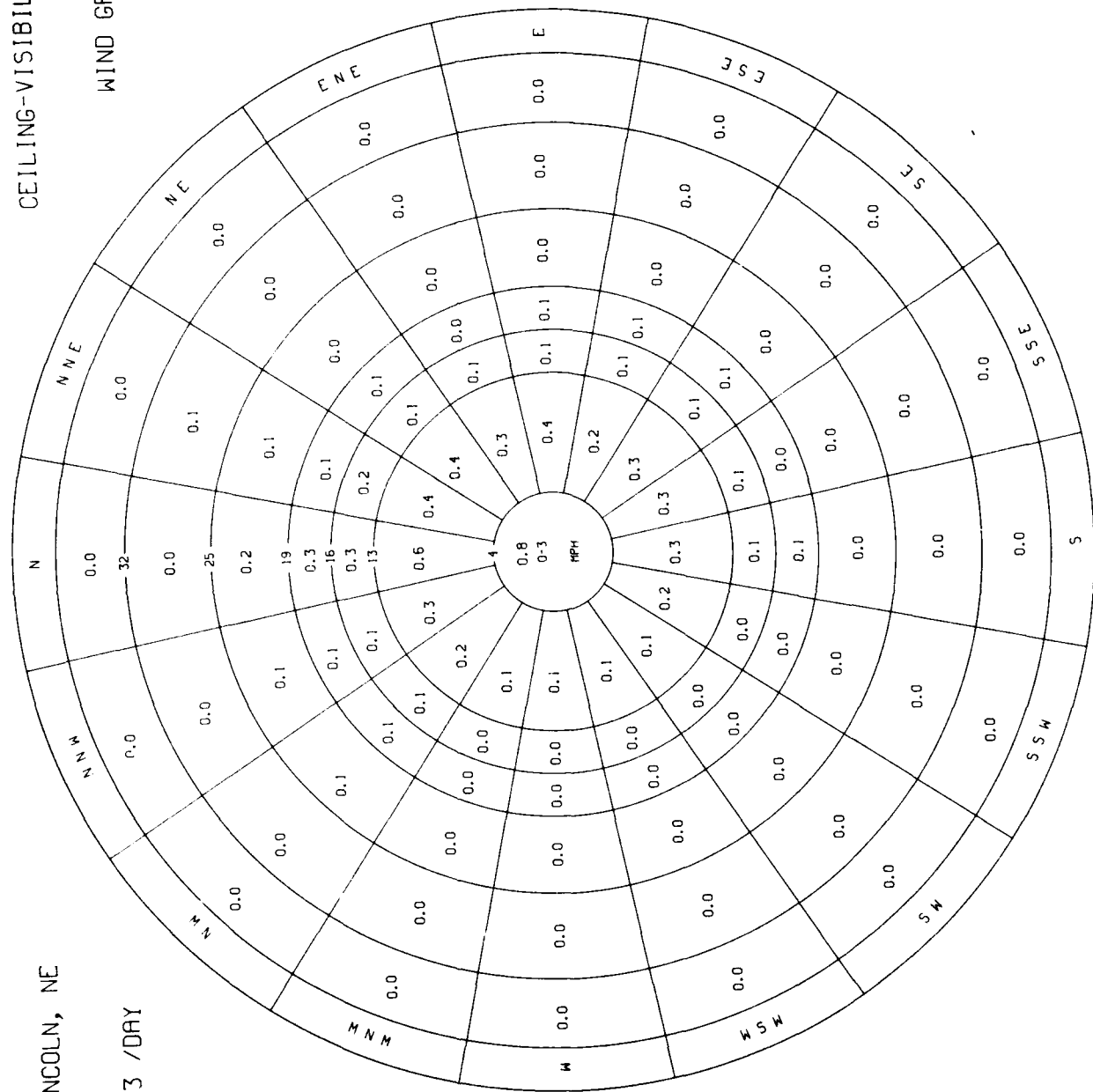
STATION NUMBER: 14939

NO. OBS.: 2676

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.0	.8	7.6	.5	4.5	.4	3.5	.3	2.8	.1	.9	.0	.3	2.1 20.7
NNE	.1	.7	.5	4.5	.2	1.9	.2	1.5	.1	1.2	.0	.2	.0	.1	1.0 10.2
NE	.1	.6	.5	4.5	.1	.9	.0	.3	.0	.3	.0	.1	.0	.0	.7 6.8
ENE	.1	.6	.3	3.0	.1	.8	.0	.5	.0	.2	.0	.0	.0	.0	.5 5.2
E	.0	.3	.3	3.2	.1	1.2	.0	.4	.0	.1	.0	.0	.0	.0	.5 5.3
ESE	.0	.2	.3	3.2	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.5 4.6
SE	.0	.4	.4	3.7	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.5 5.2
SSE	.1	.6	.3	3.3	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.5 4.7
S	.1	.8	.4	4.2	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.6 6.1
SSW	.0	.3	.2	2.1	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3 3.1
SW	.0	.3	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.6
WSW	.0	.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .8
W	.0	.3	.1	.7	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.1 1.3
WNW	.0	.2	.1	1.2	.0	.2	.0	.0	.0	.4	.0	.1	.0	.0	.2 2.1
NW	.0	.2	.2	1.8	.1	.6	.1	.8	.1	.6	.0	.3	.0	.2	.5 4.5
NNW	.0	.3	.3	3.1	.1	1.3	.2	1.5	.2	1.9	.1	1.0	.1	.6	1.0 9.8
CALM	.8	8.0													.8 8.0
TOTAL	1.5	14.9	4.9	47.7	1.5	14.8	1.1	10.4	.8	8.0	.3	2.9	.1	1.3	10.3 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 3 / DAY

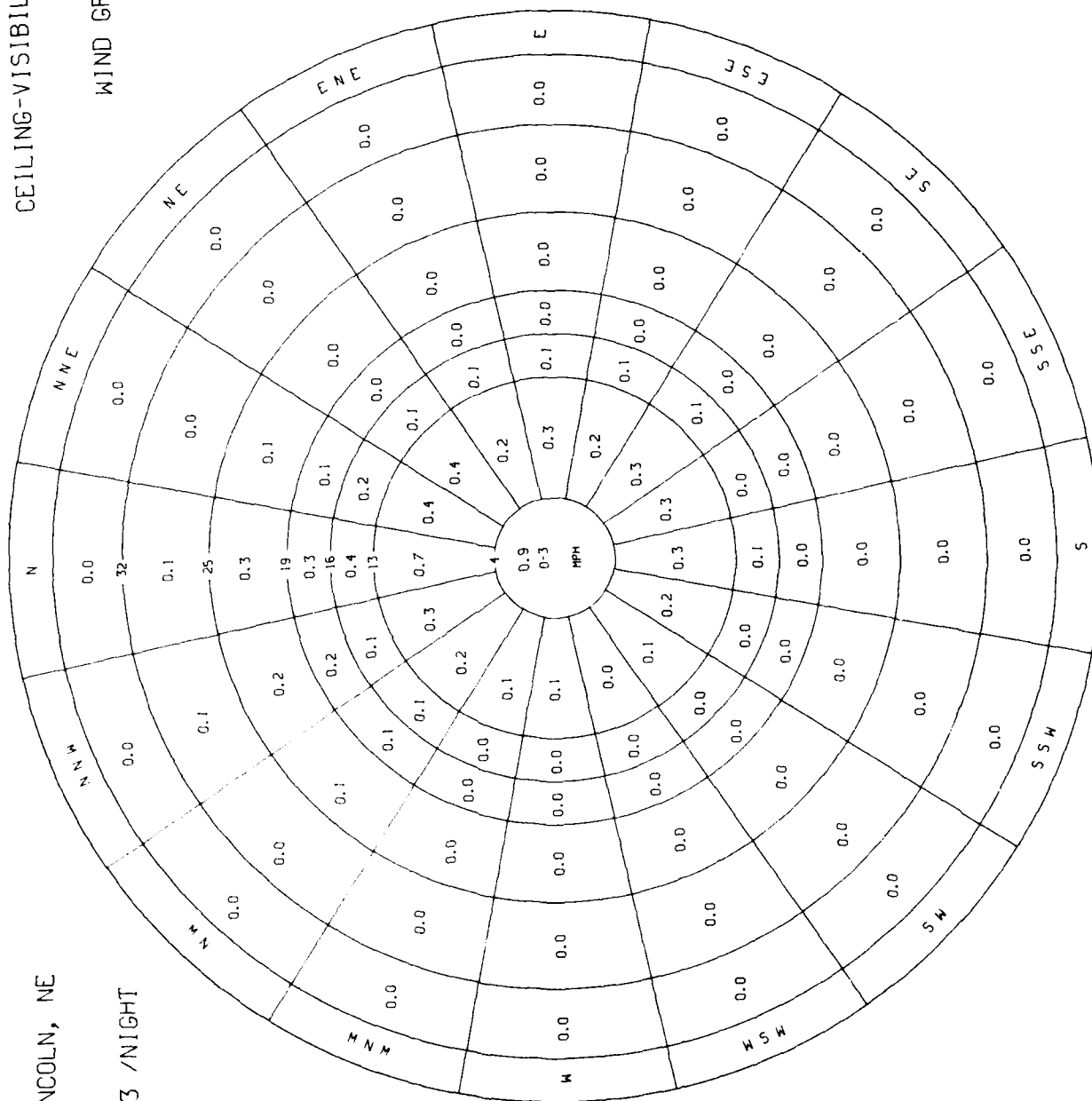
STATION NUMBER: 14939

NO. OBS.: 2526

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	.6	6.9	.3	3.6	.3	4.0	.2	2.2	.0	.4	.0	.3	1.5 18.0
NNE	.0	.5	.4	5.1	.2	1.9	.1	1.7	.1	1.0	.1	.6	.0	.0	.9 10.8
N	.0	.3	.4	4.7	.1	1.3	.1	1.0	.0	.4	.0	.0	.0	.0	.7 7.7
ENE	.0	.4	.3	3.6	.1	1.1	.0	.4	.0	.2	.0	.1	.0	.0	.5 5.9
E	.1	.6	.4	4.1	.1	1.7	.1	.7	.0	.2	.0	.0	.0	.0	.6 7.3
ESE	.0	.3	.2	2.5	.1	1.0	.1	.9	.0	.4	.0	.1	.0	.0	.4 5.1
SE	.0	.5	.3	3.5	.1	.8	.1	1.2	.0	.4	.0	.0	.0	.0	.5 6.3
SSE	.0	.6	.3	3.0	.1	1.0	.0	.4	.0	.3	.0	.2	.0	.0	.5 5.5
S	.1	.7	.3	3.7	.1	1.2	.1	.8	.0	.3	.0	.1	.0	.0	.6 6.7
SSW	.0	.2	.2	1.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 2.3
SW	.0	.2	.1	1.4	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.2 2.1
WSW	.0	.1	.1	.8	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.1 1.3
W	.0	.2	.1	1.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1 1.5
WNW	.0	.2	.1	1.0	.0	.2	.2	.2	.0	.2	.0	.2	.0	.1	.2 2.1
NW	.0	.2	.2	1.8	.1	1.0	.1	.8	.1	.7	.0	.2	.0	.1	.4 4.8
NNW	.0	.2	.3	3.2	.1	1.4	.1	1.4	.1	1.6	.0	.4	.0	.2	.7 8.4
CALM	.3	4.0													.3 4.0
TOTAL	.8	9.7	4.1	48.2	1.4	16.6	1.2	13.8	.7	8.2	.2	2.7	.1	.8	8.6 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 3 / NIGHT

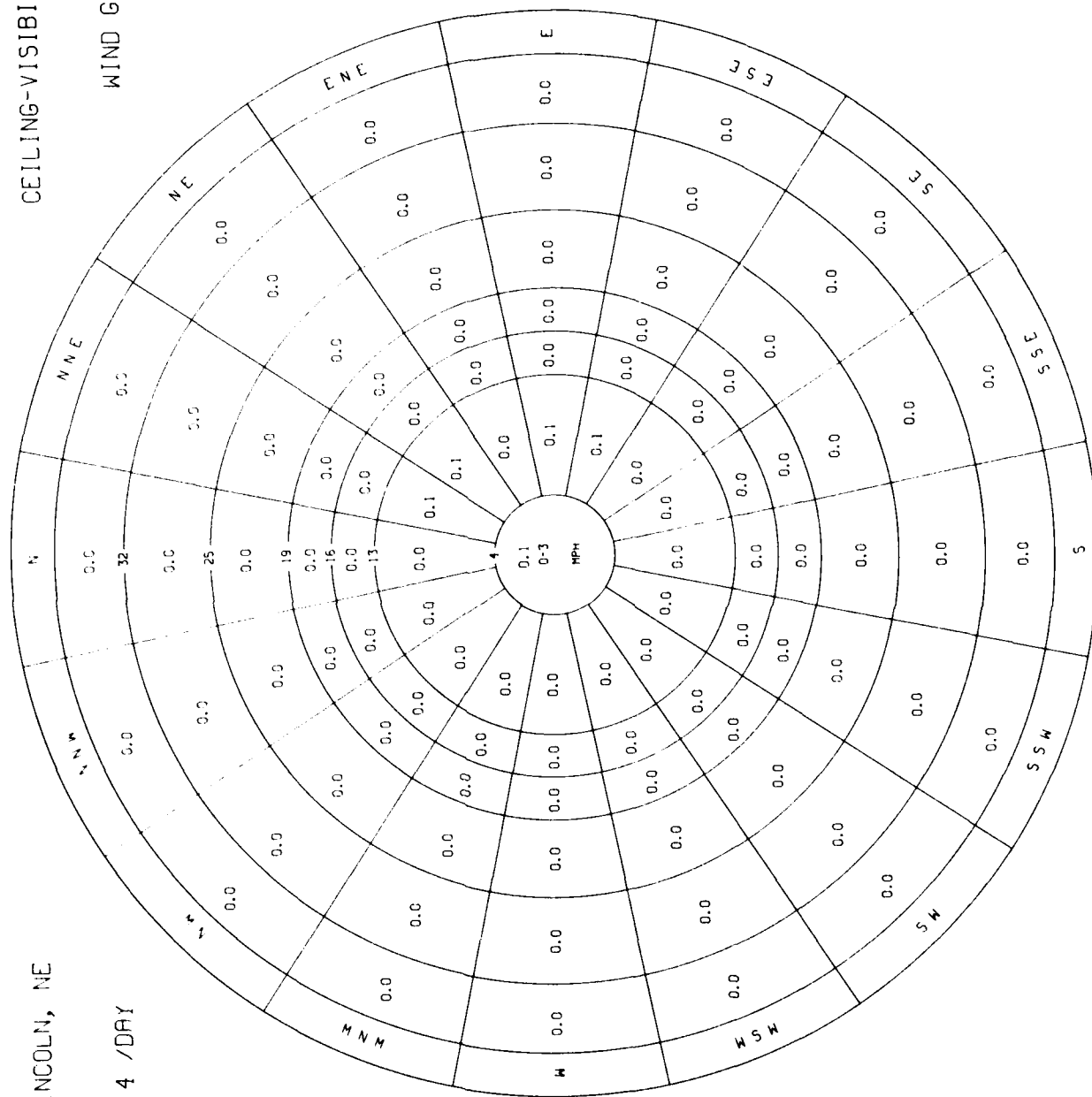
STATION NUMBER: 14939

NO. OBS.: 2092

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.9	.7	8.3	.4	5.0	.3	3.7	.3	3.3	.1	.8	.0	.2	1.8	22.2	13.9
NNE	.1	.7	.4	4.8	.2	2.3	.1	1.7	.1	1.3	.0	.1	.0	.1	.9	11.0	12.7
NE	.0	.5	.4	4.6	.1	.9	.0	.3	.0	.3	.0	.2	.0	.0	.6	6.9	10.2
ENE	.0	.6	.2	2.9	.1	.8	.0	.6	.0	.2	.0	.0	.0	.0	.4	5.1	10.2
E	.0	.3	.3	3.2	.1	1.2	.0	.5	.0	.1	.0	.0	.0	.0	.4	5.4	10.8
ESE	.0	.1	.2	2.8	.1	.8	.0	.4	.0	.3	.0	.0	.0	.0	.3	4.3	10.6
SE	.0	.3	.3	3.6	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.4	5.1	9.6
SSE	.0	.6	.3	3.2	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.4	4.7	9.1
S	.0	.6	.3	3.3	.1	.7	.0	.5	.0	.1	.0	.1	.0	.0	.4	5.3	9.8
SSW	.0	.3	.2	2.2	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.3	9.6
SW	.0	.1	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	8.7
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	8.2
W	.0	.2	.1	.8	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.4	9.1
WNW	.0	.2	.1	1.2	.0	.2	.0	.0	.0	.3	.0	.1	.0	.0	.2	2.2	11.9
NW	.0	.2	.2	1.9	.1	.8	.1	1.0	.1	.7	.0	.4	.0	.2	.4	5.2	14.9
NNW	.0	.1	.3	3.2	.1	1.5	.2	1.9	.2	2.4	.1	1.0	.0	.6	.9	10.8	16.9
CALM	.4	5.4													.4	5.4	
TOTAL	.9	11.1	3.8	47.6	1.3	16.2	.9	11.7	.8	9.4	.2	2.9	.1	1.1	8.0	100	11.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 4 / DAY

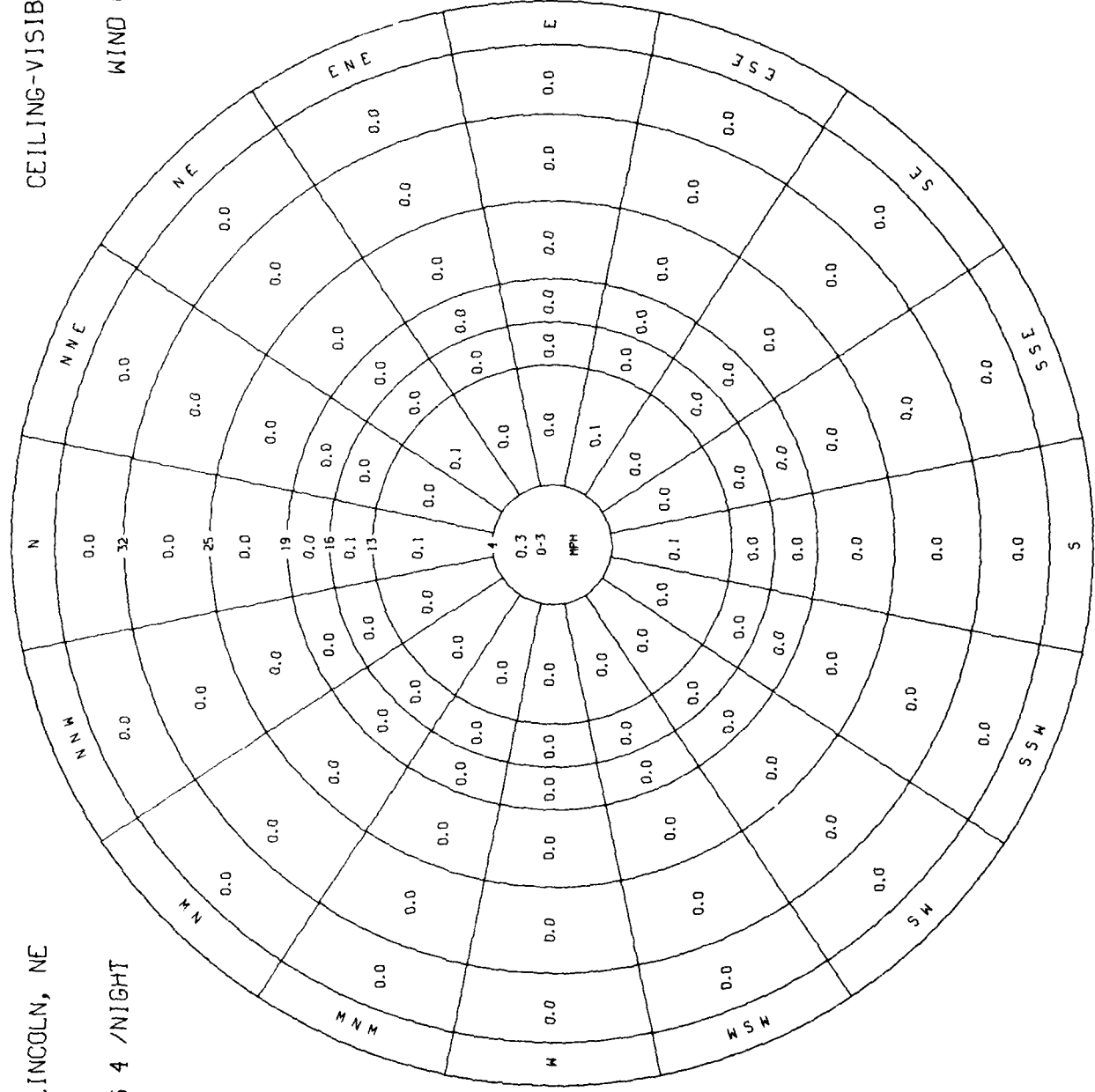
STATION NUMBER: 14939

NO. OBS.: 310

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.0	3.5	.0	4.5	.0	4.2	.0	1.6	.0	1.9	.0	.6	.2 17.7
NNE	.0	.3	.1	6.8	.0	1.9	.0	.6	.0	1.3	.0	.0	.0	.0	.1 11.0
NNE	.0	.3	.1	6.1	.0	1.3	.0	2.6	.0	.3	.0	.3	.0	.0	.1 11.0
ENE	.0	.0	.0	3.9	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.1 5.5
E	.0	1.3	.1	6.8	.0	.6	.0	.0	.0	1.3	.0	.0	.0	.0	.1 10.0
ESE	.0	.3	.1	5.5	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1 6.8
SE	.0	.6	.0	4.5	.0	1.3	.0	.6	.0	.3	.0	.0	.0	.3	.1 7.7
SSE	.0	.0	.0	2.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
S	.0	.6	.0	2.3	.0	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0 3.5
SSW	.0	.0	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
SW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
WSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .3
W	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0 1.6
WNW	.0	.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
NW	.0	.6	.0	1.0	.0	.0	.0	.6	.0	.0	.0	.3	.0	.6	.0 3.2
NNW	.0	.6	.0	1.9	.0	1.0	.0	1.6	.0	2.3	.0	1.6	.0	.0	.1 9.0
CALM	.1	4.8													.1 4.8
TOTAL	.1	12.3	.5	49.4	.1	13.9	.1	11.0	.1	7.1	.0	4.5	.0	1.9	1.1 100
															11.6

LNK LINCOLN, NE

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 14939

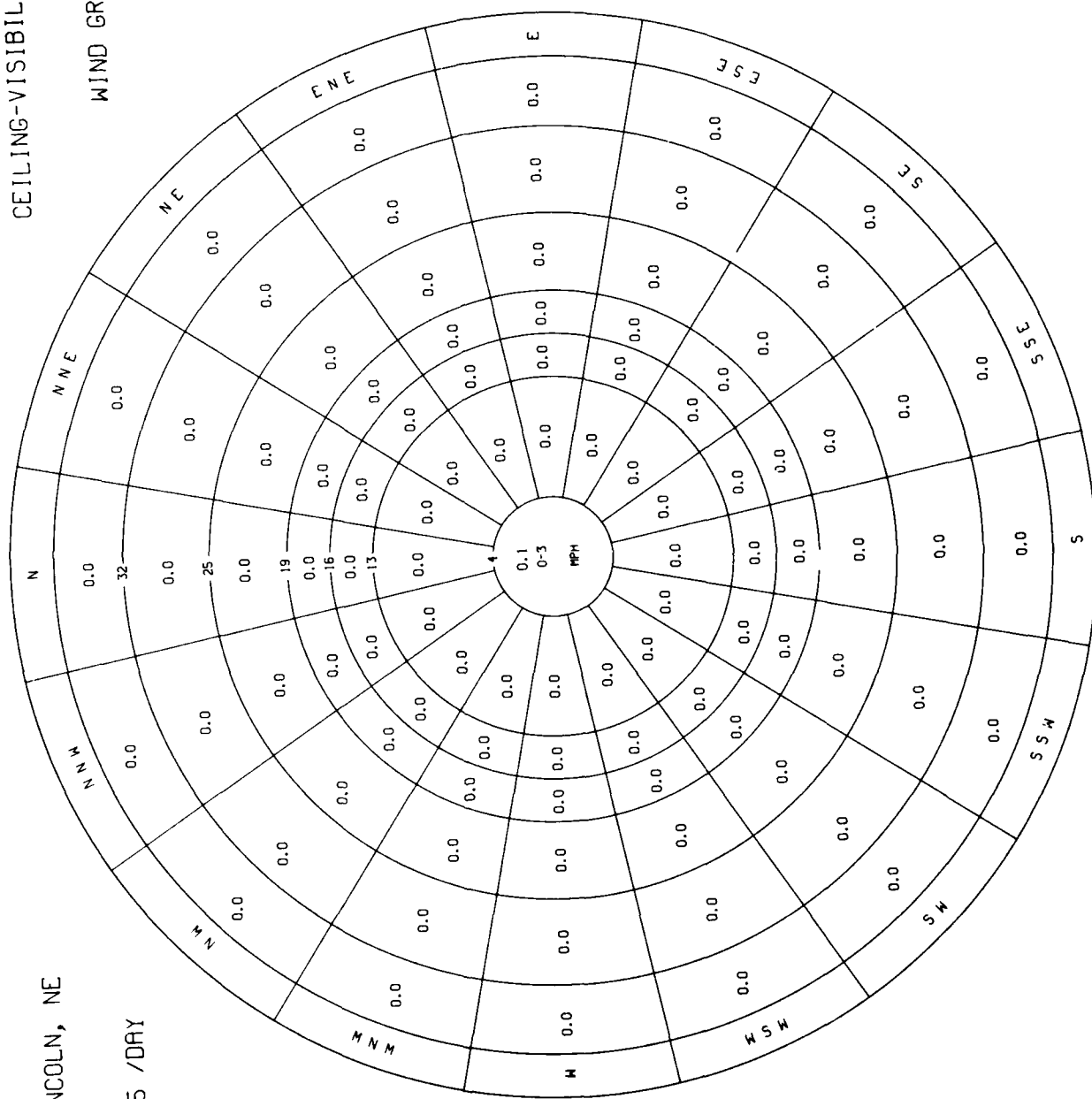
NO. OBS.: 345

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.2	.1	4.6	.1	4.9	.0	3.8	.0	1.4	.0	1.4	.0	.3	.2 17.7
NNE	.0	.3	.0	3.8	.0	.9	.0	1.7	.0	1.4	.0	.9	.0	.0	.1 9.0
NNE	.0	.6	.1	6.1	.0	1.4	.0	.3	.0	.6	.0	.0	.0	.0	.1 9.0
ENE	.0	1.2	.0	3.2	.0	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.1 6.4
E	.0	.6	.0	2.9	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.1 5.2
ESE	.0	1.2	.1	4.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.1
SE	.0	.9	.0	2.9	.0	.9	.0	.0	.0	.3	.0	.0	.0	.0	.1 4.9
SSE	.0	.6	.0	2.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
S	.0	1.2	.1	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.0
SSW	.0	.3	.0	1.4	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0 2.6
SW	.0	.3	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WSW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
W	.0	.3	.0	.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0 1.4
WNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.6	.0	.3	.0	.0	.0 1.7
NW	.0	.0	.0	1.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.3	.0 2.3
NNW	.0	.3	.0	2.3	.0	.9	.0	.0	.0	.3	.0	.9	.0	.6	.1 5.2
CALM	.2	12.2													.2 12.2
TOTAL	.3	21.2	.6	47.5	.2	14.8	.1	7.2	.1	4.6	.0	3.5	.0	1.2	1.3 100
															9.8

WIND GRAPH

LNK LINCOLN, NE

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 5 / DAY

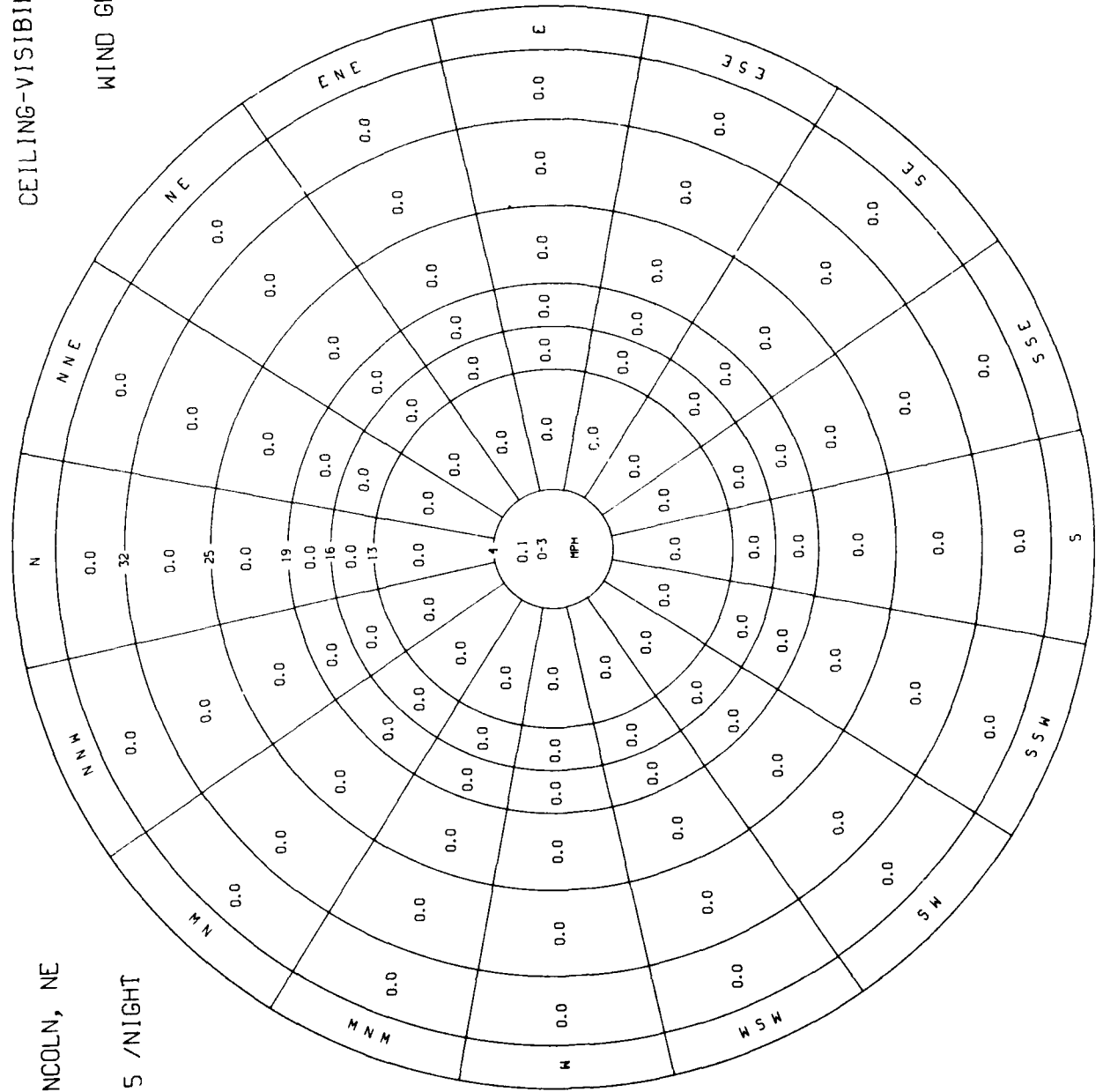
STATION NUMBER: 14939

NO. OBS.: 90

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	2.2	.0	5.6	.0	2.2	.0	1.1	.0	2.2	.0	3.3	.0	.0	.1	16.7	15.0
NNE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	3.3	.0	1.1	.0	.0	.0	5.6	19.6
NE	.0	.0	.0	2.2	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	4.4	13.7
ENE	.0	1.1	.0	7.8	.0	1.1	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	12.2	10.3
E	.0	.0	.0	7.8	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	8.9	8.4
ESE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.3
SE	.0	.0	.0	3.3	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	7.8	13.7
SSE	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	10.5
S	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.7
SSW	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.7
SW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.5
WSW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.0
W	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	1.1	31.0
NW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	2.2	20.5
NNW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	2.2	.0	2.2	.0	1.1	.0	7.8	20.6
CALM	.0	14.4													.0	14.4	
TOTAL	.1	26.7	.1	40.0	.0	6.7	.0	6.7	.0	10.0	.0	8.9	.0	1.1	.3	100	10.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 5 / NIGHT

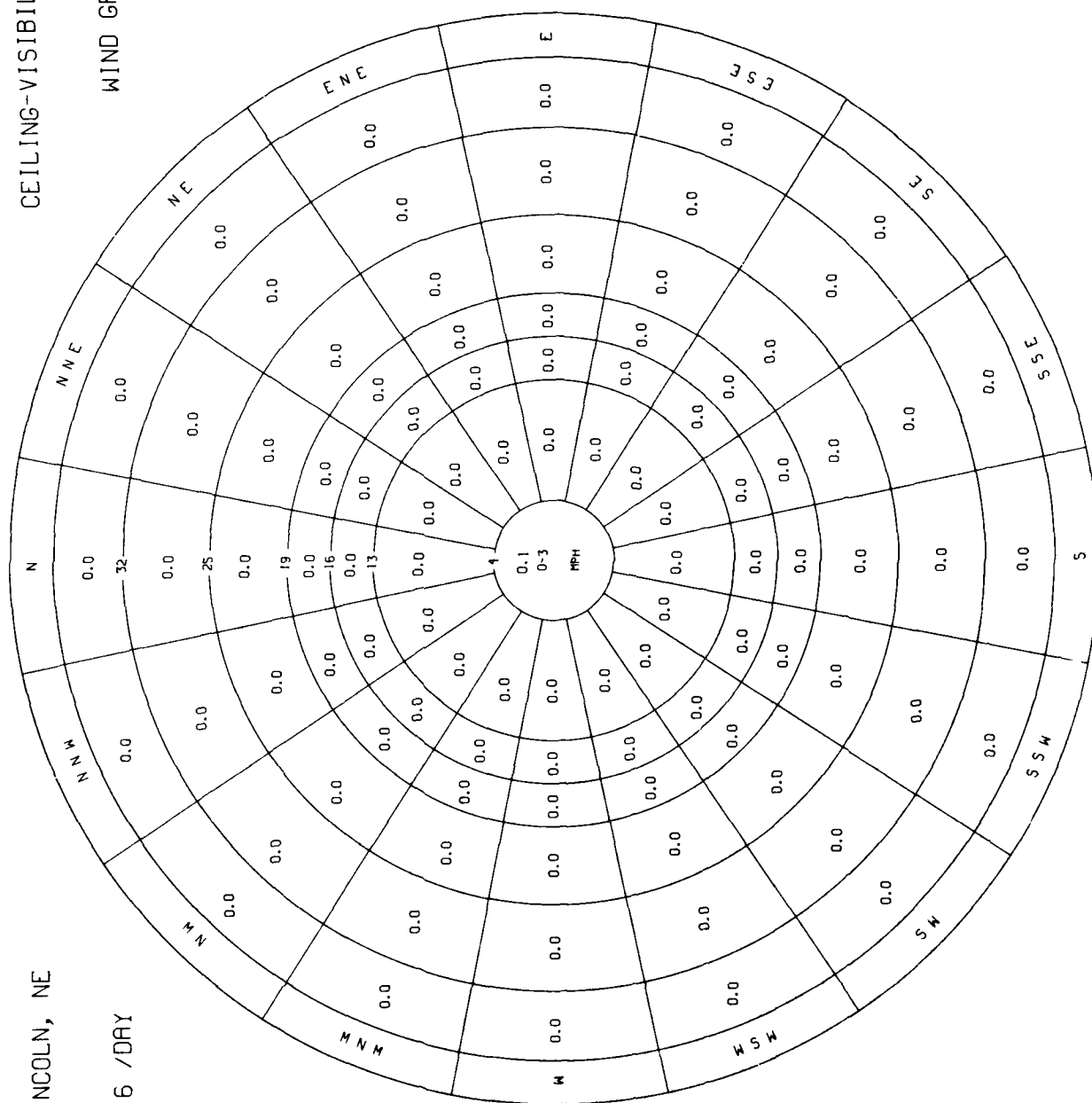
STATION NUMBER: 14939

NO. OBS.: 128

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.6	.0	4.7	.0	.0	.0	3.1	.0	.0	.0	.0	.0	1.6	.1 11.7
NNE	.0	.8	.0	3.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0 6.3
NE	.0	1.6	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 3.1
ENE	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0 5.5
E	.0	.8	.0	3.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.7
ESE	.0	.0	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
SE	.0	.8	.0	6.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.8
SSE	.0	1.6	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.8
S	.0	3.1	.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 11.7
SSW	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
SW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
W	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 .8
WNW	.0	.0	.0	.8	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0 2.3
NW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.8	.0	.8	.0 3.1
NNW	.0	.0	.0	2.3	.0	.8	.0	.8	.0	.0	.0	2.3	.0	.8	.0 7.0
CALM	.1	16.4													.1 16.4
TOTAL	.1	28.1	.3	53.1	.0	3.9	.0	5.5	.0	2.3	.0	3.1	.0	3.9	.5 100
															8.8

LNK LINCOLN, NE

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 6 / DAY

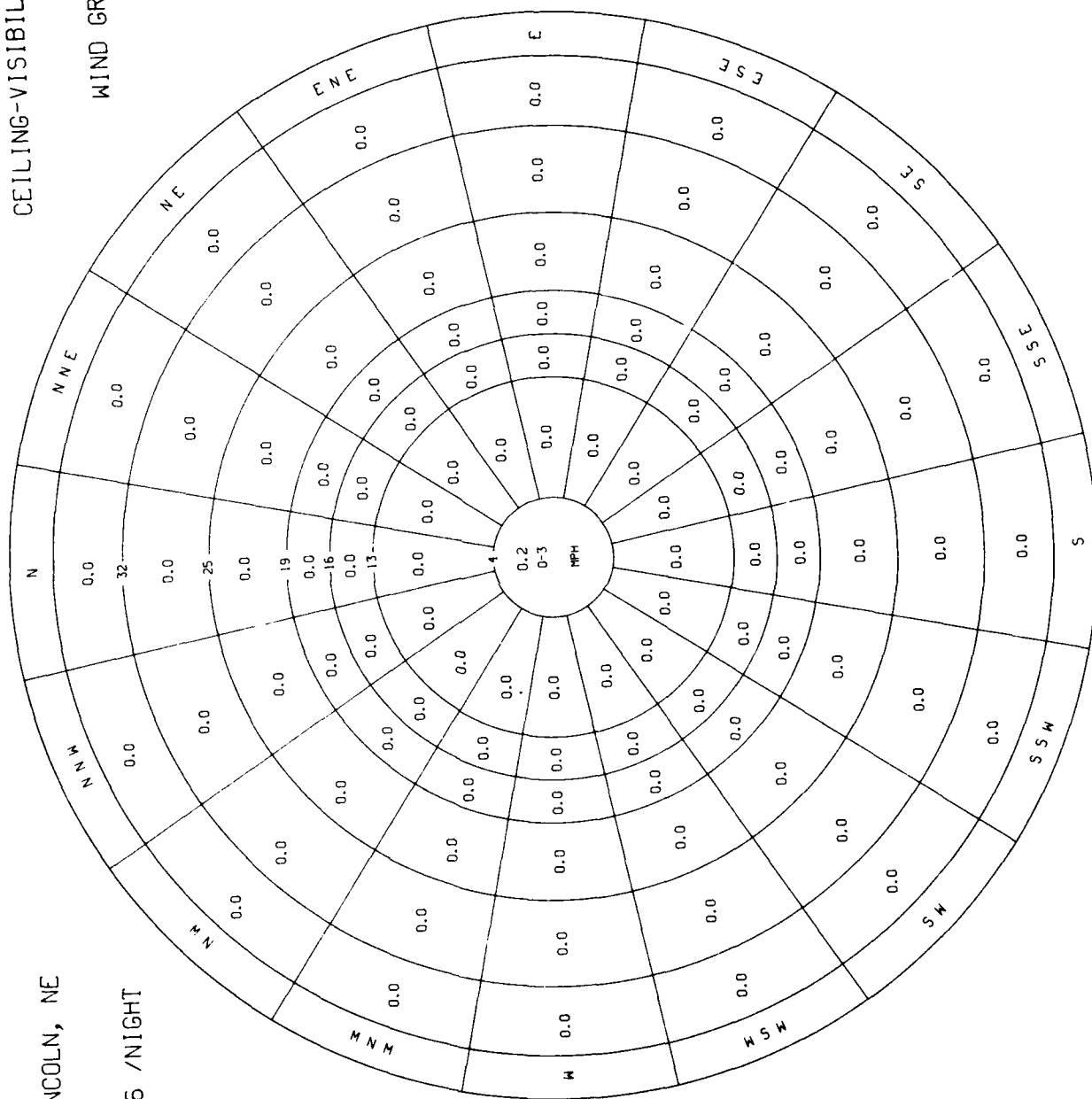
STATION NUMBER: 14939

NO. OBS.: 70

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.4	.0	7.1	.0	2.9	.0	1.4	.0	1.4	.0	1.4	.0	1.4	.0 17.1
NNE	.0	.0	.0	2.9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
NE	.0	.0	.0	2.9	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0 4.3
ENE	.0	.0	.0	5.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.1
E	.0	1.4	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.6
ESE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	1.4	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.1
S	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0 1.4
WNW	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
NW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0 2.9
NNW	.0	.0	.0	4.3	.0	.0	.0	.0	.0	1.4	.0	2.9	.0	.0	.0 8.6
CALM	.1	25.7													.1 25.7
TOTAL	.1	34.3	.1	45.7	.0	5.7	.0	2.9	.0	4.3	.0	5.7	.0	1.4	.2 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LNK LINCOLN, NE

PERIOD: 1948-1978

CLASS 6 / NIGHT

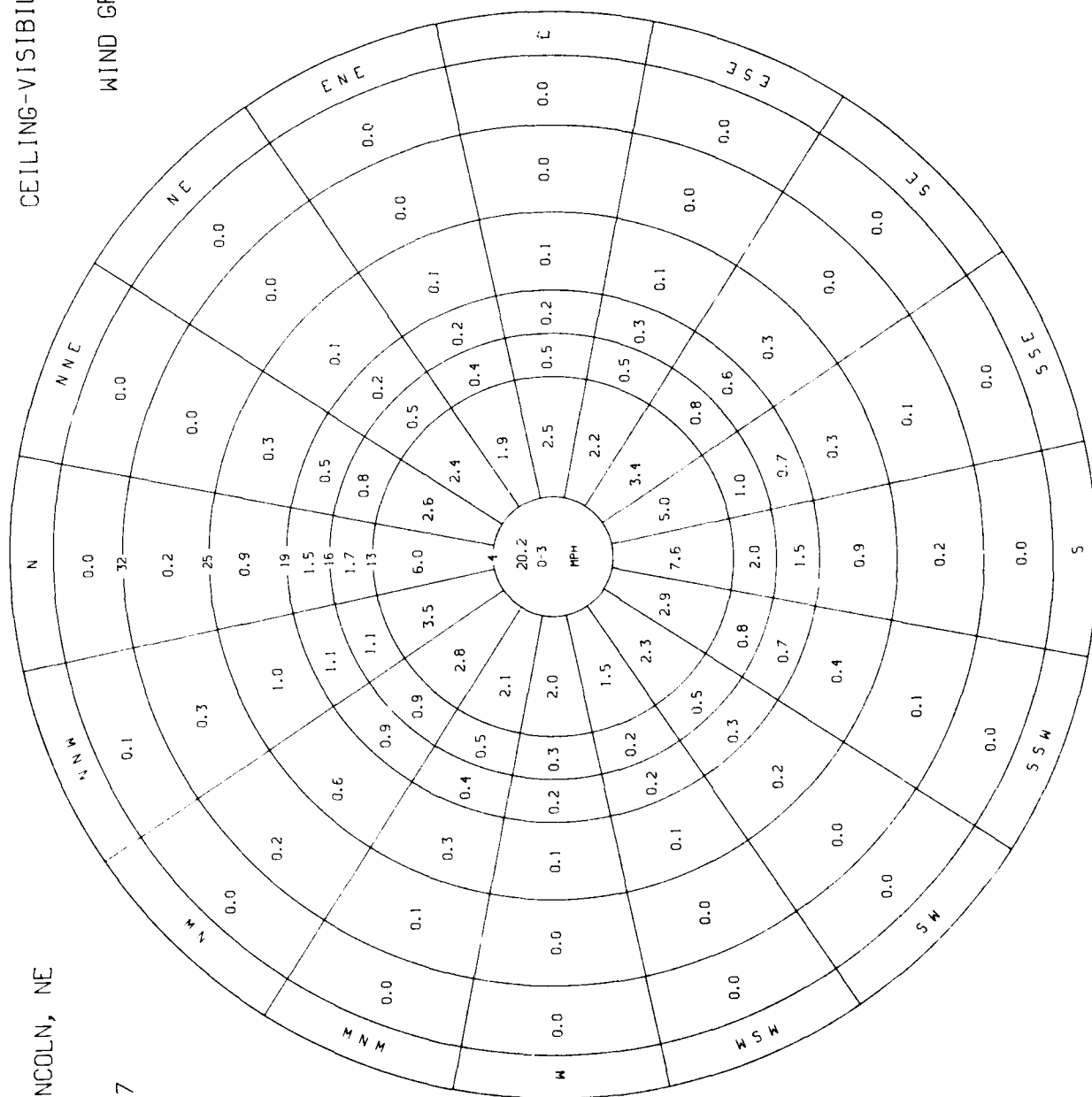
STATION NUMBER: 14939

NO. OBS.: 111

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	3.6	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	11.7	7.9
NNE	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.7
NE	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.3
ENE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
E	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.8
ESE	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.6
SE	.0	.9	.0	3.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.0
SSE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.7
S	.0	1.8	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.7
SSW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.7
SW	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6
WSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.5
W	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
WNW	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.7
NW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0
NNW	.0	2.7	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	8.1	13.8
CALM	.1	34.2													.1	34.2	
TOTAL	.2	52.3	.2	44.1	.0	.9	.0	.0	.0	.0	.0	.9	.0	1.8	.4	100	4.7

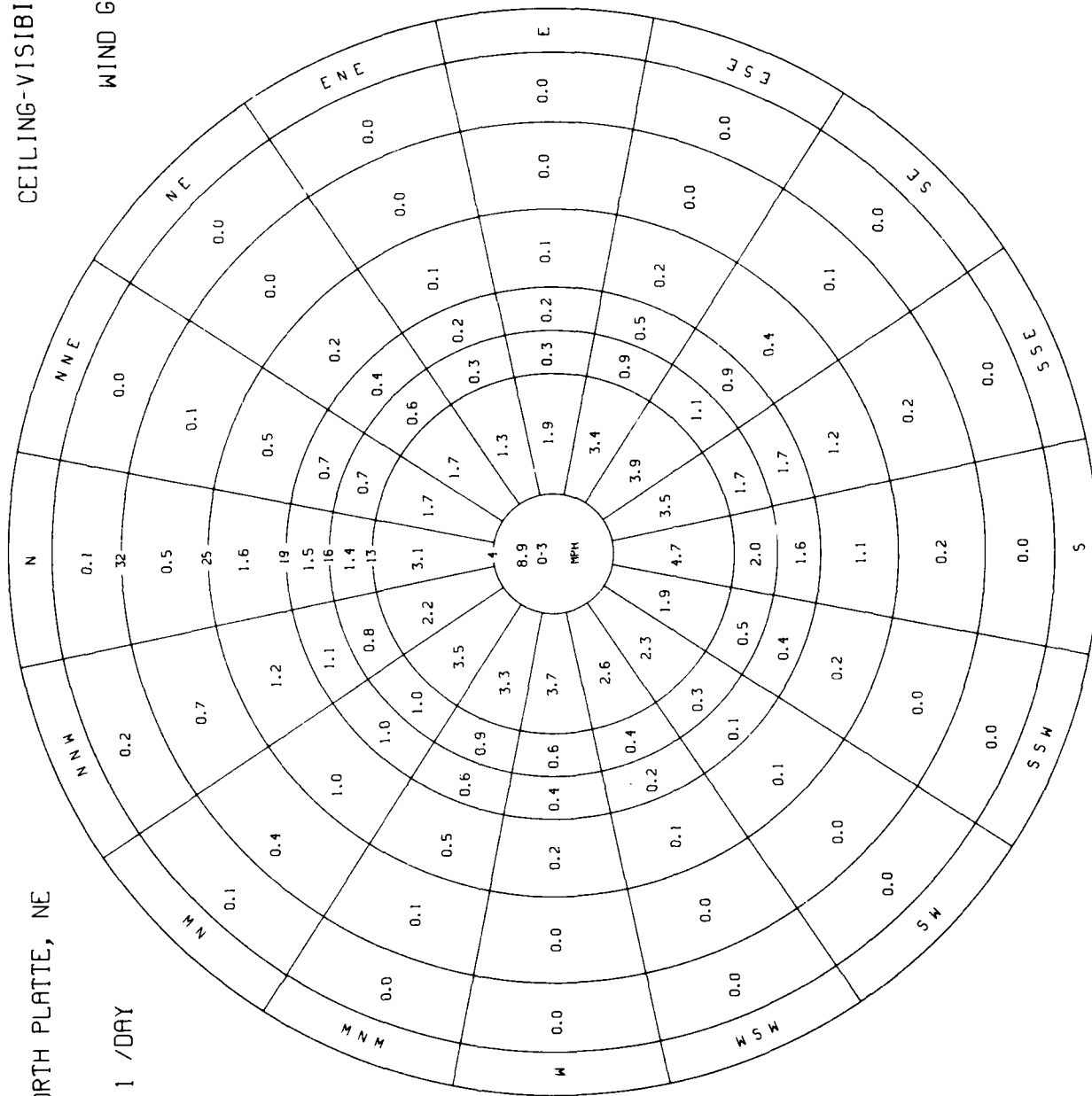
LNK LINCOLN, NE

CLASS 7



CEILING-VISIBILITY
WIND GRAPH

LBF NORTH PLATTE, NE
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 1 / DAY

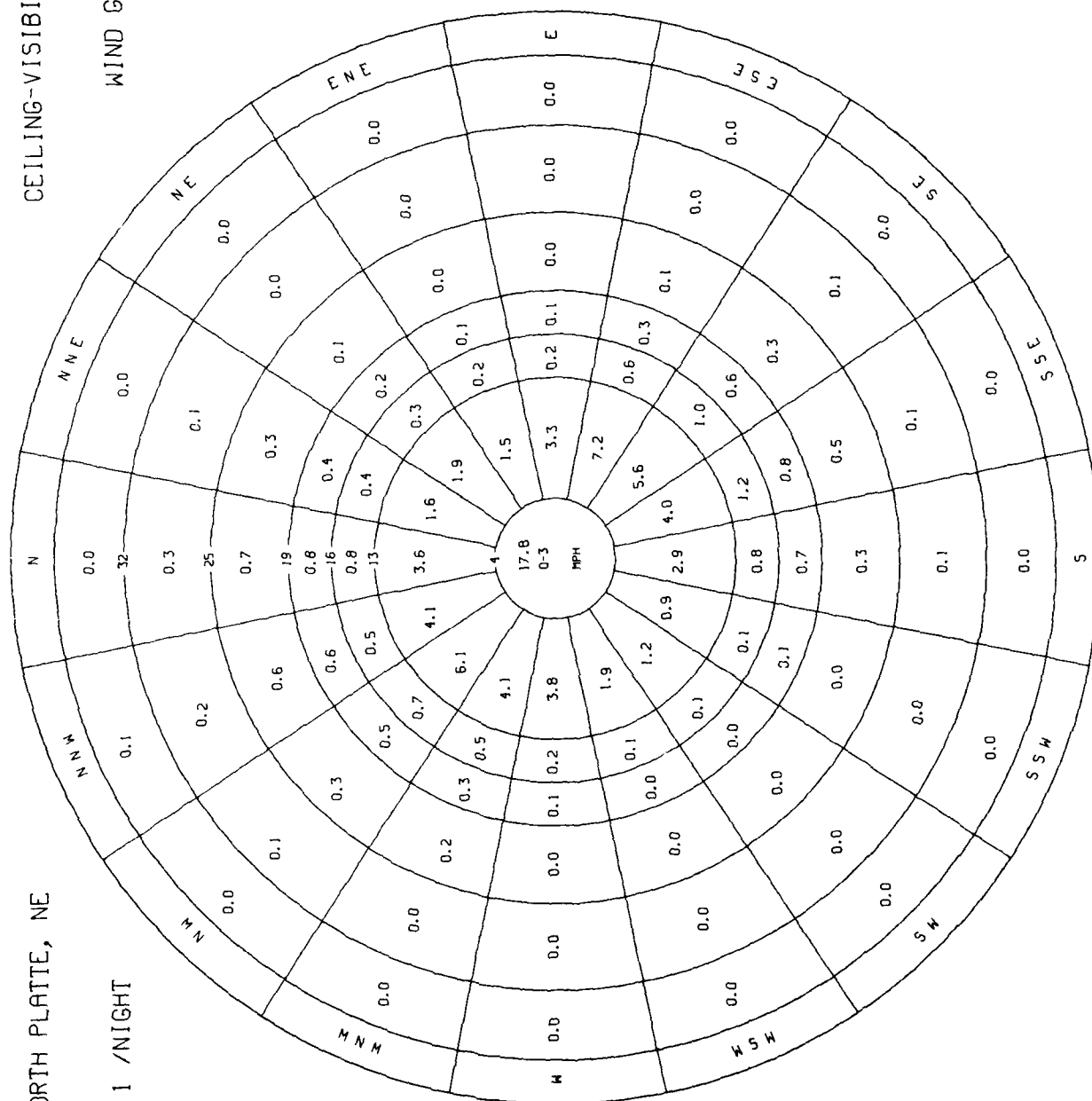
STATION NUMBER: 24023

NO. OBS.: 44261

D I R	SPEED GROUPS (MPH)																				AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D					
N	.4	.5	3.1	3.5	1.4	1.6	1.5	1.7	1.6	1.7	.5	.6	.1	.1	8.7	9.6	14.4				
NNE	.2	.2	1.7	1.9	.7	.8	.7	.8	.5	.5	.1	.1	.0	.0	3.8	4.3	13.0				
NE	.3	.3	1.7	1.9	.6	.6	.4	.4	.2	.2	.0	.0	.0	.0	3.1	3.5	10.9				
ENE	.2	.2	1.3	1.4	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.1	2.3	10.3				
E	.3	.4	1.9	2.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.8	3.1	8.9				
ESE	.3	.4	3.4	3.8	.9	1.0	.5	.6	.2	.2	.0	.0	.0	.0	5.4	5.9	10.2				
SE	.4	.5	3.9	4.3	1.1	1.2	.9	1.0	.4	.5	.1	.1	.0	.0	6.8	7.6	11.2				
SSE	.2	.2	3.5	3.9	1.7	1.9	1.7	1.9	1.2	1.3	.2	.3	.0	.0	8.6	9.5	13.7				
S	.5	.5	4.7	5.2	2.0	2.2	1.6	1.8	1.1	1.2	.2	.2	.0	.0	10.0	11.1	12.5				
SSW	.3	.3	1.9	2.2	.5	.6	.4	.4	.2	.2	.0	.0	.0	.0	3.3	3.7	10.8				
SW	.5	.6	2.3	2.6	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	3.4	3.7	8.4				
WSW	.3	.3	2.6	2.9	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.6	4.0	8.9				
W	.5	.5	3.7	4.1	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	5.3	5.9	9.4				
WNW	.4	.4	3.3	3.6	.9	1.0	.6	.7	.5	.5	.1	.2	.0	.0	5.8	6.4	11.3				
NW	.6	.7	3.5	3.8	1.0	1.1	1.0	1.1	1.0	1.1	.4	.4	.1	.1	7.6	8.4	12.8				
NNW	.4	.4	2.2	2.4	.8	.9	1.1	1.2	1.2	1.4	.7	.8	.2	.3	6.6	7.3	15.6				
CALM	3.4	3.7													3.4	3.7					
TOTAL	8.9	9.9	44.8	49.6	13.6	15.1	11.5	12.7	8.4	9.3	2.4	2.7	.6	.7	90.2	100	11.5				

LBF NORTH PLATTE, NE

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 24023

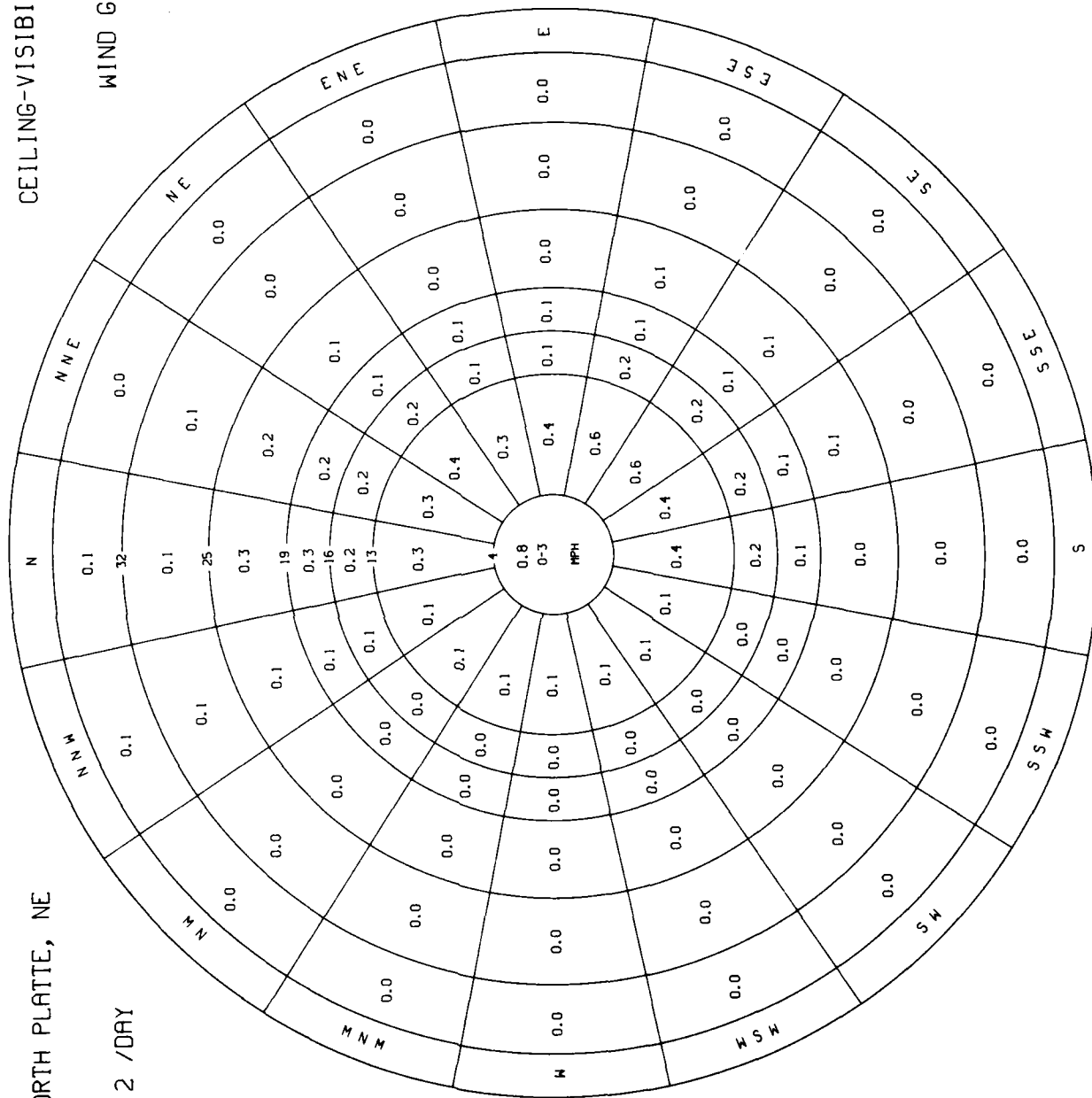
NO. OBS.: 37162

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.8	.9	3.6	4.0	.8	.9	.8	.9	.7	.8	.3	.3	.0	.1	7.1	7.9	11.2
NNE	.3	.3	1.6	1.8	.4	.4	.4	.4	.3	.3	.1	.1	.0	.0	3.0	3.4	11.2
NE	.5	.5	1.9	2.2	.3	.3	.2	.3	.1	.2	.0	.0	.0	.0	3.1	3.5	9.0
ENE	.4	.4	1.5	1.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.5	7.9
E	.7	.8	3.3	3.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.3	4.8	7.2
ESE	.7	.7	7.2	8.1	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	8.8	9.8	8.2
SE	.6	.7	5.6	6.3	1.0	1.1	.6	.7	.3	.3	.1	.1	.0	.0	8.2	9.2	9.5
SSE	.4	.4	4.0	4.5	1.2	1.4	.8	.9	.5	.6	.1	.1	.0	.0	7.1	7.9	11.2
S	.5	.5	2.9	3.3	.8	.9	.7	.7	.3	.3	.1	.1	.0	.0	5.2	5.8	10.7
SSW	.2	.2	.9	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.4	8.3
SW	.5	.5	1.2	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.0	6.4
WSW	.5	.5	1.9	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.9	6.9
W	.9	1.0	3.8	4.2	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	5.1	5.7	7.2
WNW	.7	.8	4.1	4.6	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	5.8	6.5	8.5
NW	1.2	1.4	6.1	6.8	.7	.8	.5	.5	.3	.4	.1	.1	.0	.1	9.0	10.1	8.7
NNW	.8	.9	4.1	4.5	.5	.6	.6	.7	.6	.6	.2	.2	.1	.1	6.9	7.7	10.1
CALM	8.1	9.1													8.1	9.1	
TOTAL	17.8	19.9	53.8	60.1	7.7	8.6	5.6	6.2	3.5	3.9	1.0	1.1	.3	.3	89.5	100	8.3

CEILING-VISIBILITY WIND GRAPH

LBF NORTH PLATTE, NE

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 2 / DAY

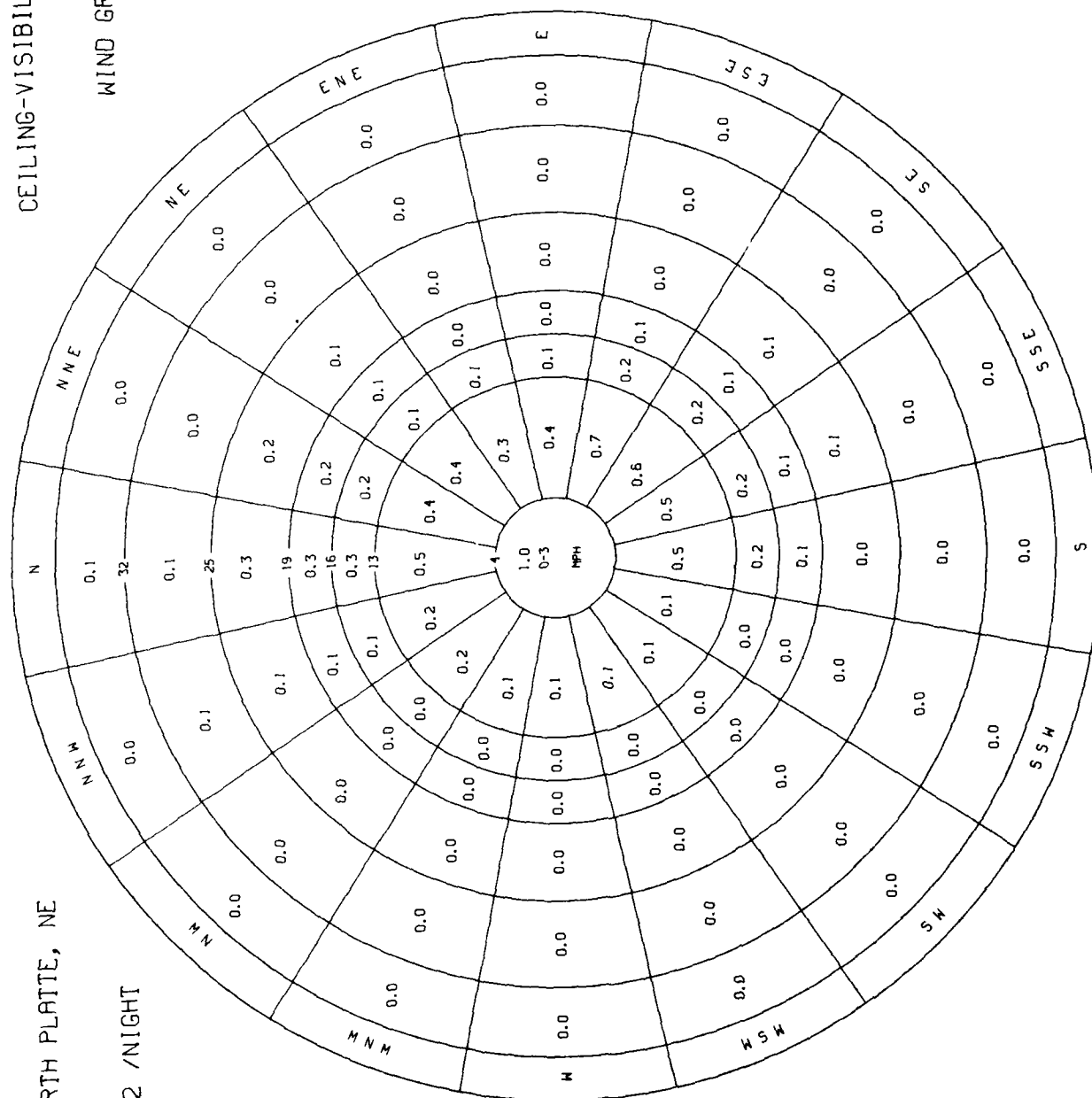
STATION NUMBER: 24023

NO. OBS.: 4809

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.3	3.2	.2	2.3	.3	3.3	.3	3.1	.1	1.1	.1	.6	1.4 14.2
NNE	.0	.1	.3	3.5	.2	1.7	.2	1.9	.2	1.5	.1	.7	.0	.3	.9 9.6
NE	.0	.2	.4	3.8	.2	1.6	.1	1.2	.1	.6	.0	.1	.0	.0	.7 7.6
ENE	.0	.2	.3	3.1	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.5 5.3
E	.1	.5	.4	4.3	.1	1.2	.1	.7	.0	.3	.0	.0	.0	.0	.7 6.9
ESE	.0	.5	.6	6.5	.2	2.0	.1	1.0	.1	.6	.0	.1	.0	.0	1.0 10.6
SE	.0	.5	.6	5.8	.2	2.0	.1	1.3	.1	.7	.0	.1	.0	.0	1.0 10.4
SSE	.0	.4	.4	4.4	.2	1.9	.1	1.3	.1	.6	.0	.2	.0	.0	.9 8.7
S	.0	.2	.4	4.5	.2	2.0	.1	.8	.0	.2	.0	.0	.0	.0	.8 7.7
SSW	.0	.2	.1	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.7
SW	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.3
WSW	.0	.1	.1	.7	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1 .9
W	.0	.2	.1	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.5
WNW	.0	.1	.1	1.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.2 1.5
NW	.0	.2	.1	1.4	.0	.3	.0	.3	.0	.3	.0	.4	.0	.2	.3 3.2
NNW	.0	.2	.1	1.2	.1	.7	.1	.8	.1	1.0	.1	.7	.1	.7	.5 5.3
CALM	.3	3.4													.3 3.4
TOTAL	.8	7.7	4.6	46.8	1.7	17.3	1.3	13.5	.9	9.2	.3	3.5	.2	1.9	9.8 100 12.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

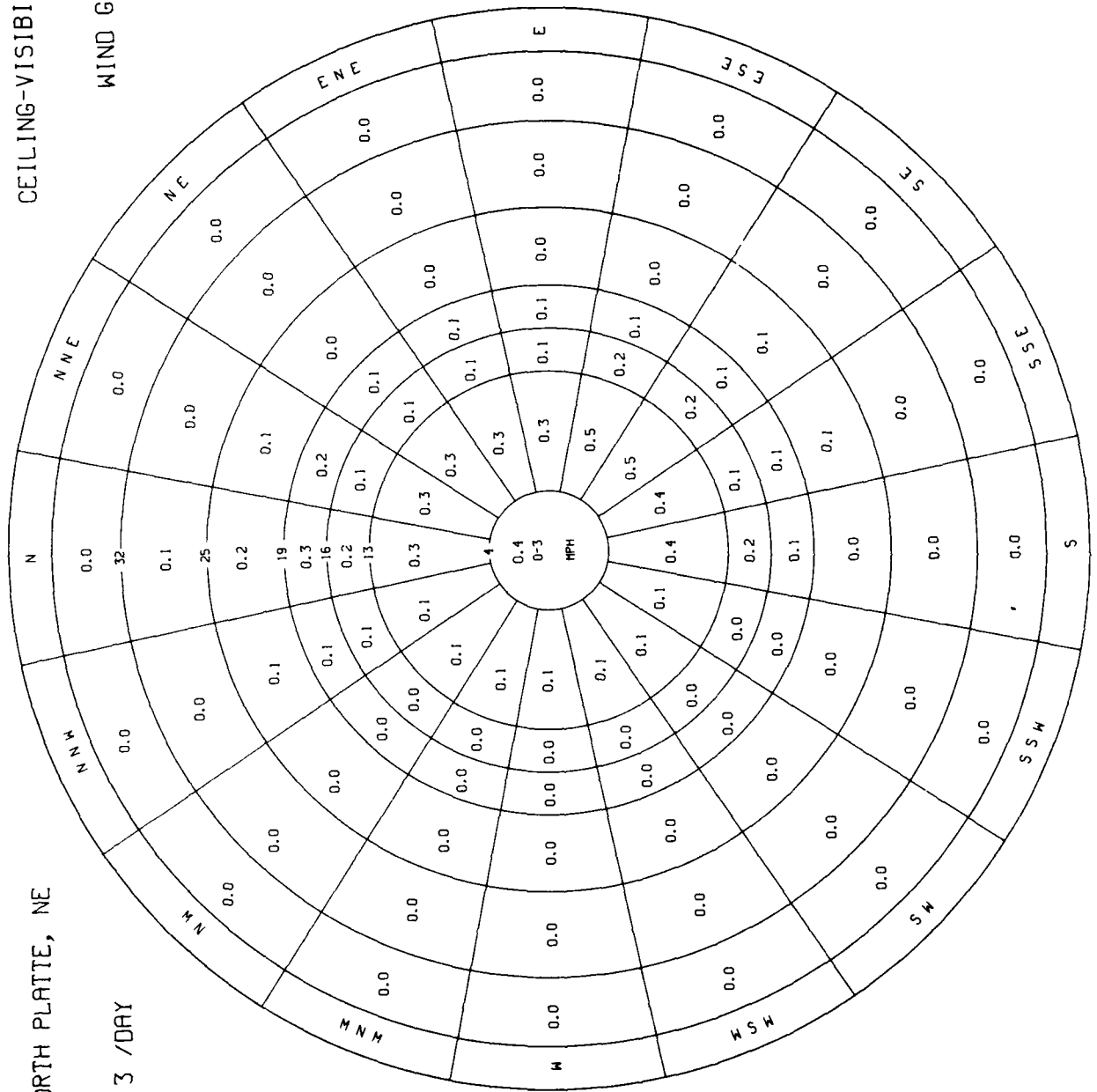
CLASS 2 / NIGHT

STATION NUMBER: 24023

NO. OBS.: 4344

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.5	5.0	.3	2.8	.3	3.0	.3	3.0	.1	.9	.1	.9	1.7 15.9
NNE	.0	.2	.4	3.4	.2	1.6	.2	1.6	.2	1.7	.0	.4	.0	.2	1.0 9.2
NE	.0	.4	.4	3.4	.1	1.1	.1	.7	.1	.5	.0	.2	.0	.0	.7 6.3
ENE	.0	.2	.3	3.1	.1	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.5 4.9
E	.1	.5	.4	3.7	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.6 5.5
ESE	.1	.6	.7	6.4	.2	2.0	.1	.6	.0	.4	.0	.0	.0	.0	1.1 10.1
SE	.0	.3	.6	5.7	.2	1.8	.1	1.0	.1	.7	.0	.2	.0	.0	1.0 9.7
SSE	.0	.2	.5	4.7	.2	1.9	.1	.9	.1	.5	.0	.1	.0	.0	.9 8.3
S	.0	.5	.5	4.5	.2	1.8	.1	.6	.0	.0	.0	.0	.0	.0	.8 7.5
SSW	.0	.1	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
SW	.0	.2	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
WSW	.0	.3	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
W	.0	.3	.1	1.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2 1.5
WNW	.0	.2	.1	1.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2 1.6
NW	.1	.7	.2	2.3	.0	.2	.0	.4	.0	.4	.0	.3	.0	.0	.5 4.4
NNW	.0	.4	.2	2.3	.1	.8	.1	1.1	.1	1.1	.1	.7	.0	.4	.7 6.9
CALM	.5	4.5													.5 4.5
TOTAL	1.0	9.6	5.2	49.9	1.7	16.1	1.1	10.7	.9	9.0	.3	3.0	.2	1.6	10.5 100
															11.8

LBF NORTH PLATTE, NE
 CLASS 3 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

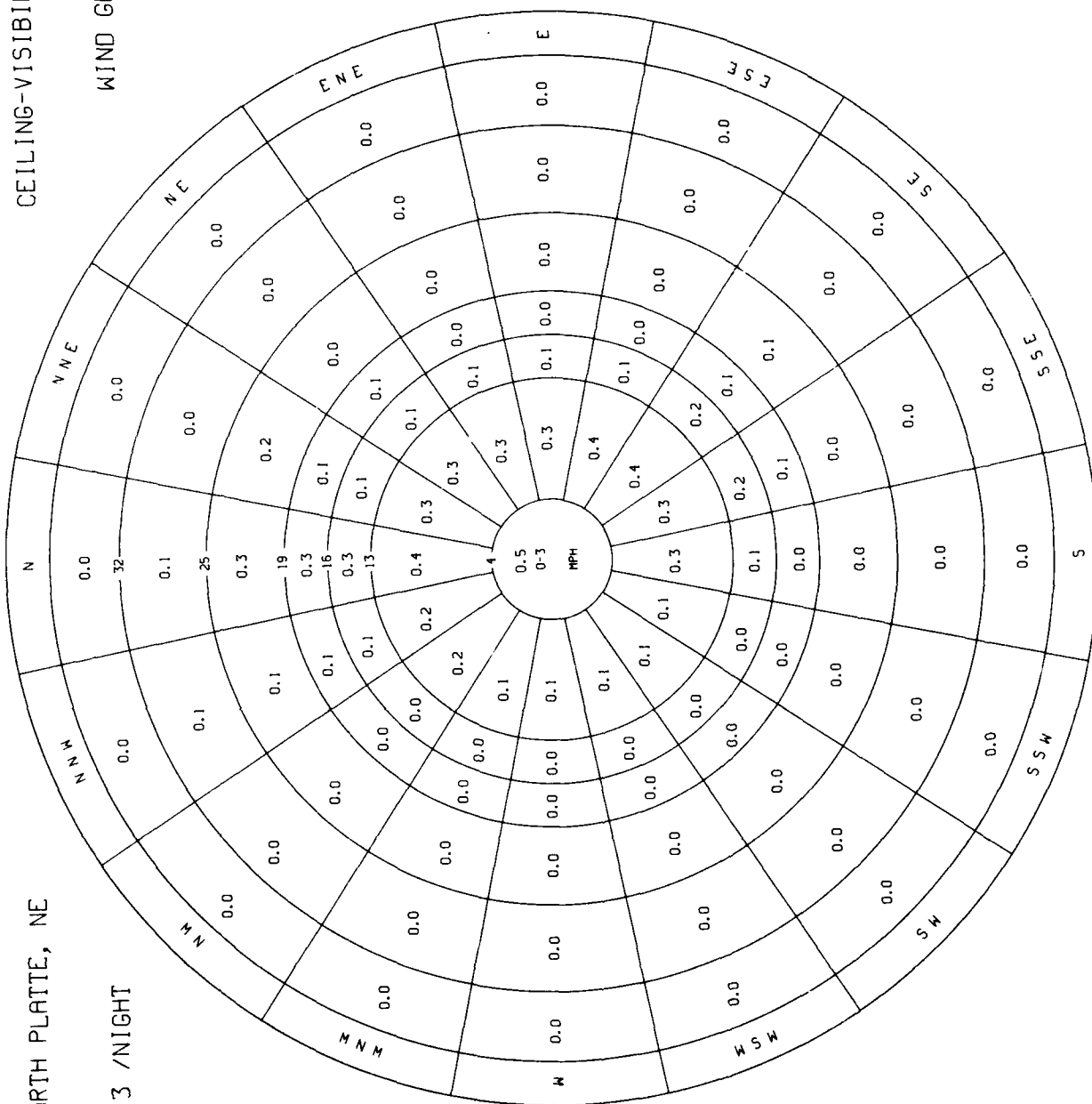
CLASS 3 / DAY

STATION NUMBER: 24023

NO. OBS.: 3780

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.3	3.6	.2	2.7	.3	3.8	.2	3.1	.1	1.0	.0	.2	1.1 14.9
NNE	.0	.1	.3	3.9	.1	1.8	.2	2.0	.1	1.5	.0	.6	.0	.2	.8 10.2
NE	.0	.2	.3	4.2	.1	1.9	.1	1.3	.0	.5	.0	.1	.0	.0	.6 8.2
ENE	.0	.1	.3	3.4	.1	1.1	.1	.8	.0	.2	.0	.0	.0	.0	.4 5.8
E	.0	.5	.3	4.3	.1	1.1	.1	.7	.0	.3	.0	.0	.0	.0	.5 6.9
ESE	.0	.4	.5	6.0	.2	2.0	.1	1.1	.0	.6	.0	.1	.0	.0	.8 10.1
SE	.0	.4	.5	5.8	.2	2.1	.1	1.3	.1	.7	.0	.1	.0	.0	.8 10.5
SSE	.0	.2	.4	4.8	.1	1.9	.1	1.4	.1	.7	.0	.1	.0	.0	.7 9.2
S	.0	.1	.4	4.9	.2	2.4	.1	1.0	.0	.3	.0	.0	.0	.0	.7 8.6
SSW	.0	.2	.1	1.3	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.1 1.8
SW	.0	.2	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.2
WSW	.0	.1	.1	.7	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1 1.0
W	.0	.2	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.1
WNW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.1 1.2
NW	.0	.1	.1	1.1	.0	.2	.0	.4	.0	.3	.0	.3	.0	.1	.2 2.5
NNW	.0	.1	.1	1.2	.1	.8	.1	.8	.1	.9	.0	.6	.0	.4	.4 4.9
CALM	.2	2.1													.2 2.1
TOTAL	.4	5.6	3.7	47.8	1.4	18.7	1.1	14.7	.7	9.3	.2	3.1	.1	.9	7.7 100
															12.6

CEILING-VISIBILITY
WIND GRAPH



LBF NORTH PLATTE, NE
CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 3 / NIGHT

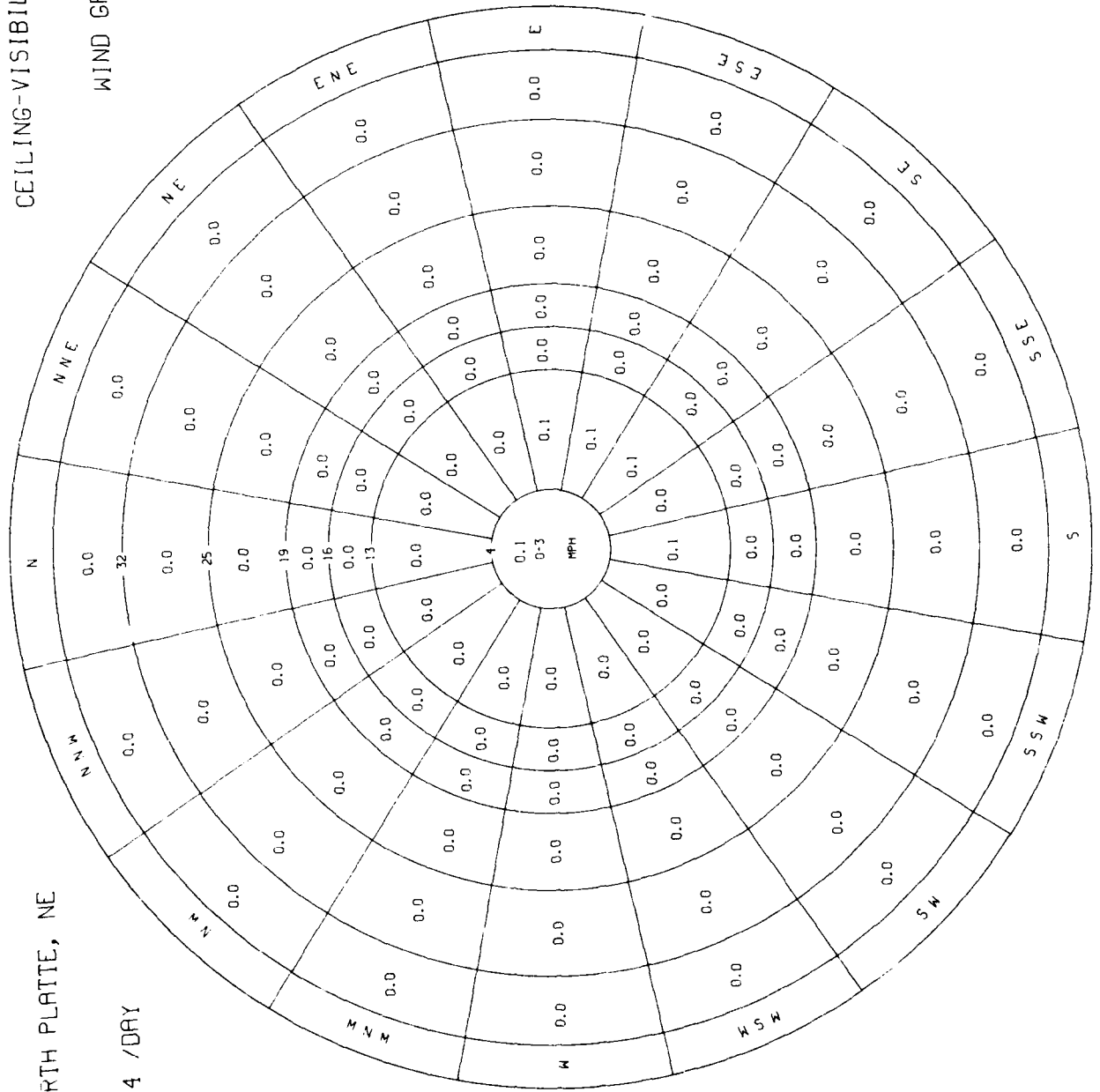
STATION NUMBER: 24023

NO. OBS.: 3104

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.2	.4	5.7	.3	3.4	.3	3.5	.3	3.6	.1	.8	.0	.3	1.3	17.4	15.3
NNE	.0	.0	.3	3.8	.1	2.0	.1	2.0	.2	2.1	.0	.5	.0	.1	.8	10.6	15.0
NE	.0	.3	.3	3.5	.1	1.2	.1	.8	.0	.5	.0	.3	.0	.0	.5	6.5	12.2
ENE	.0	.1	.3	3.4	.1	1.2	.0	.4	.0	.3	.0	.0	.0	.0	.4	5.5	11.1
E	.0	.4	.3	4.2	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.4	5.8	9.4
ESE	.0	.5	.4	5.7	.1	1.8	.0	.6	.0	.3	.0	.0	.0	.0	.7	8.9	10.3
SE	.0	.3	.4	5.6	.2	2.1	.1	1.1	.1	.8	.0	.2	.0	.0	.8	10.1	12.0
SSE	.0	.1	.3	4.5	.2	2.2	.1	1.0	.0	.6	.0	.1	.0	.0	.6	8.5	12.2
S	.0	.4	.3	4.1	.1	2.0	.0	.6	.0	.1	.0	.1	.0	.0	.5	7.2	10.8
SSW	.0	.1	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	8.6
SW	.0	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	6.9
WSW	.0	.3	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	7.3
W	.0	.2	.1	.8	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	8.3
WNW	.0	.1	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.4	9.8
NW	.0	.4	.2	2.2	.0	.3	.0	.4	.0	.4	.0	.3	.0	.0	.3	4.0	12.0
NNW	.0	.2	.2	2.3	.1	1.0	.1	1.3	.1	1.2	.1	.7	.0	.2	.5	6.9	15.6
CALM	.2	3.0													.2	3.0	
TOTAL	.5	6.6	3.7	49.1	1.4	18.1	.9	12.1	.8	10.4	.2	3.0	.1	.7	7.5	100	12.2

CEILING-VISIBILITY

WIND GRAPH



LBF NORTH PLATTE, NE

CLASS 4 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: USF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 24023

NO. OBS.: 661

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.5	.0	2.3	.0	1.2	.0	1.7	.0	3.5	.0	1.4	.0	.6	.1	11.0	18.3
NNE	.0	.0	.0	2.0	.0	1.8	.0	2.0	.0	1.7	.0	.8	.0	.2	.1	8.3	16.3
NE	.0	.3	.0	2.0	.0	.8	.0	.9	.0	.9	.0	.0	.0	.0	.1	5.9	12.5
ENE	.0	.3	.0	2.3	.0	1.4	.0	.5	.0	.2	.0	.0	.0	.0	.1	4.5	11.0
E	.0	.3	.1	5.0	.0	1.4	.0	.8	.0	.3	.0	.0	.0	.0	.1	7.7	10.1
ESE	.0	.8	.1	8.2	.0	2.6	.0	.9	.0	.6	.0	.2	.0	.0	.2	13.2	10.8
SE	.0	.3	.1	5.7	.0	2.0	.0	1.8	.0	1.1	.0	.2	.0	.0	.1	11.0	12.1
SSE	.0	.9	.0	3.2	.0	2.6	.0	1.2	.0	.2	.0	.5	.0	.0	.1	8.5	12.1
S	.0	.3	.1	3.9	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.1	5.7	10.7
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.5
SW	.0	.5	.0	1.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
WSW	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.9	9.5
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.2
WNW	.0	.3	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	2.6	9.3
NW	.0	.6	.0	1.8	.0	.9	.0	.3	.0	.3	.0	.8	.0	.0	.1	4.7	12.8
NNW	.0	.0	.0	1.2	.0	.0	.0	.8	.0	.8	.0	1.2	.0	.9	.1	5.1	21.0
CALM	.1	5.3													.1	5.3	
TOTAL	.1	10.4	.6	45.7	.2	16.3	.2	11.3	.1	9.4	.1	5.1	.0	1.7	1.3	100	12.2

AD-A108 163

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/6 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

JUN 81

DOT-FA79WAI-057

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UNCLASSIFIED

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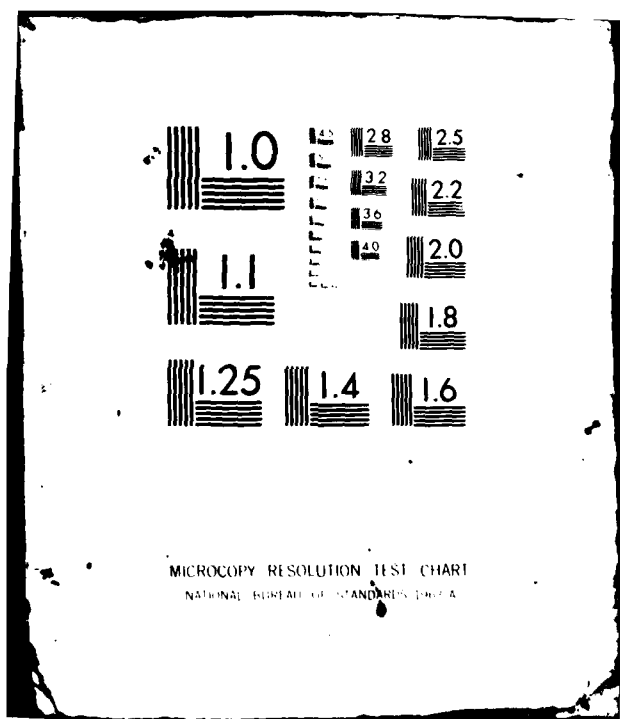
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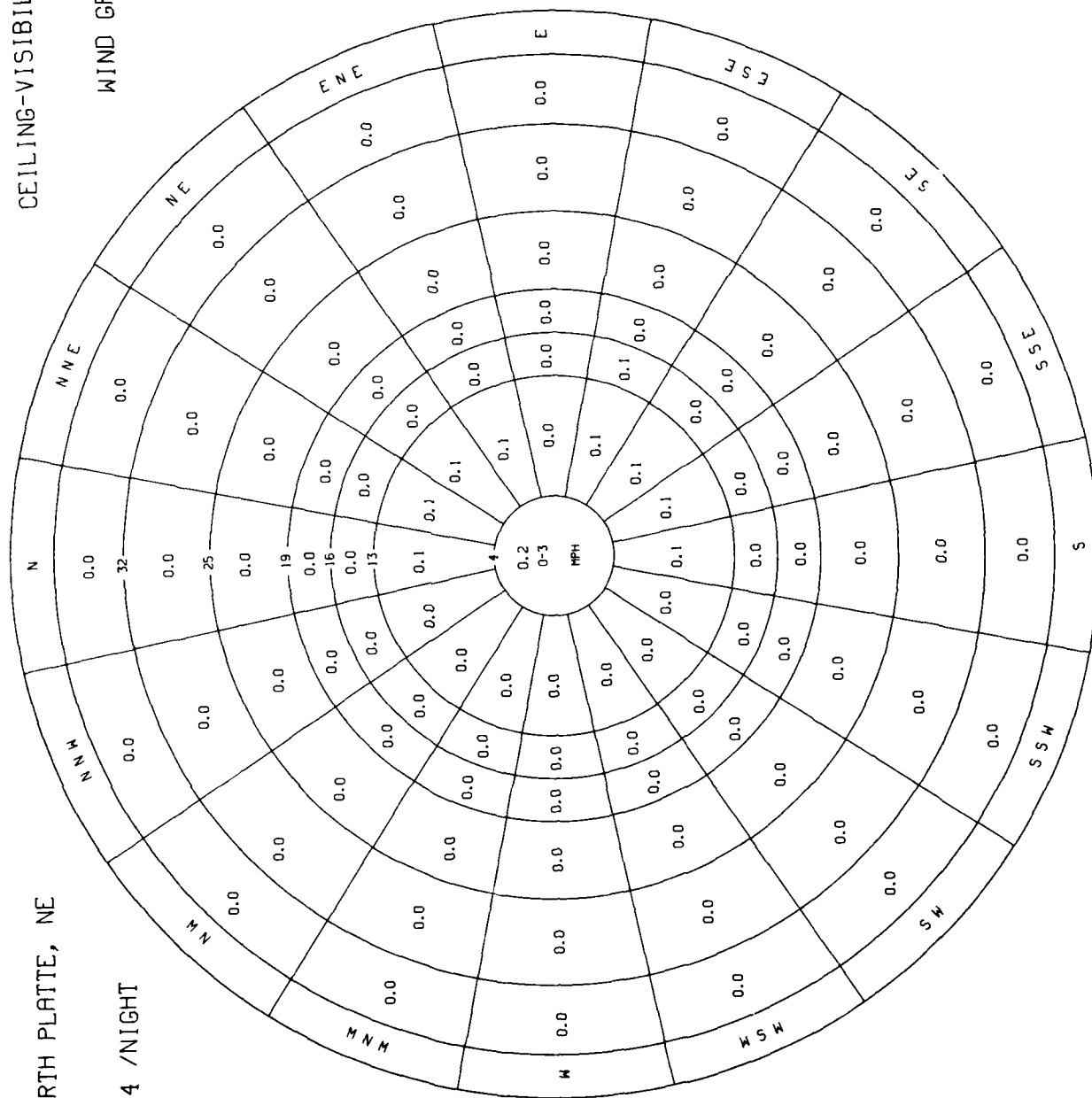
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CEILING-VISIBILITY

WIND GRAPH



LBF NORTH PLATTE, NE

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LBF NORTH PLATTE, NE

CLASS 4 / NIGHT

NO. OBS.: 775

STATION NUMBER: 24023

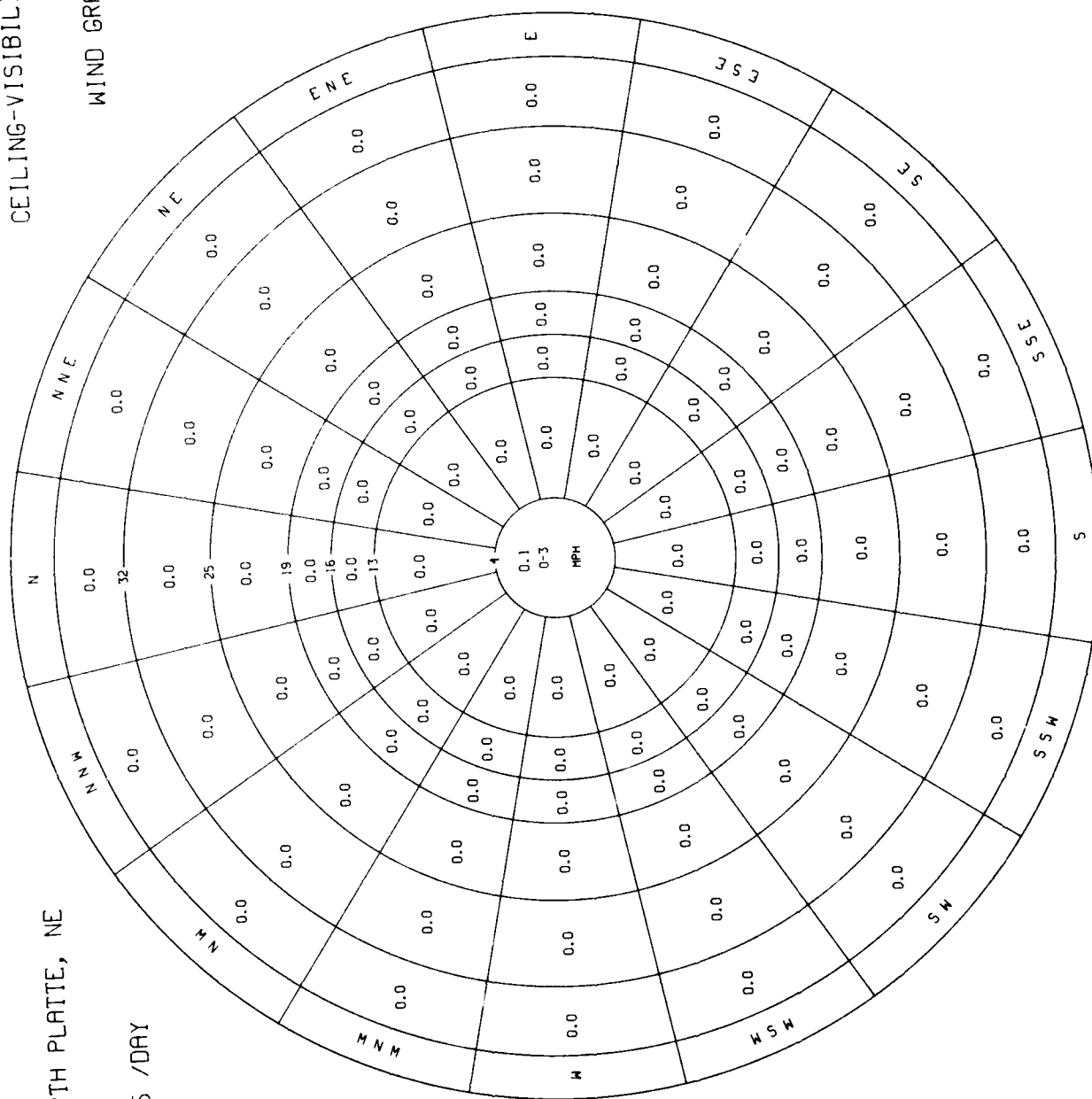
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.5	.1	3.6	.0	1.5	.0	2.5	.0	2.1	.0	.9	.0	1.3	.2	12.4	17.2
NNE	.0	.5	.1	3.2	.0	1.0	.0	1.0	.0	1.2	.0	.4	.0	.5	.1	7.9	15.0
NE	.0	.4	.1	3.2	.0	1.0	.0	.8	.0	.5	.0	.0	.0	.0	.1	5.9	11.4
ENE	.0	.1	.1	2.8	.0	.9	.0	.1	.0	.1	.0	.0	.0	.0	.1	4.1	10.2
E	.0	.6	.0	2.6	.0	.6	.0	.4	.0	.3	.0	.1	.0	.0	.1	4.6	10.1
ESE	.0	.8	.1	7.4	.1	3.1	.0	.6	.0	.9	.0	.0	.0	.0	.2	12.8	10.8
SE	.0	.1	.1	5.0	.0	1.5	.0	1.3	.0	.6	.0	.1	.0	.0	.2	8.8	12.1
SSE	.0	.1	.1	6.3	.0	1.7	.0	.6	.0	.3	.0	.0	.0	.0	.2	9.0	10.3
S	.0	.5	.1	5.9	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.2	9.0	10.1
SSW	.0	.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.2
SW	.0	.3	.0	1.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.5	7.8
WSW	.0	.1	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.5
W	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	2.6	7.1
WNW	.0	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.0	8.4
NW	.0	.9	.0	2.5	.0	.0	.0	.3	.0	.1	.0	.4	.0	.0	.1	4.1	8.5
NNW	.0	.9	.0	1.9	.0	.5	.0	.9	.0	1.5	.0	1.0	.0	.6	.1	7.5	16.4
CALM	.1	5.8													.1	5.8	
TOTAL	.2	12.4	1.0	51.1	.3	13.9	.2	9.2	.1	7.9	.1	3.1	.0	2.5	.9	100	11.3

CEILING-VISIBILITY

WIND GRAPH

LBF NORTH PLATTE, NE

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 5 / DAY

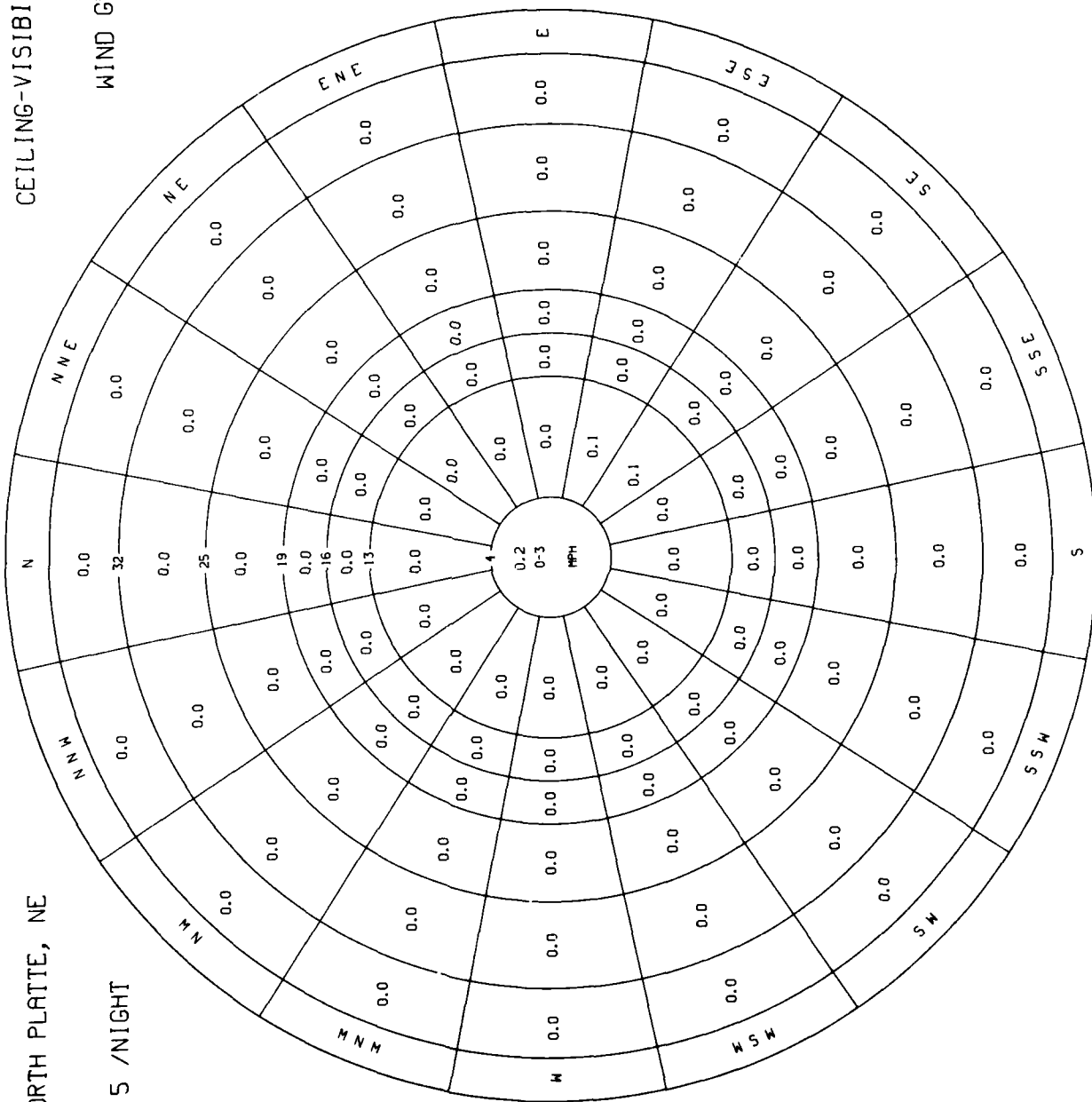
STATION NUMBER: 24023

NO. OBS.: 250

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.2	.0	.0	.0	1.2	.0	3.6	.0	3.2	.0	3.2	.1 12.4
NNE	.0	.8	.0	1.2	.0	.0	.0	.8	.0	2.0	.0	.8	.0	1.2	.0 6.8
NE	.0	.0	.0	2.8	.0	.0	.0	1.2	.0	.4	.0	.0	.0	.0	.0 4.4
ENE	.0	.0	.0	2.0	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0 3.2
E	.0	.8	.0	3.6	.0	1.6	.0	.4	.0	.4	.0	.0	.0	.0	.0 6.8
ESE	.0	1.2	.0	7.6	.0	1.2	.0	.0	.0	.4	.0	.0	.0	.0	.1 10.4
SE	.0	.8	.0	6.0	.0	1.2	.0	.8	.0	.0	.0	.4	.0	.0	.0 9.2
SSE	.0	1.2	.0	3.6	.0	.0	.0	.4	.0	.4	.0	.0	.0	.0	.0 5.6
S	.0	.4	.0	2.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
SW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
W	.0	.4	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0 4.4
WNW	.0	.4	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
NW	.0	1.2	.0	2.8	.0	.0	.0	.0	.0	.8	.0	1.2	.0	1.2	.0 7.2
NNW	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	2.8	.0	1.2	.0	2.0	.0 8.8
CALM	.1	11.6													.1 11.6
TOTAL	.1	20.4	.2	43.2	.0	5.6	.0	5.2	.1	10.8	.0	6.8	.0	8.0	.5 100
															12.3

CEILING-VISIBILITY

WIND GRAPH



LBF NORTH PLATTE, NE

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LBF NORTH PLATTE, NE

CLASS 5 / NIGHT

NO. OBS.: 304

STATION NUMBER: 24023

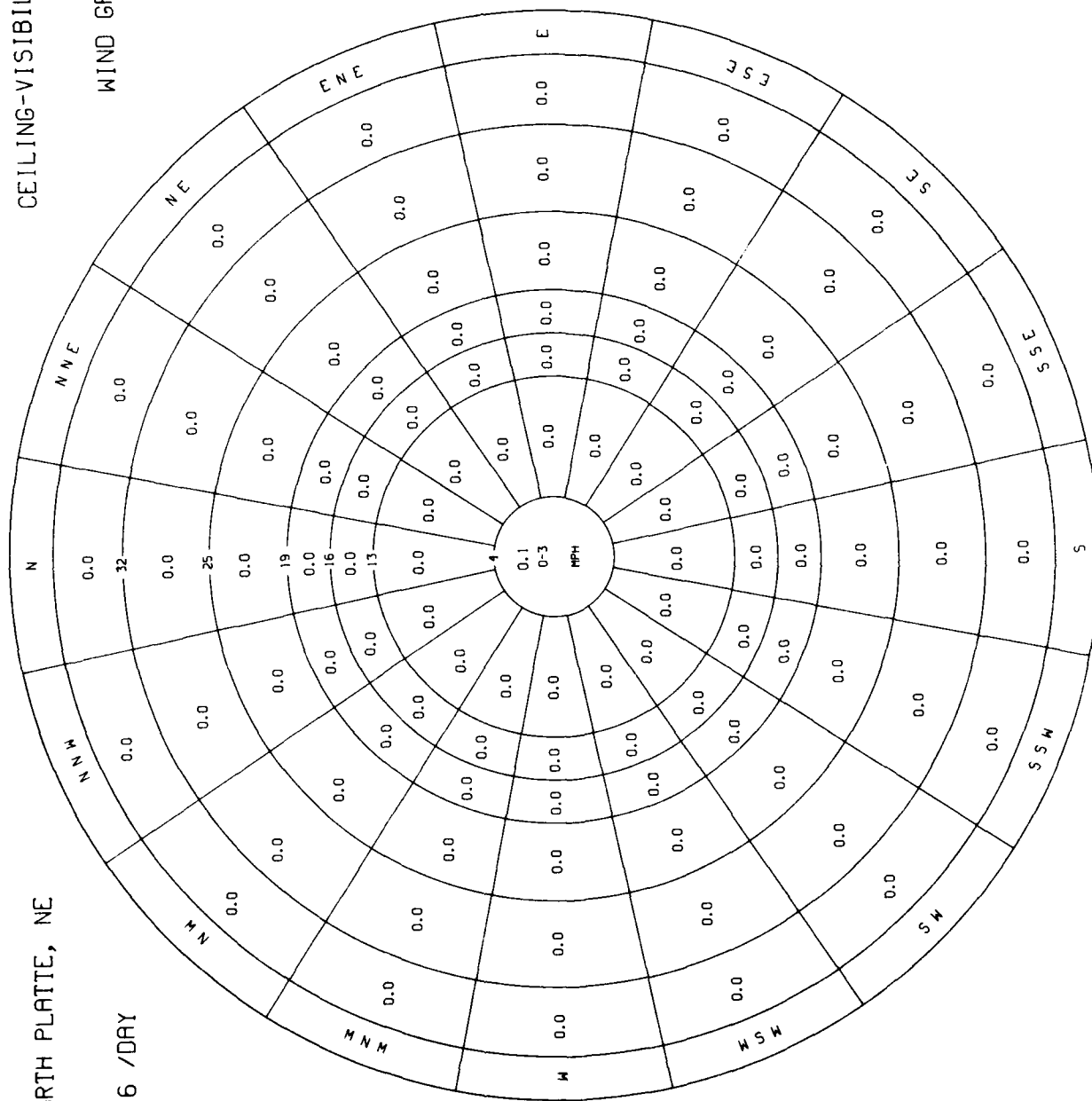
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED
	0-3			4-12			13-15			16-18			19-24			TOTAL
	A	B		A	B		A	B		A	B		A	B		
N	.0	.7		.0	2.6		.0	1.0		.0	.7		.0	.7		.1 9.2
NNE	.0	1.0		.0	.7		.0	.3		.0	.3		.0	.0		.0 2.6
NE	.0	1.6		.0	2.3		.0	.3		.0	.3		.0	.0		.0 4.6
ENE	.0	.7		.0	1.3		.0	.3		.0	.3		.0	.0		.0 2.6
E	.0	.0		.0	3.6		.0	1.0		.0	1.0		.0	.0		.0 5.6
ESE	.0	1.3		.1	7.6		.0	1.3		.0	1.0		.0	.0		.1 11.2
SE	.0	.3		.1	7.2		.0	1.0		.0	.3		.0	.0		.1 8.9
SSE	.0	1.0		.0	3.3		.0	1.0		.0	.7		.0	.0		.0 5.9
S	.0	.3		.0	5.3		.0	1.0		.0	.0		.0	.0		.0 6.6
SSW	.0	.7		.0	2.0		.0	.0		.0	.0		.0	.0		.0 2.6
SW	.0	1.0		.0	4.3		.0	.3		.0	.0		.0	.0		.0 5.6
WSW	.0	.3		.0	2.3		.0	.0		.0	.0		.0	.0		.0 2.6
W	.0	.3		.0	1.6		.0	.0		.0	.0		.0	.0		.0 2.0
WNW	.0	.7		.0	3.0		.0	.0		.0	.0		.0	.0		.0 4.6
NW	.0	1.6		.0	4.3		.0	.3		.0	.7		.0	.3		.1 8.6
NNW	.0	.3		.0	2.6		.0	.0		.0	.0		.0	.0		.0 5.3
CALM	.1	11.5														.1 11.5
TOTAL	.2	23.4		.4	53.9		.1	7.9		.0	5.3		.0	2.0		.7 100

CEILING-VISIBILITY

WIND GRAPH

LBF NORTH PLATTE, NE

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 6 / DAY

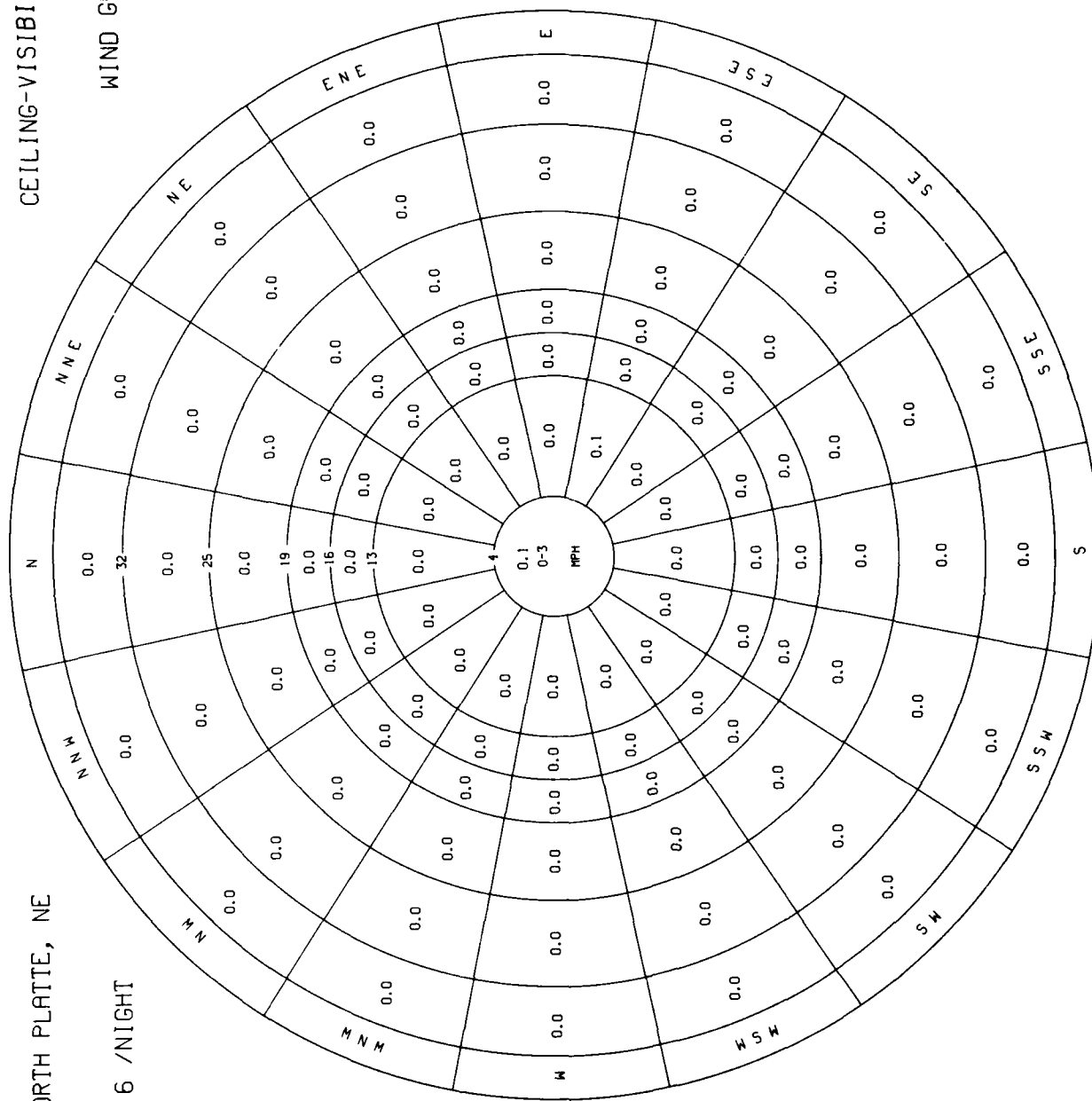
STATION NUMBER: 24023

NO. OBS.: 118

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.0	1.7	.0	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	7.6	.0	12.7	30.2	
NNE	.0	.0	.0	.8	.0	.0	.0	.8	.0	.0	.0	.8	.0	.8	.0	2.5	.0	5.1	27.3
NE	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	2.5	17.3	
ENE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0	
E	.0	1.7	.0	1.7	.0	.8	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	5.1	8.5	
ESE	.0	1.7	.0	1.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	7.8	
SE	.0	1.7	.0	2.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	7.2	
SSE	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0	
SW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0	
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0	
W	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.2	
WNW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	4.2	13.6	
NW	.0	.8	.0	2.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0	7.6	21.9	
NNW	.0	.0	.0	.0	.0	.0	.0	.8	.0	2.5	.0	1.7	.0	9.3	.0	14.4	32.9		
CALM	.0	19.5														.0	19.5		
TOTAL	.1	33.9	.1	28.8	.0	3.4	.0	4.2	.0	2.5	.0	2.5	.0	24.6	.2	100		15.0	

CEILING-VISIBILITY

WIND GRAPH



LBF NORTH PLATTE, NE

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LBF NORTH PLATTE, NE

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 24023

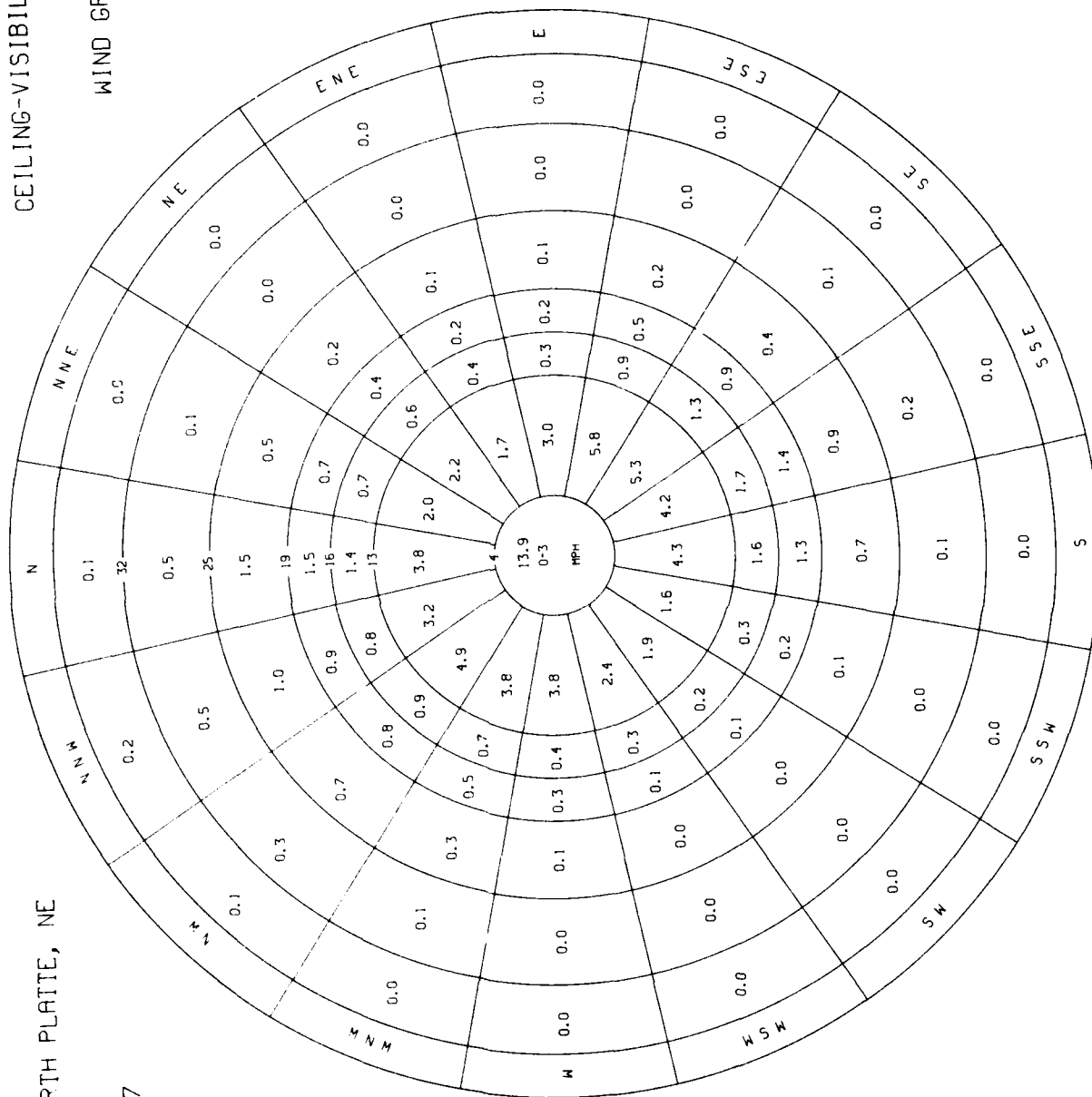
NO. OBS.: 161

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.2	.0	3.7	.0	.0	.0	.0	.0	.6	.0	.6	.0	9.9	.1 16.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0 46.0
NE	.0	.6	.0	3.7	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0 5.6
ENE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.0
E	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
ESE	.0	2.5	.1	13.0	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.1 18.6
SE	.0	.0	.0	6.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.5
SSE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
S	.0	2.5	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.2
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
SW	.0	1.2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
WSW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
W	.0	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
WNW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
NW	.0	2.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
NNW	.0	.6	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0 6.8
CALM	.1	13.7													.1 13.7
TOTAL	.1	29.2	.2	52.2	.0	2.5	.0	1.2	.0	1.9	.0	.6	.0	12.4	.4 100

CEILING-VISIBILITY WIND GRAPH

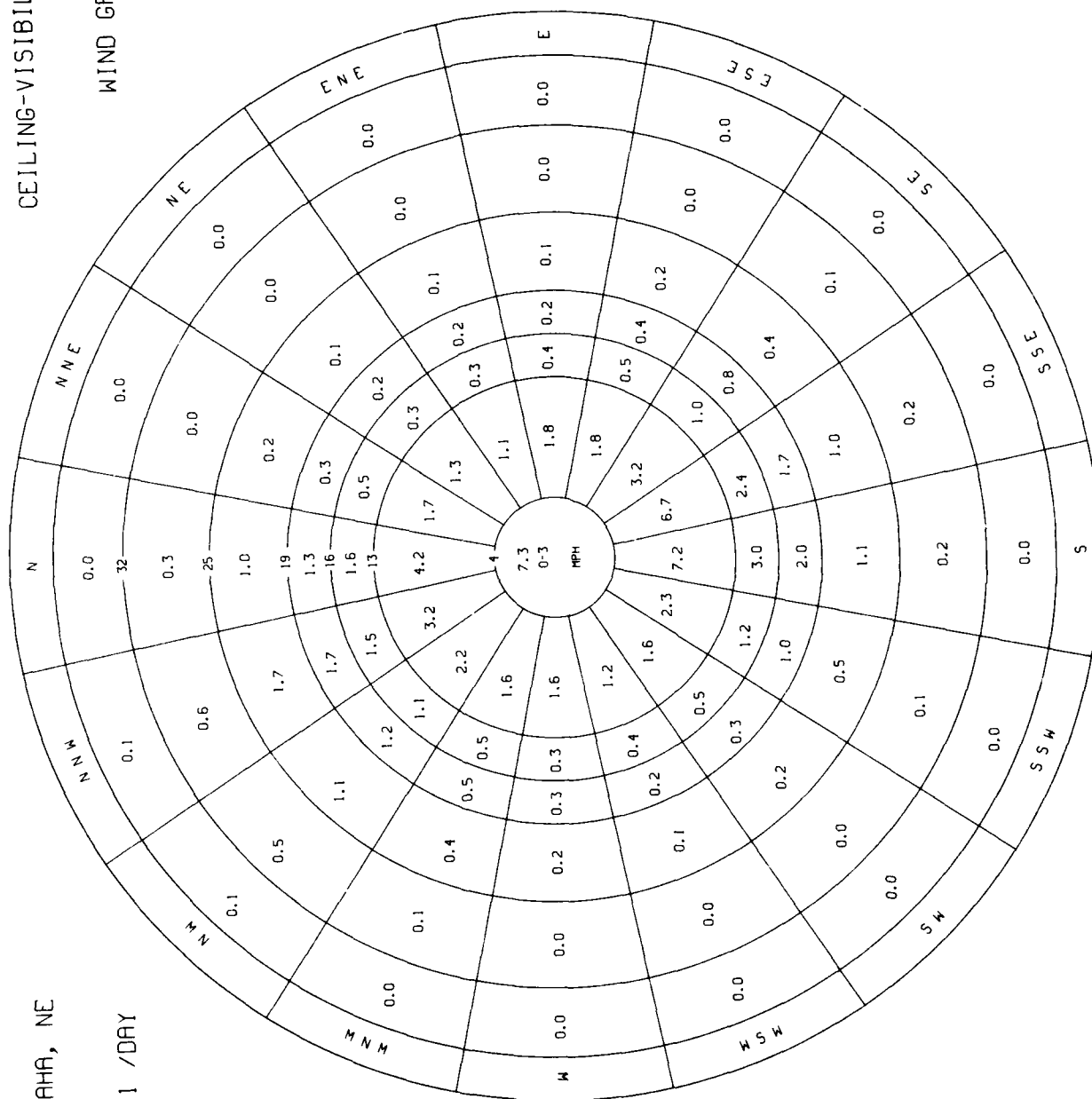
LBF NORTH PLATTE, NE

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OMA OMAHA, NE

CLASS 1 / DAY

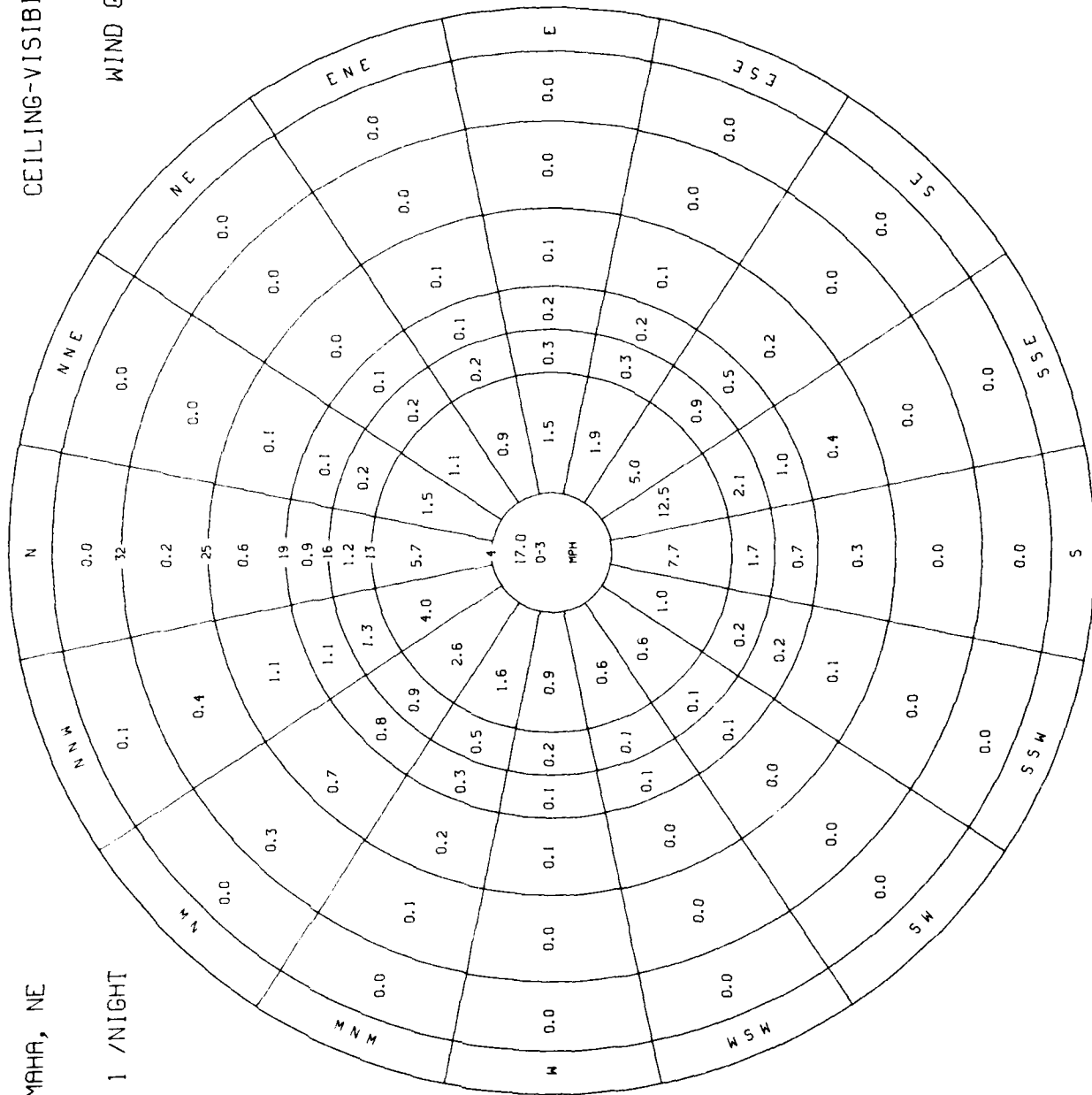
STATION NUMBER: 14942

NO. OBS.: 42707

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.4	.5	4.2	4.7	1.6	1.8	1.3	1.5	1.0	1.2	.3	.3	.0	.0	8.9 10.0
NNE	.2	.2	1.7	1.9	.5	.6	.3	.4	.2	.2	.0	.0	.0	.0	2.9 3.3
NE	.2	.2	1.3	1.5	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.2 2.4
ENE	.2	.3	1.1	1.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	1.9 2.2
E	.4	.5	1.8	2.1	.4	.4	.2	.3	.1	.2	.0	.0	.0	.0	3.0 3.4
ESE	.3	.3	1.8	2.1	.5	.6	.4	.4	.2	.2	.0	.0	.0	.0	3.2 3.6
SE	.5	.5	3.2	3.6	1.0	1.1	.8	.9	.4	.5	.1	.1	.0	.0	6.0 6.7
SSE	.5	.5	6.7	7.5	2.4	2.7	1.7	1.9	1.0	1.1	.2	.2	.0	.0	12.4 14.0
S	.5	.5	7.2	8.1	3.0	3.4	2.0	2.3	1.1	1.2	.2	.2	.0	.0	13.9 15.6
SSW	.2	.3	2.3	2.6	1.2	1.3	1.0	1.1	.5	.6	.1	.1	.0	.0	5.4 6.1
SW	.2	.3	1.6	1.8	.5	.6	.3	.4	.2	.2	.0	.0	.0	.0	2.9 3.3
WSW	.2	.2	1.2	1.3	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	2.1 2.4
W	.2	.3	1.6	1.8	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	2.6 3.0
WNW	.2	.2	1.6	1.8	.5	.6	.5	.6	.4	.4	.1	.2	.0	.0	3.4 3.8
NW	.4	.4	2.2	2.5	1.1	1.2	1.2	1.3	1.1	1.2	.5	.5	.1	.1	6.5 7.3
NNW	.3	.3	3.2	3.6	1.5	1.7	1.7	1.9	1.7	1.9	.6	.7	.1	.1	9.1 10.3
CALM	2.3	2.6													2.3 2.6
TOTAL	7.3	8.2	42.8	48.2	15.6	17.6	12.3	13.9	8.2	9.3	2.2	2.5	.3	.3	88.8 100
															11.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DMA OMAHA, NE

PERIOD: 1948-1978

CLASS 1 / NIGHT

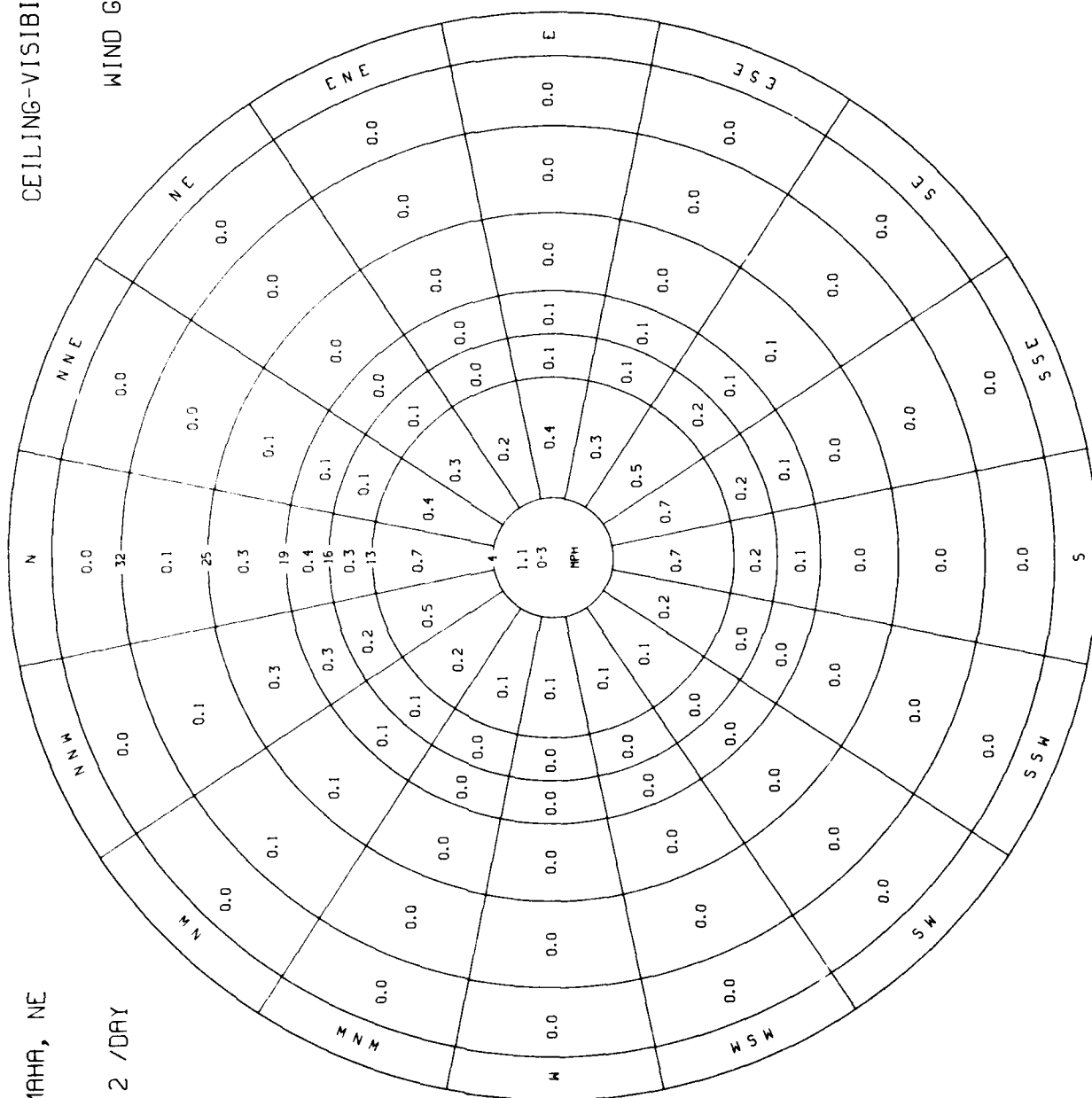
STATION NUMBER: 14942

NO. OBS.: 37407

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.9	1.1	5.7	6.4	1.2	1.4	.9	1.0	.6	.7	.2	.2	.0	.0	.9	10.9	10.5					
NNE	.5	.5	1.5	1.7	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	.2	2.8	8.6					
NE	.5	.6	1.1	1.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	2.1	7.4					
ENE	.4	.4	.9	1.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	1.8	8.3					
E	.7	.8	1.5	1.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.2	3.0	8.1					
ESE	.7	.8	1.9	2.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.3	3.7	8.4					
SE	1.4	1.6	5.0	5.6	.9	1.0	.5	.6	.2	.2	.0	.0	.0	.0	.8	9.1	8.6					
SSE	1.5	1.7	12.5	14.2	2.1	2.4	1.0	1.1	.4	.5	.0	.0	.0	.0	17.5	19.8	9.2					
S	.9	1.1	7.7	8.7	1.7	1.9	.7	.8	.3	.3	.0	.0	.0	.0	11.3	12.9	9.6					
SSW	.3	.4	1.0	1.1	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	1.8	2.0	9.3					
SW	.3	.3	.6	.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.1	1.2	8.3					
WSW	.2	.2	.6	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.0	1.1	8.8					
W	.3	.3	.9	1.1	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	1.7	1.9	9.5					
WNW	.3	.3	1.6	1.8	.5	.5	.3	.3	.2	.3	.1	.1	.0	.0	2.9	3.3	11.0					
NW	.7	.7	2.6	2.9	.9	1.0	.8	.9	.7	.8	.3	.3	.0	.0	5.9	6.7	12.2					
NNW	.7	.8	4.0	4.5	1.3	1.4	1.1	1.3	1.1	1.2	.4	.4	.1	.1	8.7	9.9	12.4					
CALM	6.8	7.8													6.8	7.8						
TOTAL	17.0	19.3	48.9	55.5	10.3	11.7	6.4	7.3	4.1	4.7	1.1	1.3	.2	.2	88.1	100	9.0					

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 2 / DAY

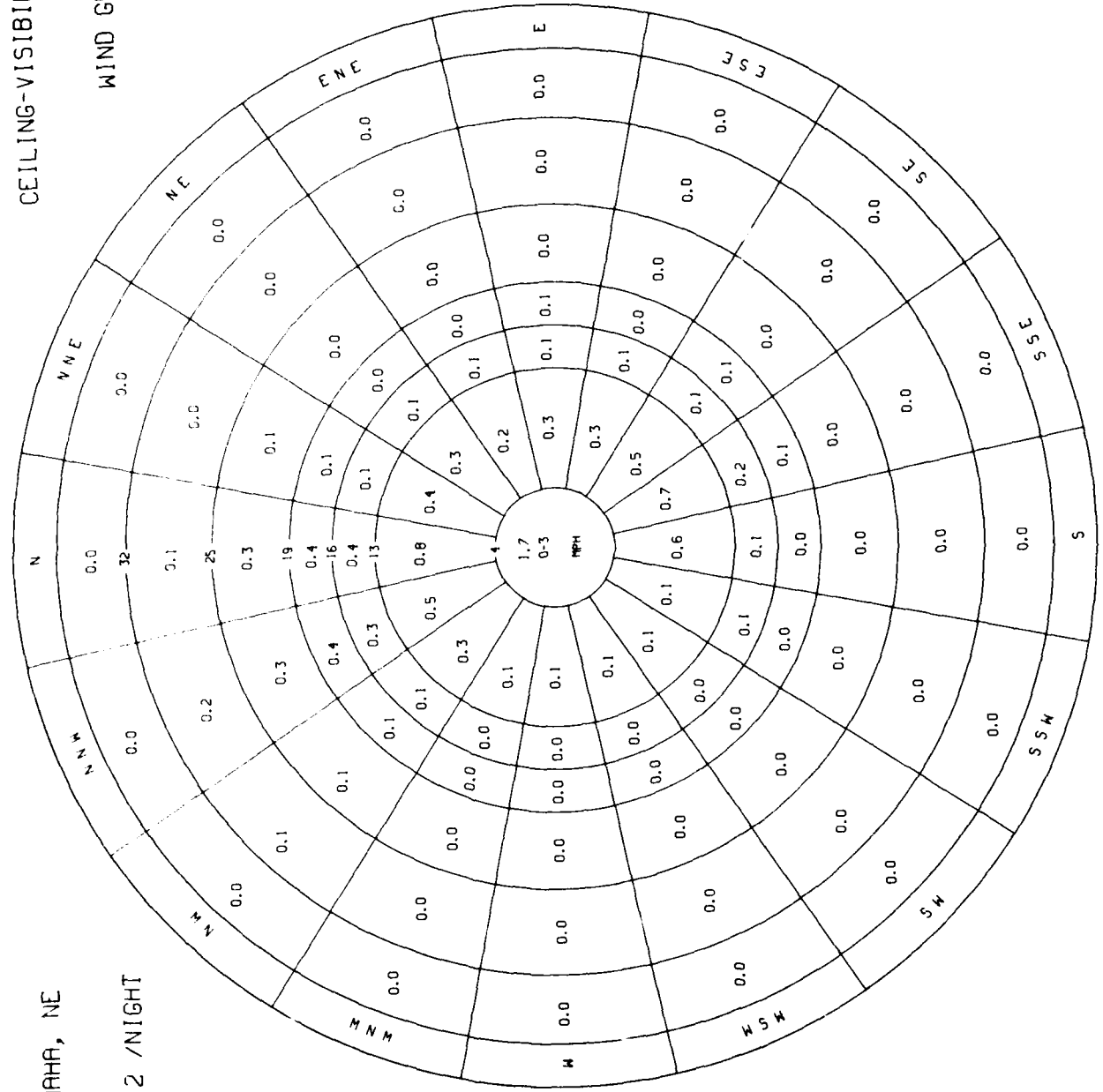
STATION NUMBER: 14942

NO. OBS.: 5392

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.1	.6	.7	5.8	.3	3.1	.4	3.7	.3	2.7	.1	1.1	.0	.2	1.9	17.2	14.8
NNE	.0	.3	.4	3.2	.1	1.3	.1	.9	.1	.5	.0	.1	.0	.0	.7	6.3	12.1
NE	.0	.4	.3	2.5	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.5	4.2	10.5
ENE	.0	.3	.2	1.8	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.4	3.3	10.6
E	.1	.5	.4	3.2	.1	.8	.1	.5	.0	.4	.0	.1	.0	.1	.6	5.7	11.4
ESE	.0	.4	.3	2.5	.1	1.1	.1	.8	.0	.4	.0	.1	.0	.0	.6	5.2	11.5
SE	.1	.7	.5	4.3	.2	1.6	.1	1.3	.1	.7	.0	.1	.0	.0	1.0	8.8	11.5
SSE	.1	1.1	.7	6.3	.2	1.8	.1	.9	.0	.4	.0	.0	.0	.0	1.2	10.6	10.0
S	.1	.7	.7	5.8	.2	1.4	.1	.6	.0	.2	.0	.1	.0	.0	1.0	8.7	9.6
SSW	.0	.2	.2	1.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.2	2.0	9.7
SW	.0	.1	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	8.7
WSW	.0	.1	.1	.6	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.8	9.4
W	.0	.1	.1	1.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.4	9.3
WNW	.0	.2	.1	1.0	.0	.3	.0	.3	.0	.3	.0	.1	.0	.0	.3	2.2	12.6
NW	.0	.3	.2	1.7	.1	.7	.1	.9	.1	1.0	.1	.6	.0	.3	.6	5.5	16.0
NNW	.0	.4	.5	4.0	.2	2.1	.3	2.9	.3	2.7	.1	1.2	.0	.1	1.5	13.4	15.7
CALM	.4	3.5													.4	3.5	
TOTAL	1.1	10.1	5.2	46.1	1.8	15.7	1.5	13.7	1.1	9.9	.4	3.6	.1	.8	11.2	100	12.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 2 / NIGHT

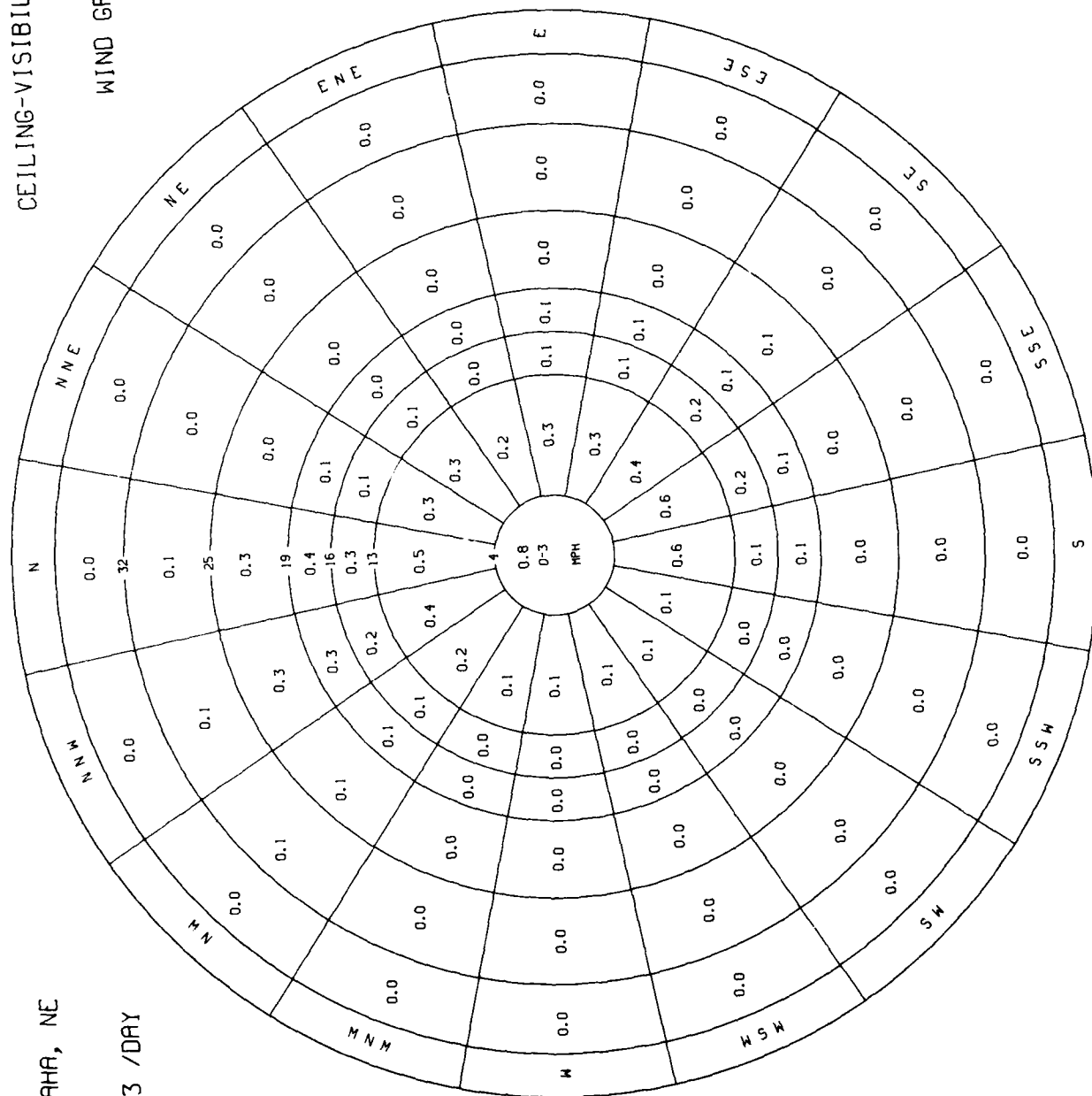
STATION NUMBER: 14942

NO. OBS.: 5057

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	.8	.8	6.8	.4	3.3	.4	3.2	.3	2.7	.1	1.0	.0	.3	2.2	18.1	14.2
NNE	.0	.3	.4	3.1	.1	1.1	.1	.9	.1	.6	.0	.2	.0	.0	.7	6.1	12.4
NE	.1	.6	.3	2.2	.1	.5	.0	.4	.0	.3	.0	.0	.0	.0	.5	4.0	9.9
ENE	.0	.3	.2	1.5	.1	.5	.0	.3	.0	.1	.0	.1	.0	.0	.3	2.7	10.5
E	.1	.6	.3	2.6	.1	.8	.1	.5	.0	.3	.0	.1	.0	.0	.6	4.9	10.3
ESE	.1	.5	.3	2.7	.1	.9	.0	.3	.0	.1	.0	.1	.0	.0	.6	4.6	10.0
SE	.1	1.1	.5	4.3	.1	1.2	.1	.8	.0	.3	.0	.0	.0	.0	.9	7.7	9.8
SSE	.1	1.0	.7	6.1	.2	1.8	.1	.8	.0	.2	.0	.0	.0	.0	1.2	9.9	9.7
S	.1	1.0	.6	5.3	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.9	7.8	8.9
SSW	.0	.4	.1	1.2	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.2	9.4
SW	.0	.3	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	8.9
WSW	.0	.2	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	8.7
W	.0	.3	.1	.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.3	8.4
WNW	.0	.2	.1	1.2	.0	.3	.0	.3	.0	.2	.0	.1	.0	.1	.3	2.4	12.0
NW	.1	.5	.3	2.1	.1	.9	.1	1.0	.1	1.1	.1	.6	.0	.1	.7	6.3	14.5
NNW	.1	.7	.5	3.9	.3	2.6	.4	3.1	.3	2.7	.2	1.6	.0	.3	1.8	15.0	15.9
CALM	.6	5.0													.6	5.0	
TOTAL	1.7	13.9	5.3	44.9	1.9	15.7	1.4	12.1	1.1	8.9	.4	3.8	.1	.8	11.9	100	11.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 3 / DAY

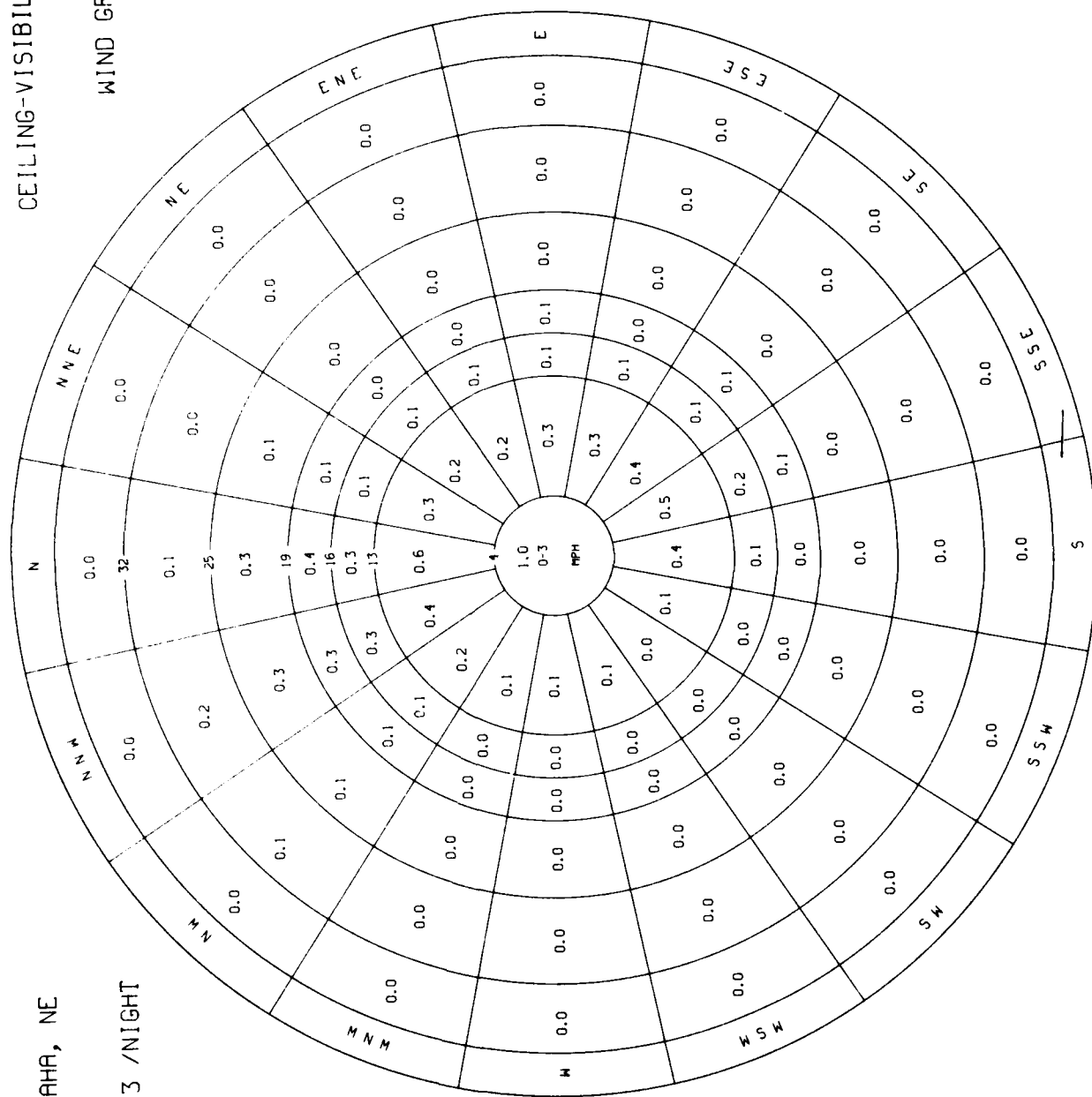
STATION NUMBER: 14942

NO. OBS.: 4674

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.5	5.4	.3	3.1	.4	4.0	.3	2.6	.1	.9	.0	.1	1.6 16.7 14.8
NNE	.0	.3	.3	3.3	.1	1.4	.1	.9	.0	.4	.0	.1	.0	.0	.6 6.5 12.1
NE	.0	.3	.3	2.7	.1	.8	.0	.3	.0	.3	.0	.1	.0	.0	.4 4.4 10.7
ENE	.0	.3	.2	1.9	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.3 3.3 10.9
E	.0	.4	.3	3.4	.1	.9	.1	.6	.0	.4	.0	.1	.0	.1	.6 5.9 11.6
ESE	.0	.4	.3	2.6	.1	1.2	.1	.8	.0	.4	.0	.1	.0	.0	.5 5.5 11.6
SE	.1	.7	.4	4.2	.2	1.7	.1	1.5	.1	.7	.0	.1	.0	.0	.9 8.9 11.8
SSE	.1	1.0	.6	6.0	.2	1.8	.1	1.0	.0	.5	.0	.0	.0	.0	1.0 10.3 10.3
S	.1	.6	.6	5.8	.1	1.4	.1	.6	.0	.2	.0	.1	.0	.0	.8 8.6 9.9
SSW	.0	.2	.1	1.3	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.2 2.0 9.9
SW	.0	.1	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.2 8.9
WSW	.0	.0	.1	.6	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1 .8 9.8
W	.0	.1	.1	1.1	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 1.5 9.6
WNW	.0	.1	.1	1.1	.0	.4	.0	.3	.0	.4	.0	.1	.0	.0	.2 2.4 12.5
NW	.0	.2	.2	1.7	.1	.8	.1	1.0	.1	1.1	.1	.6	.0	.3	.5 5.6 16.3
NNW	.0	.3	.4	3.9	.2	2.3	.3	3.0	.3	2.9	.1	1.3	.0	.1	1.3 13.8 15.9
CALM	.2	2.5													.2 2.5
TOTAL	.8	8.3	4.5	45.8	1.6	16.4	1.5	14.9	1.0	10.3	.3	3.5	.1	.7	9.7 100 12.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 3 / NIGHT

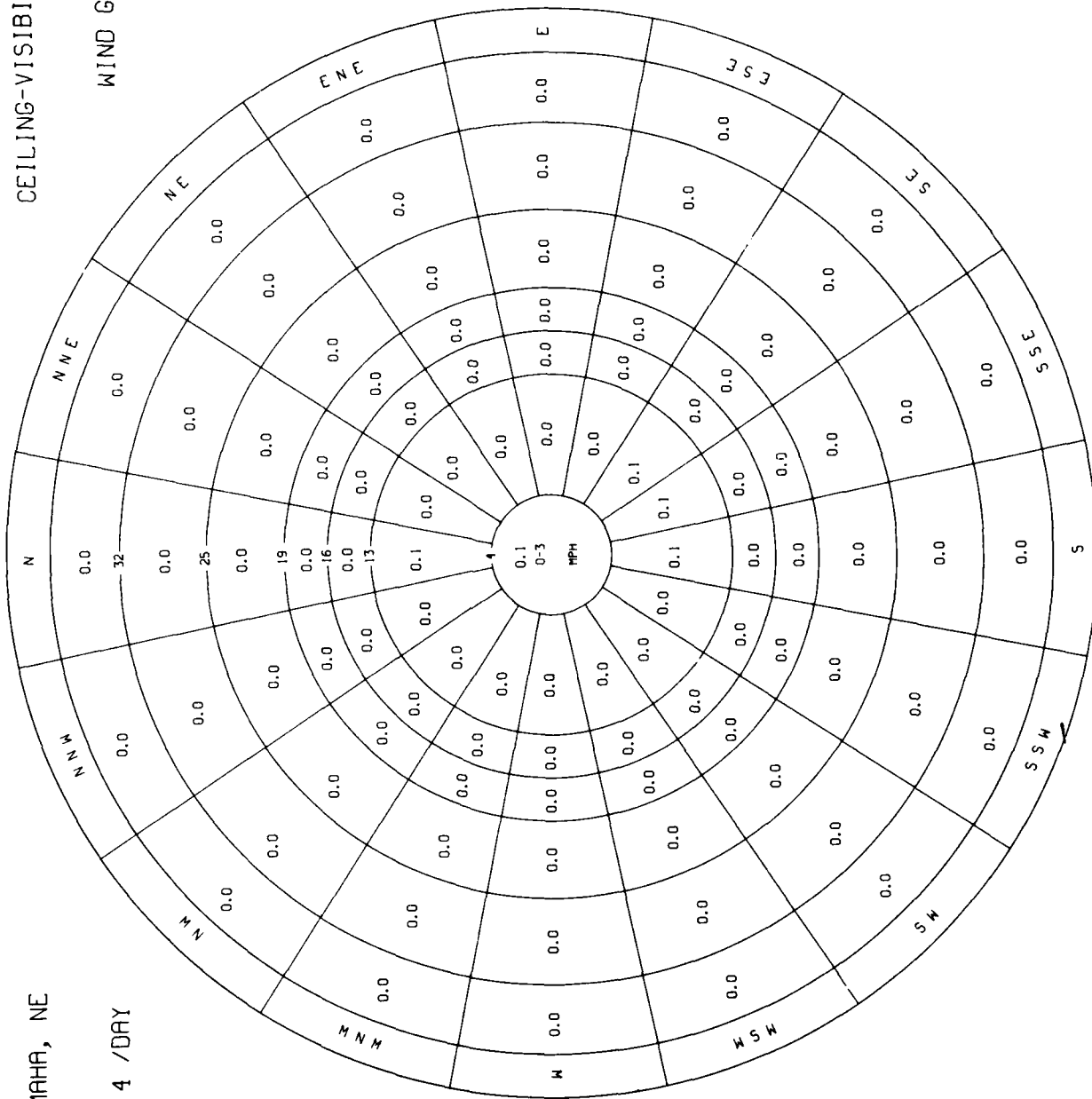
STATION NUMBER: 14942

NO. OBS.: 4114

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	.6	.6	6.2	.3	3.6	.4	3.7	.3	3.0	.1	.9	.0	.2	1.8	18.2	14.7
NNE	.0	.3	.3	3.3	.1	1.3	.1	.8	.1	.6	.0	.1	.0	.0	.6	6.3	12.3
NE	.0	.5	.2	2.3	.1	.6	.0	.4	.0	.3	.0	.0	.0	.0	.4	4.1	10.4
ENE	.0	.2	.2	1.8	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.3	3.1	10.8
E	.1	.6	.3	2.7	.1	.9	.1	.6	.0	.3	.0	.0	.0	.0	.5	5.2	10.6
ESE	.0	.5	.3	2.8	.1	1.1	.0	.3	.0	.1	.0	.1	.0	.0	.5	4.9	10.4
SE	.1	.9	.4	4.0	.1	1.2	.1	.9	.0	.3	.0	.0	.0	.0	.7	7.3	10.4
SSE	.1	.9	.5	5.5	.2	1.7	.1	.8	.0	.2	.0	.0	.0	.0	.9	9.2	10.0
S	.1	.8	.4	4.6	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.7	7.0	9.2
SSW	.0	.3	.1	1.2	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	10.1
SW	.0	.2	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	10.0
WSW	.0	.2	.1	.8	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	8.7
W	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	9.1
WNW	.0	.2	.1	1.3	.0	.4	.0	.3	.0	.3	.0	.1	.0	.1	.3	2.6	12.6
NW	.0	.3	.2	2.2	.1	1.0	.1	1.2	.1	1.3	.1	.6	.0	.0	.6	6.7	15.3
NNW	.1	.6	.4	4.0	.3	3.0	.3	3.6	.3	3.2	.2	1.9	.0	.3	1.6	16.5	16.4
CALM	.3	3.2													.3	3.2	
TOTAL	1.0	10.3	4.3	44.0	1.7	17.4	1.3	13.5	1.0	10.2	.4	4.0	.1	.6	9.7	100	12.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 14942

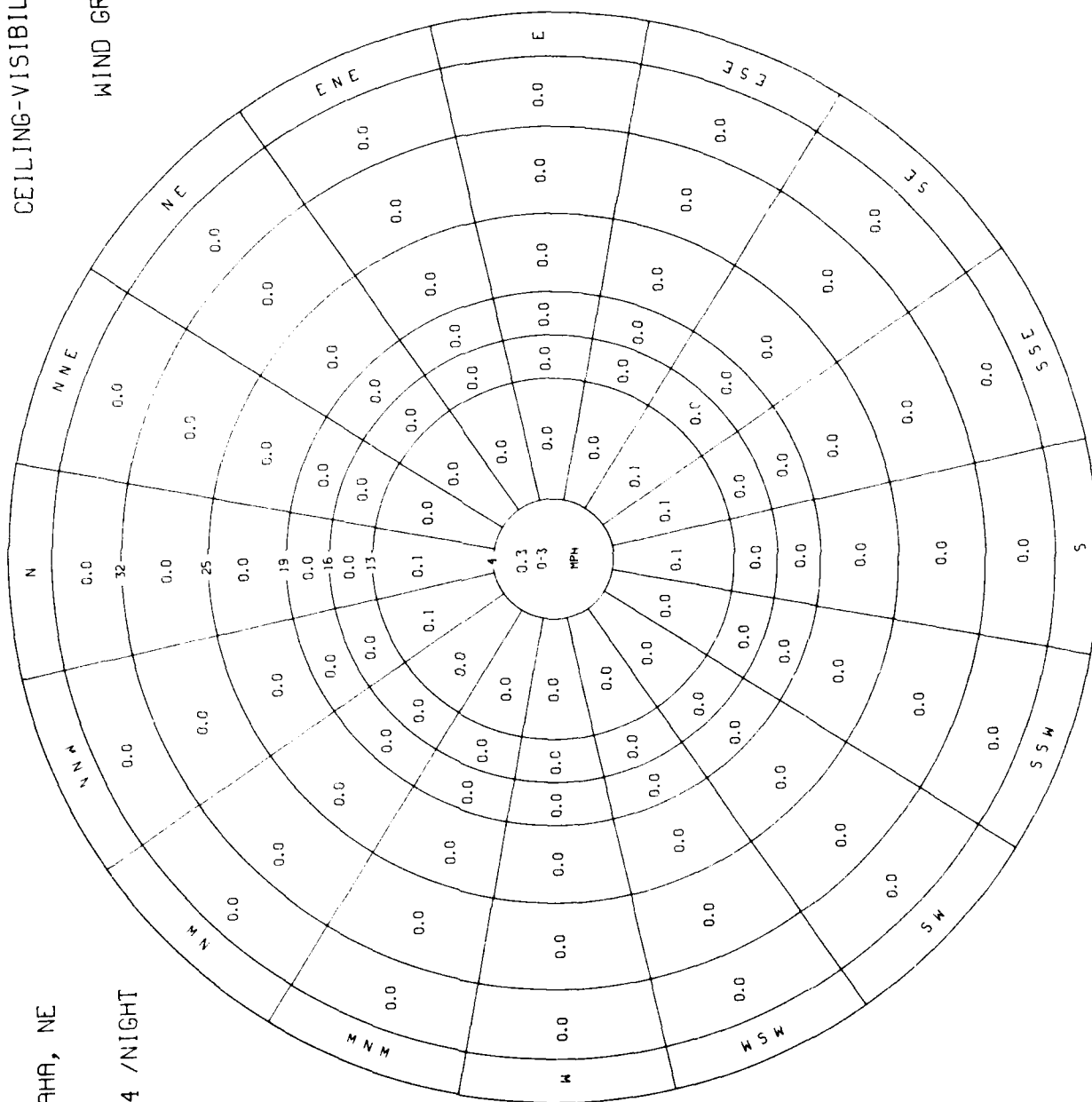
NO. OBS.: 504

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.6	.1	7.1	.0	3.8	.0	1.8	.0	3.6	.0	1.4	.0	.8	.2	19.0	15.3
NNE	.0	.2	.0	3.4	.0	.8	.0	.8	.0	1.2	.0	.0	.0	.0	.1	6.3	12.2
NE	.0	.4	.0	1.6	.0	.0	.0	.2	.0	.0	.0	.4	.0	.0	.0	2.6	10.3
ENE	.0	.4	.0	2.0	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	3.4	9.7
E	.0	.6	.0	2.2	.0	1.0	.0	.0	.0	.6	.0	.2	.0	.0	.0	4.6	11.2
ESE	.0	.0	.0	2.4	.0	.8	.0	1.0	.0	.2	.0	.0	.0	.0	.0	4.4	11.7
SE	.0	.8	.1	5.6	.0	1.6	.0	.4	.0	.6	.0	.2	.0	.0	.1	9.1	10.5
SSE	.0	1.8	.1	8.3	.0	1.8	.0	.4	.0	.2	.0	.0	.0	.0	.1	12.5	8.6
S	.0	1.2	.1	6.7	.0	1.8	.0	.4	.0	.2	.0	.0	.0	.0	.1	10.3	8.7
SSW	.0	.2	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	9.1
SW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.5
WSW	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.5
W	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0
WNW	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	.2	.0	.2	.0	1.4	13.9
NW	.0	.8	.0	1.6	.0	.2	.0	.2	.0	.2	.0	.8	.0	.6	.0	4.4	15.9
NNW	.0	.6	.0	4.8	.0	1.4	.0	2.2	.0	2.2	.0	.6	.0	.6	.1	12.3	14.9
CALM	.1	5.6													.1	5.6	
TOTAL	.1	13.7	.5	49.4	.1	14.1	.1	7.7	.1	9.1	.0	3.8	.0	2.2	1.0	10.0	11.3

WIND GRAPH

OMAHA OMAHA, NE

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 14942

NO. OBS.: 585

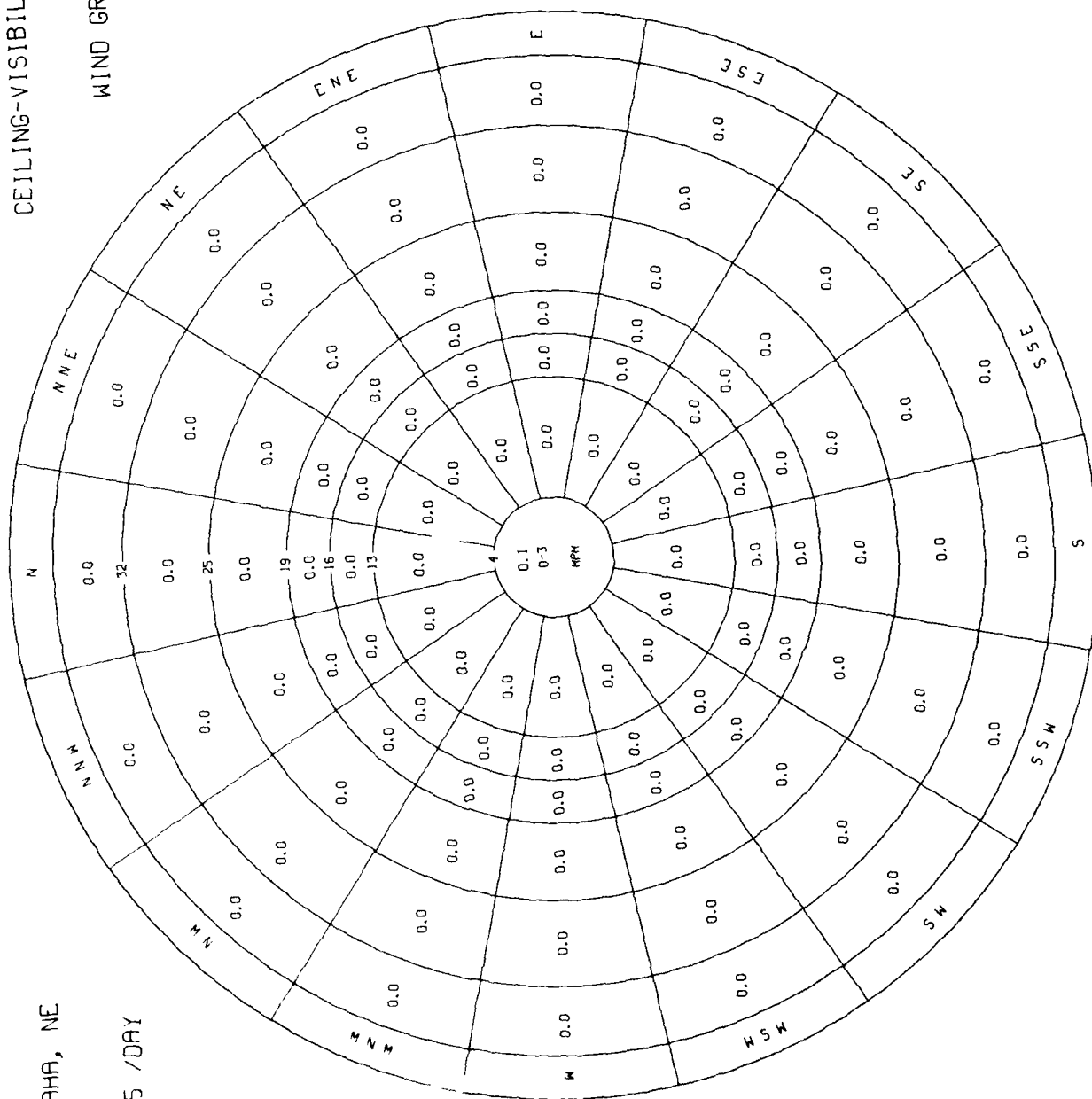
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.4	.1	9.6	.0	3.1	.0	2.1	.0	1.5	.0	1.7	.0	.7	.3	20.0	13.3
NNE	.0	.3	.0	2.9	.0	.7	.0	1.4	.0	1.0	.0	.3	.0	.0	.1	6.7	13.3
NNE	.0	1.4	.0	1.9	.0	.0	.0	.5	.0	.2	.0	.0	.0	.0	.1	3.9	7.4
ENE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.2
E	.0	.5	.0	2.1	.0	.5	.0	.2	.0	.2	.0	.2	.0	.0	.0	3.6	9.9
ESE	.0	.3	.0	3.1	.0	.3	.0	.2	.0	.0	.0	.2	.0	.0	.1	4.1	8.7
SE	.0	1.0	.1	6.0	.0	.9	.0	.7	.0	.3	.0	.0	.0	.0	.1	8.9	8.9
SSE	.0	.5	.1	8.2	.0	2.6	.0	1.2	.0	.3	.0	.0	.0	.0	.2	12.8	10.3
S	.0	1.5	.1	9.2	.0	1.2	.0	.5	.0	.0	.0	.0	.0	.0	.2	12.5	8.8
SSW	.0	.3	.0	1.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.2	7.6
SW	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.1
WSW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.9	9.2
W	.0	.5	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.0	7.5
WNW	.0	.5	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.5	7.8
NW	.0	1.2	.0	1.9	.0	.5	.0	.0	.0	.3	.0	.3	.0	.0	.1	4.3	9.6
NNW	.0	1.4	.1	3.8	.0	.7	.0	1.9	.0	.5	.0	.5	.0	.3	.1	9.1	12.6
CALM	.1	6.7													.1	6.7	
TOTAL	.3	18.8	.7	52.5	.1	10.6	.1	9.1	.1	4.6	.0	3.4	.0	1.0	1.4	100	9.8

CEILING-VISIBILITY

WIND GRAPH

OMA OMAHA, NE

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OMA OMAHA, NE

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 14942

NO. OBS.: 103

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.9	.0	5.8	.0	1.9	.0	1.9	.0	1.9	.0	6.8	.0	1.0	.0	21.4	18.1
NNE	.0	.0	.0	1.0	.0	.0	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	3.9	16.2
NE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.5
ENE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.5
E	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	2.9	10.0
ESE	.0	1.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.0
SE	.0	.0	.0	4.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	8.5
SSE	.0	1.9	.0	13.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	8.2
S	.0	1.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.9
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
SW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
WNW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	2.9	14.7
NW	.0	3.9	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	.0	6.8	9.9
NNW	.0	1.0	.0	4.9	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	8.7	9.8
CALM	.0	14.6													.0	14.6	
TOTAL	.1	32.0	.1	42.7	.0	4.9	.0	3.9	.0	6.8	.0	7.8	.0	1.9	.2	100	9.5

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OMA OMAHA, NE

CLASS 5 / NIGHT

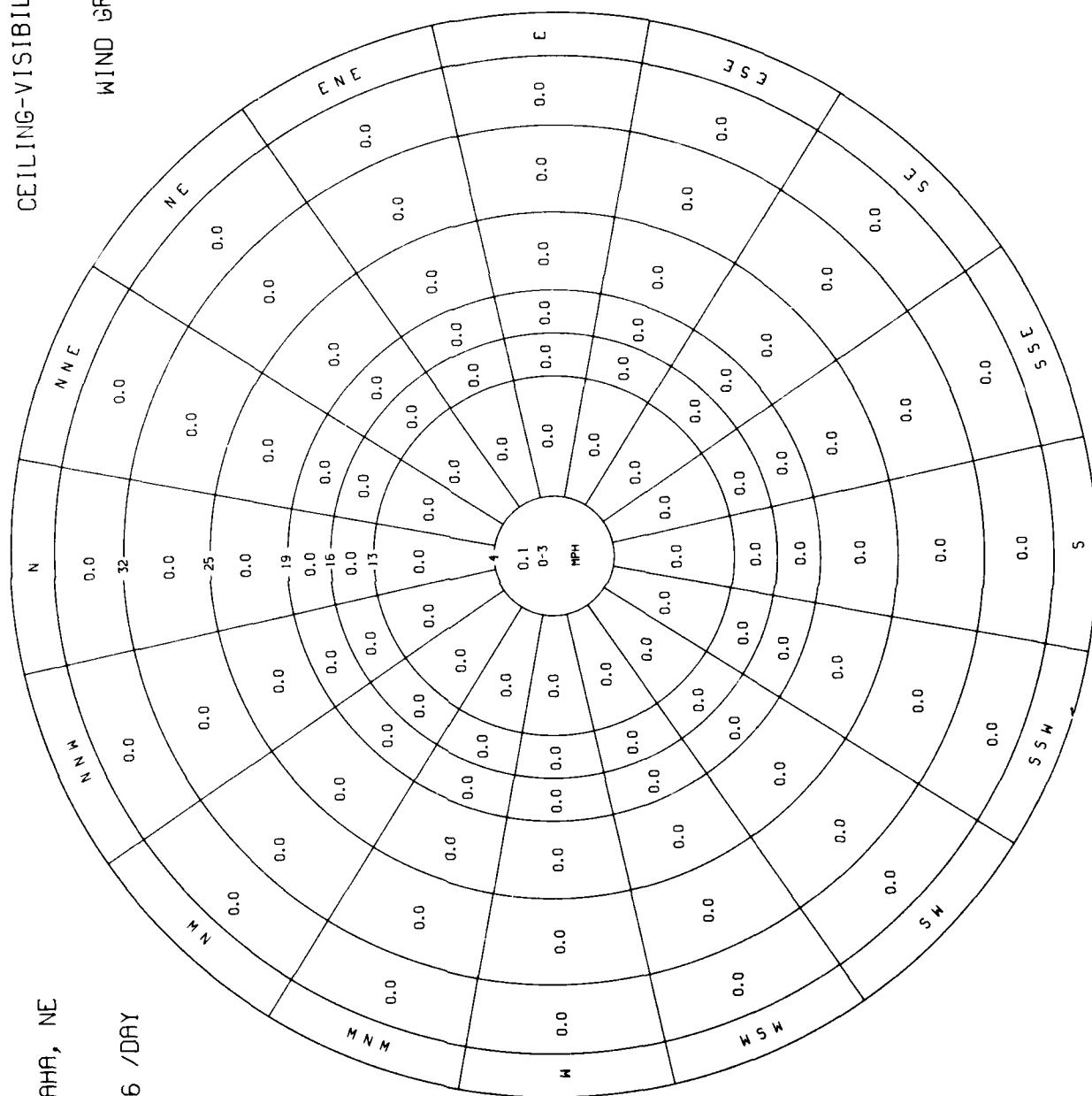
NO. OBS.: 161

STATION NUMBER: 14942

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.9	.0	10.6	.0	1.2	.0	.0	.0	2.5	.0	.6	.0	.6	.1 17.4
NNE	.0	.0	.0	1.2	.0	.0	.0	1.2	.0	.6	.0	.6	.0	.0	.0 3.7
NE	.0	.0	.0	1.9	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0 3.1
ENE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
E	.0	1.2	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
ESE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SE	.0	1.9	.0	6.2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0 9.9
SSE	.0	2.5	.0	8.7	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0 13.0
S	.0	.6	.0	5.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.2
SSW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
SW	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NW	.0	3.1	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0 6.2
NNW	.0	1.9	.0	5.6	.0	.6	.0	.0	.0	.0	.0	.6	.0	.0	.0 8.7
CALM	.1	16.8													.1 16.8
TOTAL	.1	34.2	.2	50.9	.0	6.8	.0	1.9	.0	3.1	.0	1.9	.0	1.2	.4 100
															7.1

WIND GRAPH

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OMA OMAHA, NE

CLASS 6 / DAY

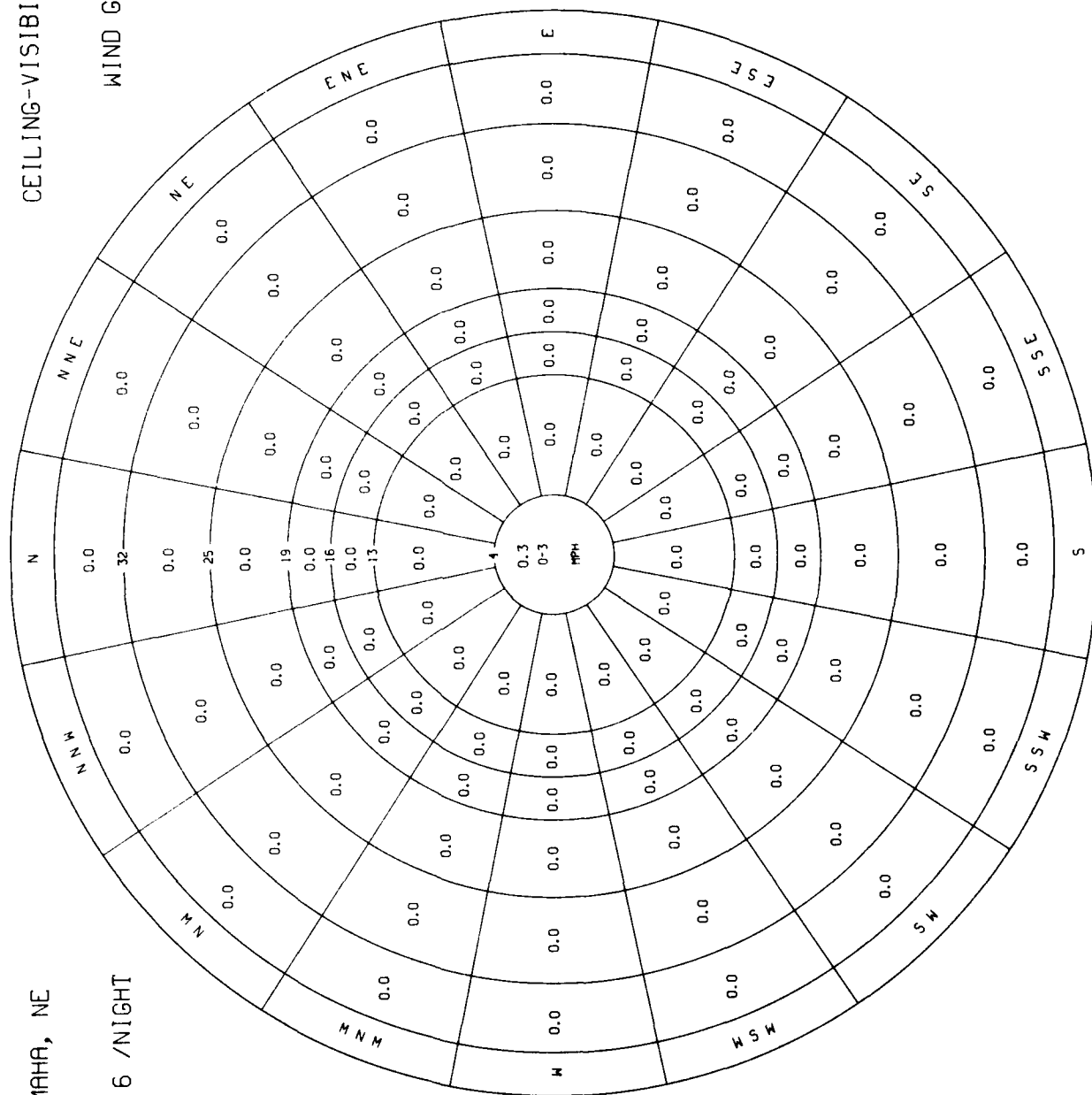
NO. OBS.: 111

STATION NUMBER: 14942

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.8	.0	18.0	.0	1.8	.0	.0	.0	.0	.0	1.8	.0	.0	.1 23.4
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
NE	.0	3.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.4
ENE	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
E	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
ESE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SE	.0	3.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.3
SSE	.0	3.6	.0	5.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0 9.9
S	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.2
SSW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .3
W	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
NNW	.0	.9	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0 6.3
CALM	.1	24.3													.1 24.3
TOTAL	.1	48.6	.1	45.9	.0	2.7	.0	.0	.0	.0	.0	2.7	.0	.0	.2 100
															5.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DMA OMAHA, NE

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 14942

NO. OBS.: 197

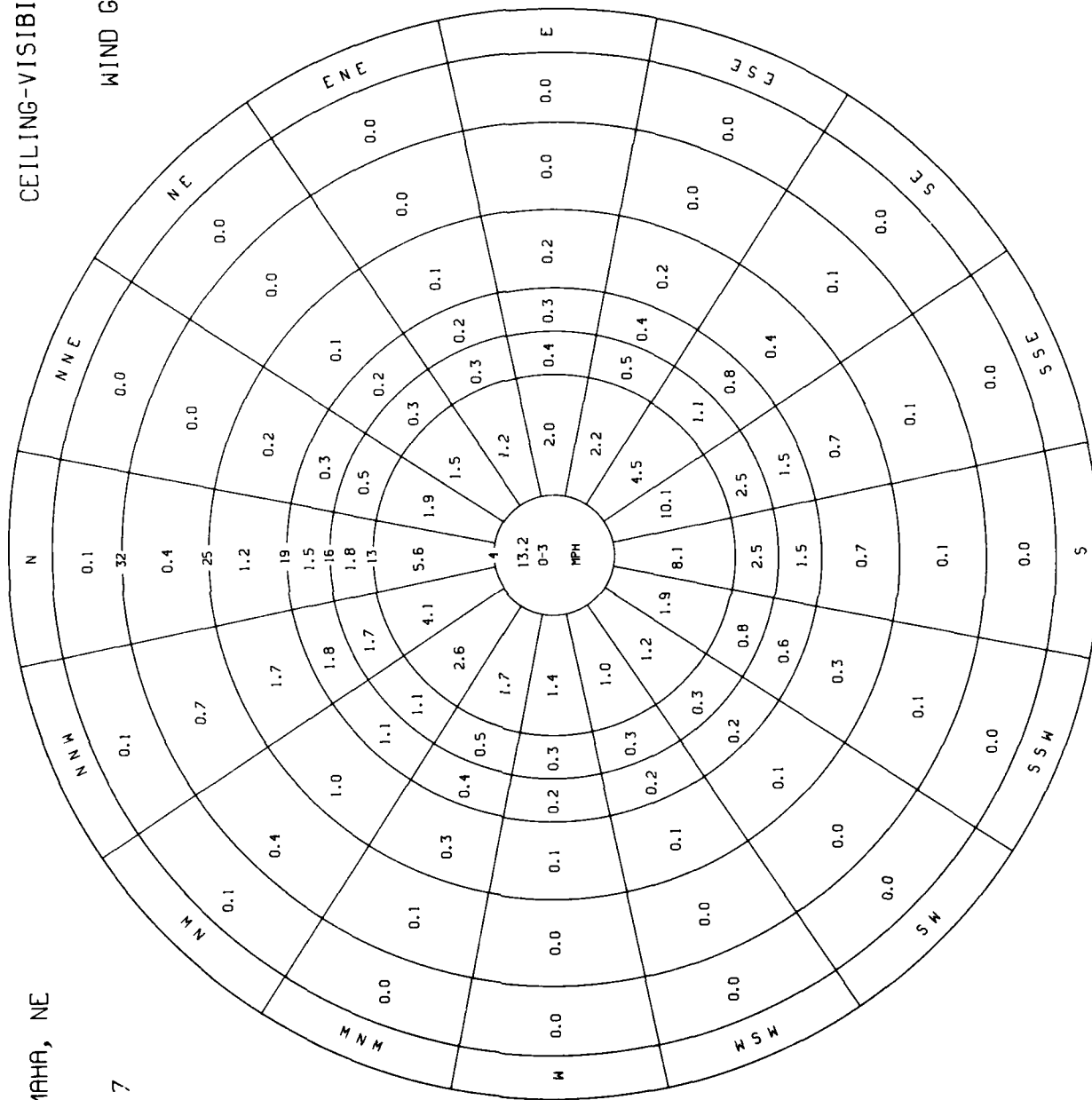
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.5	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.1	11.2	8.9
NNE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0
NE	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.4
ENE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0
E	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0
ESE	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.4
SE	.0	4.6	.0	3.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	4.9
SSE	.0	5.1	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.2	4.9
S	.0	3.6	.0	7.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.2	6.0
SSW	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.8
SW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
NW	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	3.6	13.1
NNW	.0	1.5	.0	2.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	5.6	11.4
CALM	.1	29.4														.1	29.4	
TOTAL	.3	57.9	.2	37.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.5	100	4.6

CEILING-VISIBILITY

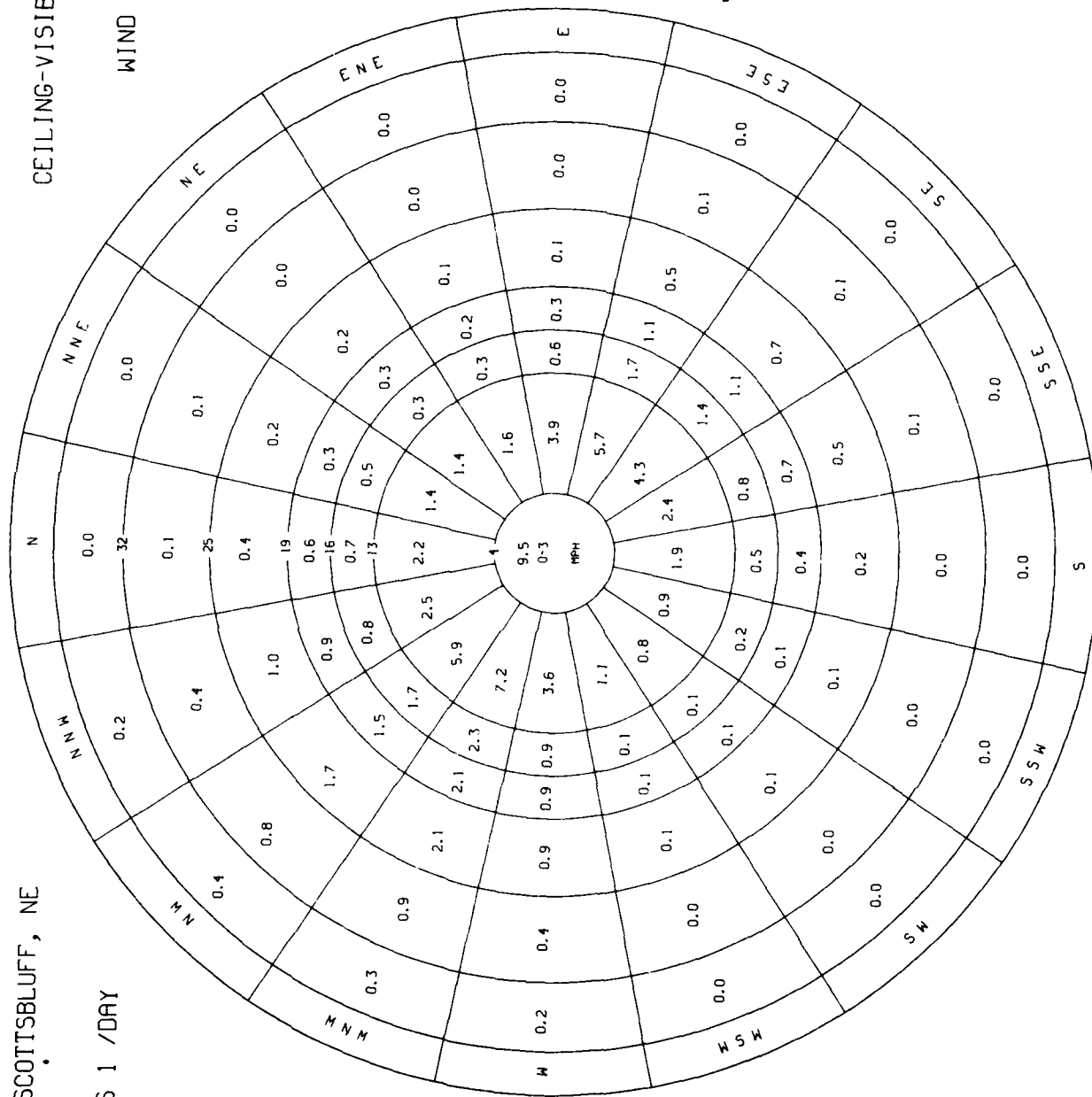
WIND GRAPH

OMR OMAHA, NE

CLASS 7



BFF SCOTTSBLUFF, NE
 CLASS 1 / DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: BFF SCOTTSBLUFF, NE

CLASS 1 / DAY

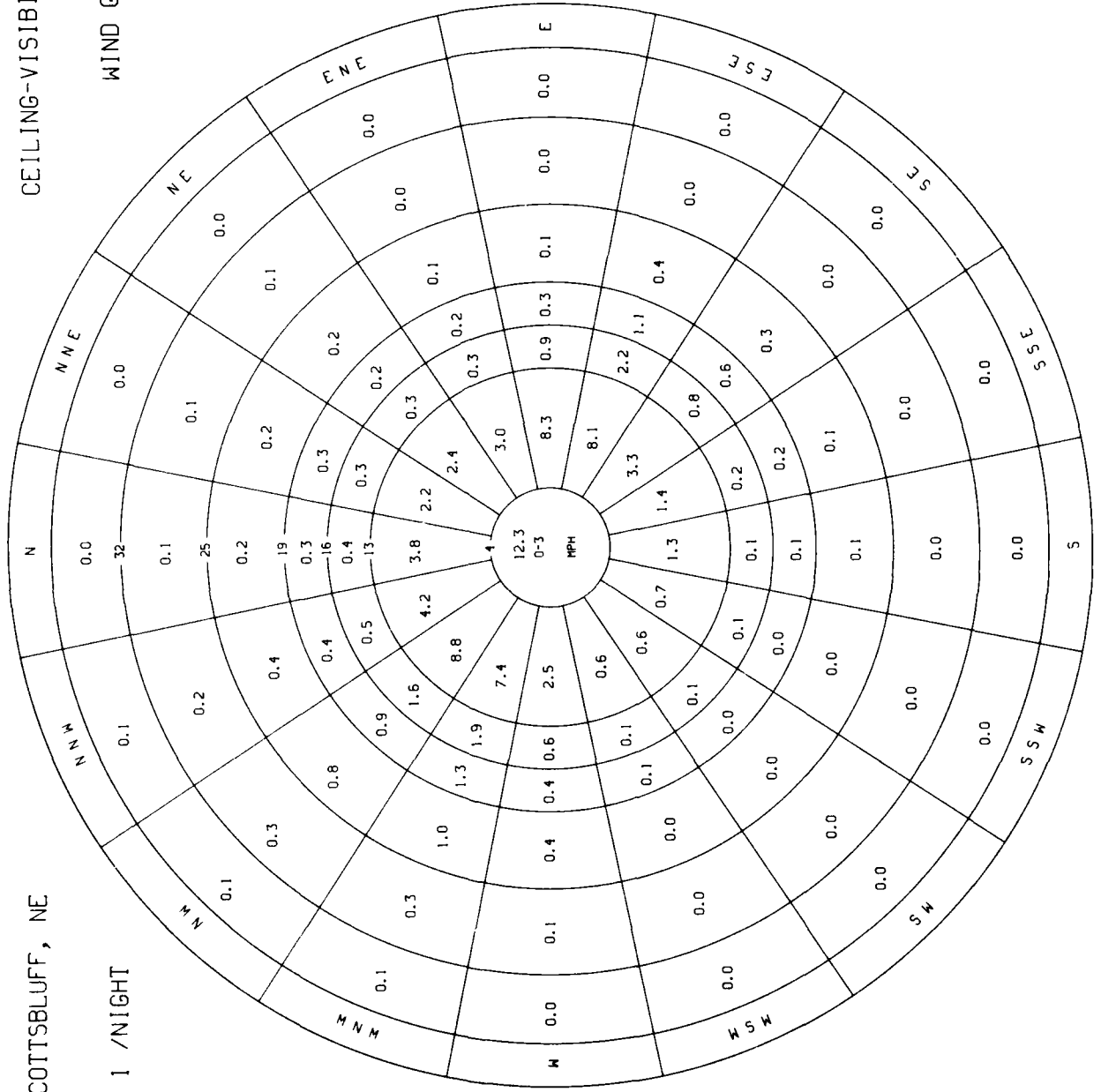
NO. OBS.: 46726

STATION NUMBER: 24028

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	.3	2.2	2.4	.7	.7	.6	.7	.4	.5	.1	.1	.0	.0	4.4 4.7
NNE	.2	.2	1.4	1.5	.5	.5	.3	.4	.2	.2	.1	.1	.0	.0	2.7 2.9
NE	.2	.2	1.4	1.5	.3	.4	.3	.3	.2	.2	.0	.0	.0	.0	2.5 2.7
ENE	.2	.3	1.6	1.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.5 2.7
E	.4	.4	3.9	4.1	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	5.3 5.7
ESE	.4	.4	5.7	6.1	1.7	1.8	1.1	1.2	.5	.5	.1	.1	.0	.0	9.4 10.1
SE	.4	.5	4.3	4.6	1.4	1.5	1.1	1.2	.7	.7	.1	.1	.0	.0	8.1 8.6
SSE	.3	.3	2.4	2.6	.8	.9	.7	.8	.5	.5	.1	.1	.0	.0	4.7 5.0
S	.3	.3	1.9	2.1	.5	.5	.4	.4	.2	.3	.0	.0	.0	.0	3.3 3.6
SSW	.2	.2	.9	.9	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.4 1.5
SW	.2	.2	.8	.9	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.2 1.3
WSW	.2	.2	1.1	1.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.7 1.8
W	.4	.4	3.6	3.9	.9	.9	.9	.9	.9	1.0	.4	.5	.2	.2	7.3 7.8
WNW	.5	.5	7.2	7.7	2.3	2.5	2.1	2.3	2.1	2.3	.9	1.0	.3	.3	15.5 16.6
NW	.5	.6	5.9	6.3	1.7	1.9	1.5	1.6	1.7	1.8	.8	.9	.4	.4	12.7 13.6
NNW	.3	.4	2.5	2.7	.8	.8	.9	1.0	1.0	1.1	.4	.5	.2	.2	6.2 6.6
CALM	4.6	5.0													4.6 5.0
TOTAL	9.5	10.2	47.0	50.3	12.9	13.8	10.8	11.5	8.9	9.6	3.1	3.4	1.1	1.2	93.5 100
															11.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: BFF SCOTTISBLUFF, NE

CLASS 1 / NIGHT

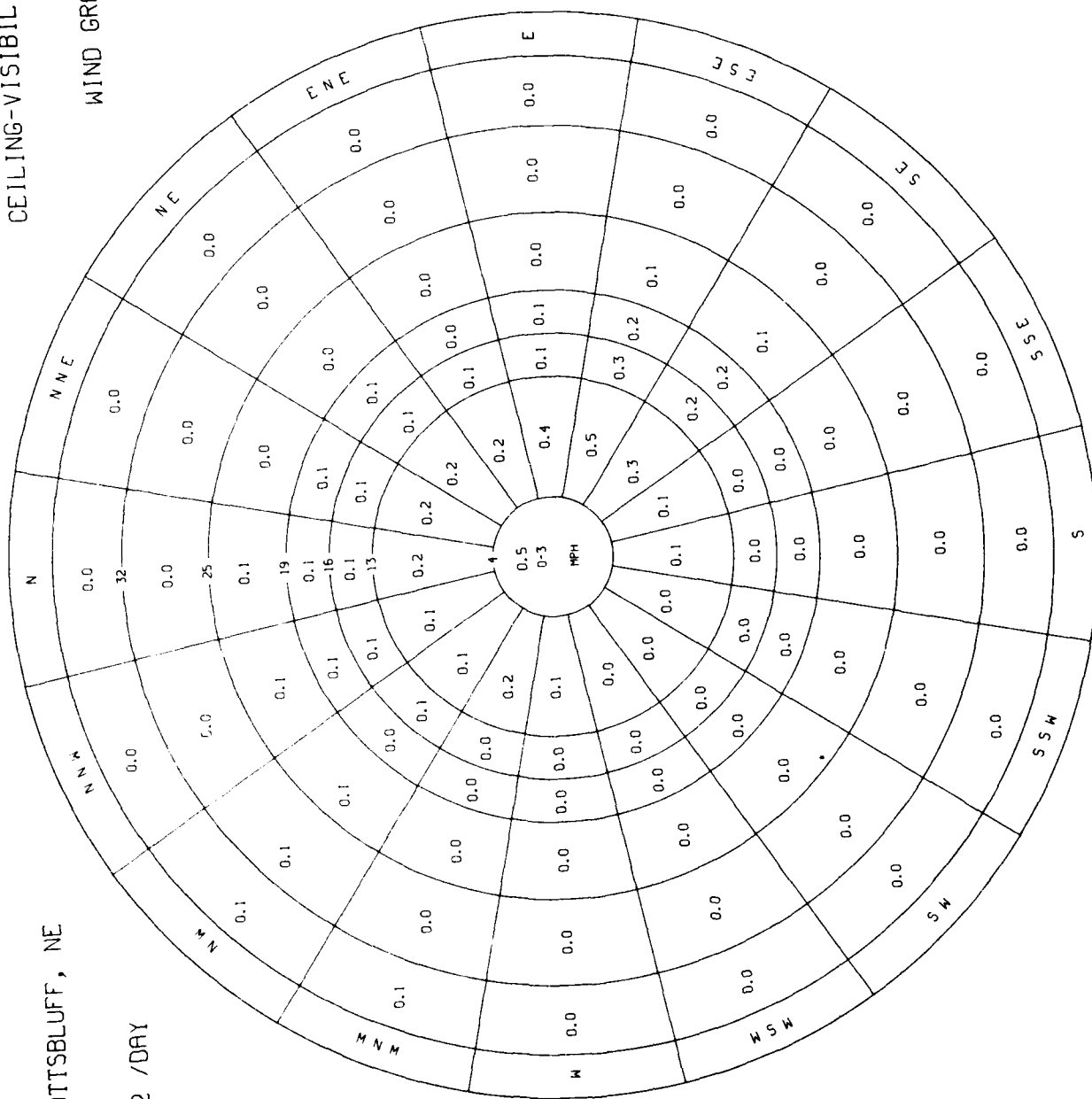
NO. OBS.: 37924

STATION NUMBER: 24028

O I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.7	.7	3.8	4.0	.4	.5	.3	.3	.2	.2	.1	.1	.0	.0	5.4	5.8	8.6
NNE	.4	.4	2.2	2.3	.3	.3	.3	.3	.2	.3	.1	.1	.0	.0	3.5	3.7	9.8
NE	.5	.5	2.4	2.5	.3	.4	.2	.2	.2	.2	.1	.1	.0	.0	3.7	3.9	9.2
ENE	.5	.5	3.0	3.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.2	4.5	8.6
E	.6	.7	8.3	8.9	.9	1.0	.3	.3	.1	.1	.0	.0	.0	.0	10.2	10.9	8.8
ESE	.5	.5	8.1	8.6	2.2	2.3	1.1	1.2	.4	.4	.0	.0	.0	.0	12.3	13.1	10.5
SE	.4	.4	3.3	3.5	.8	.9	.6	.6	.3	.3	.0	.1	.0	.0	5.4	5.8	10.5
SSE	.2	.2	1.4	1.5	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.1	2.3	9.3
S	.2	.2	1.3	1.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.7	1.9	8.1
SSW	.1	.2	.7	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	8.1
SW	.2	.2	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	8.0
WSW	.1	.1	.6	.7	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.9	1.0	9.2
W	.3	.3	2.5	2.7	.6	.6	.4	.5	.4	.4	.1	.2	.0	.0	4.5	4.8	11.4
WNW	.5	.6	7.4	7.9	1.9	2.0	1.3	1.3	1.0	1.0	.3	.3	.1	.1	12.5	13.4	11.6
NW	.8	.8	8.8	9.4	1.6	1.7	.9	1.0	.8	.9	.3	.3	.1	.1	13.3	14.2	10.6
NNW	.7	.7	4.2	4.5	.5	.5	.4	.4	.4	.4	.2	.2	.1	.1	6.3	6.8	9.7
CALM	5.7	6.1													5.7	6.1	
TOTAL	12.3	13.1	58.4	62.4	10.5	11.2	6.3	6.8	4.4	4.7	1.3	1.4	.3	.4	93.5	100	9.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1944-1945

CLASS 2 / DAY

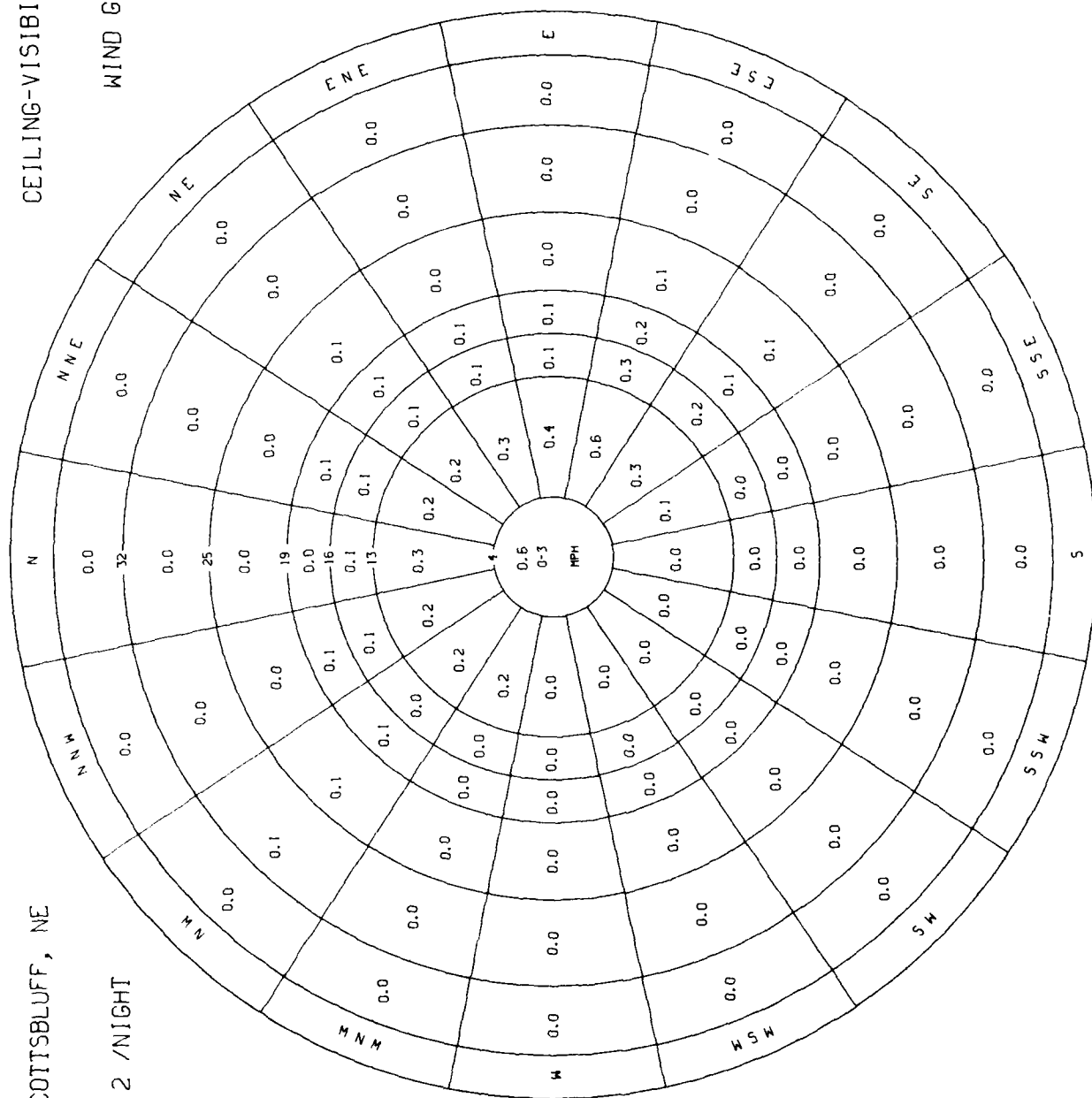
STATION NUMBER: 24028

NO. OBS.: 1274

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.2	3.5	.1	1.6	.1	1.3	.1	.9	.0	.3	.0	.0	.5 8.0 13.2
NNE	.0	.2	.2	3.2	.1	1.4	.1	1.0	.0	.8	.0	.5	.0	.2	.5 7.2 14.2
NE	.0	.2	.2	3.5	.1	1.3	.1	1.1	.0	.7	.0	.1	.0	.1	.5 6.9 12.8
ENE	.0	.2	.2	3.5	.1	1.6	.0	.5	.0	.4	.0	.2	.0	.0	.4 6.4 11.9
E	.0	.5	.4	5.9	.1	2.3	.1	1.2	.0	.5	.0	.1	.0	.0	.7 10.3 11.3
ESE	.0	.4	.5	8.3	.3	4.1	.2	3.0	.1	2.0	.0	.1	.0	.0	1.2 18.0 12.8
SE	.0	.2	.3	5.2	.2	3.4	.2	2.4	.1	1.4	.0	.2	.0	.1	.8 12.8 13.2
SSE	.0	.2	.1	1.9	.0	.7	.0	.5	.0	.1	.0	.0	.0	.0	.2 3.4 11.0
S	.0	.2	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.3 8.6
SSW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1 12.7
SW	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3 6.3
WSW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0 2 14.6
W	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.1	.0	.4	.1 2.0 16.9
WNW	.0	.4	.2	2.6	.0	.5	.0	.4	.0	.5	.0	.5	.1	1.3	.4 6.2 17.9
NW	.0	.4	.1	2.2	.1	.8	.0	.7	.1	1.3	.1	1.1	.1	1.0	.5 7.6 18.6
NNW	.0	.2	.1	1.9	.1	.9	.1	.9	.1	1.0	.0	.5	.0	.3	.4 5.8 16.3
CALM	.2	3.5													.2 3.5
TOTAL	.5	7.3	2.9	43.8	1.2	18.7	.8	13.0	.6	9.9	.2	3.8	.2	3.5	6.5 100 13.2

CEILING-VISIBILITY

WIND GRAPH



BFF SCOTTSBLUFF, NE

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: BFF SCOTTSBLUFF, NE

CLASS 2 / NIGHT

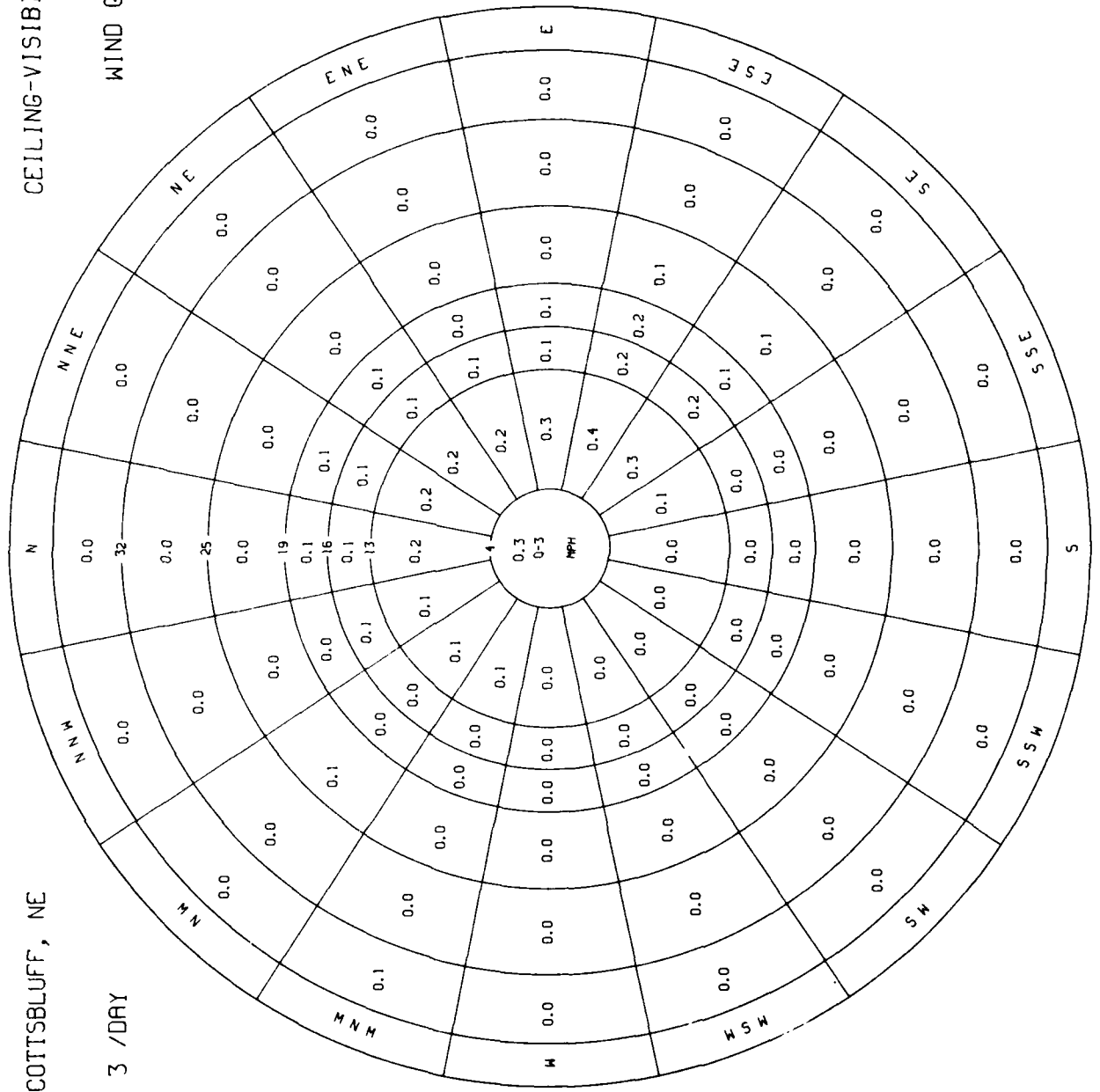
NO. OBS.: 2649

STATION NUMBER: 24028

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
																	C
N	.0	.5	.3	3.9	.1	2.2	.0	.8	.0	.7	.0	.2	.0	.1	.5	8.2	12.2
NNE	.0	.3	.2	3.6	.1	1.5	.1	1.3	.0	.7	.0	.4	.0	.1	.5	8.0	13.4
NE	.0	.2	.2	3.2	.1	1.2	.1	.9	.1	1.1	.0	.1	.0	.1	.4	6.8	13.1
ENE	.0	.0	.3	4.0	.1	1.1	.1	1.3	.0	.3	.0	.1	.0	.0	.4	6.9	11.5
E	.0	.6	.4	6.5	.1	2.1	.1	.9	.0	.3	.0	.0	.0	.0	.7	10.5	10.5
ESE	.0	.3	.6	9.6	.3	4.5	.2	3.5	.1	2.0	.0	.2	.0	.0	1.3	20.1	12.8
SE	.0	.3	.3	5.3	.2	2.8	.1	2.1	.1	.8	.0	.1	.0	.0	.7	11.3	12.4
SSE	.0	.3	.1	1.8	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.2	2.8	10.6
S	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
SSW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.8
SW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.4
WSW	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.9
W	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	1.0	10.2
WNW	.0	.2	.2	2.6	.0	.3	.0	.3	.0	.5	.0	.3	.0	.2	.3	4.4	12.6
NW	.0	.3	.2	3.4	.0	.6	.1	.8	.1	1.0	.1	.8	.0	.7	.5	7.7	15.8
NNW	.0	.3	.2	2.8	.1	1.0	.1	.9	.0	.5	.0	.5	.0	.1	.4	6.0	13.0
CALM	.3	4.8													.3	4.8	
TOTAL	.6	8.8	3.1	48.2	1.2	17.9	.8	13.0	.5	8.1	.2	2.8	.1	1.2	6.5	100	11.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 3 / DAY

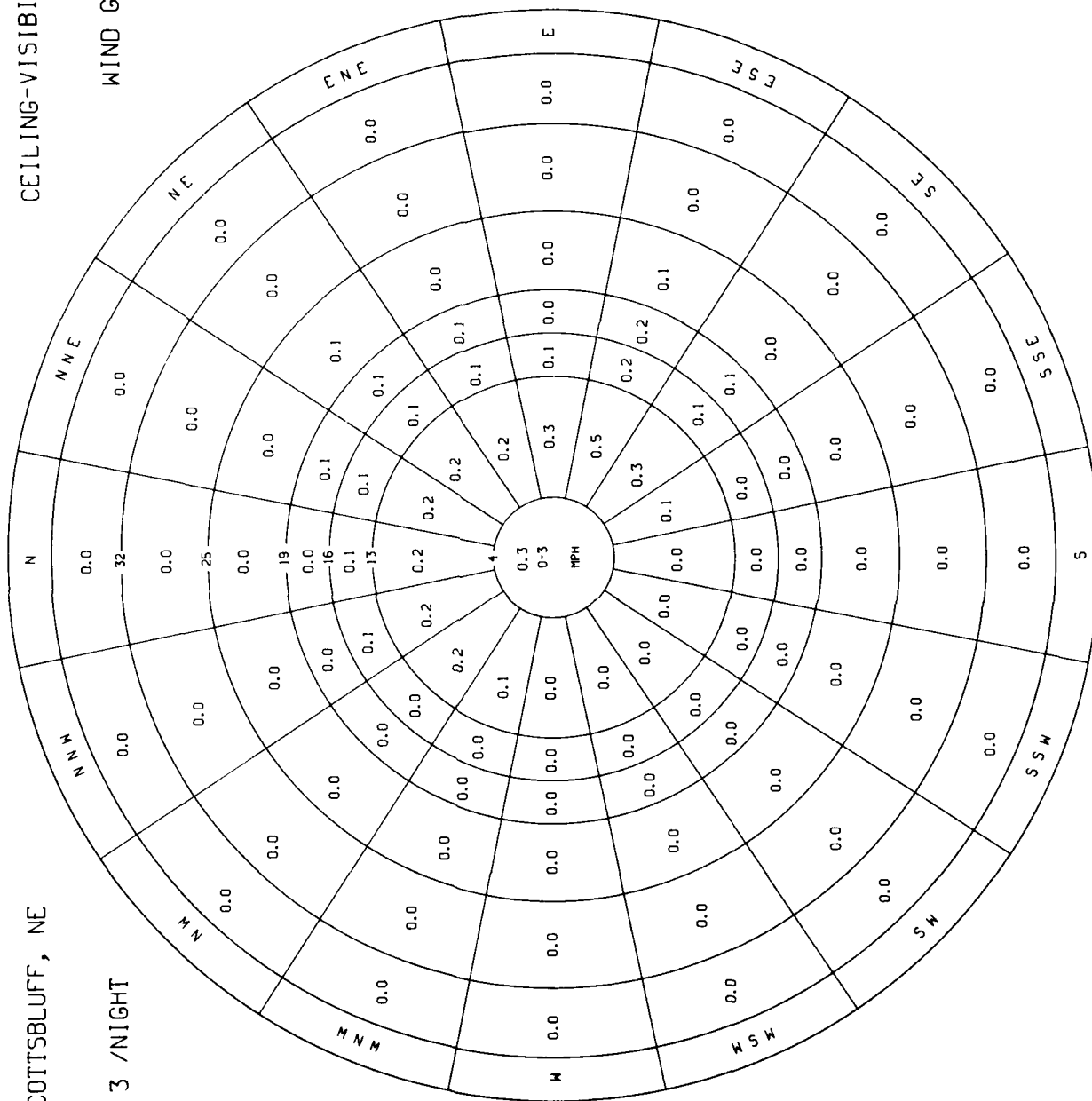
STATION NUMBER: 24028

NO. OBS.: 2700

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.3	.2	3.9	.1	1.8	.1	1.3	.0	.8	.0	.4	.0	.0	.5	8.4	13.0
NNE	.0	.3	.2	3.6	.1	1.6	.1	1.1	.0	.8	.0	.3	.0	.1	.4	7.9	13.4
NE	.0	.2	.2	3.9	.1	1.4	.1	1.2	.0	.9	.0	.1	.0	.1	.4	7.8	12.7
ENE	.0	.2	.2	3.6	.1	1.7	.0	.6	.0	.5	.0	.2	.0	.0	.4	6.9	12.1
E	.0	.4	.3	6.0	.1	2.5	.1	1.3	.0	.5	.0	.1	.0	.0	.6	10.9	11.6
ESE	.0	.3	.4	8.3	.2	4.5	.2	2.9	.1	2.0	.0	.1	.0	.0	1.0	18.1	13.0
SE	.0	.2	.3	4.9	.2	3.7	.1	2.5	.1	1.5	.0	.2	.0	.1	.7	13.1	13.6
SSE	.0	.2	.1	2.1	.0	.9	.0	.6	.0	.1	.0	.0	.0	.0	.2	3.9	11.3
S	.0	.1	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	8.8
SSW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.7
SW	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.1
WSW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	14.2
W	.0	.2	.0	.7	.0	.1	.0	.1	.0	.1	.0	.1	.0	.2	.1	1.6	15.8
WNW	.0	.3	.1	2.3	.0	.5	.0	.5	.0	.4	.0	.4	.1	1.1	.3	5.4	17.8
NW	.0	.2	.1	2.1	.0	.8	.0	.7	.1	1.3	.0	.8	.0	.5	.3	6.3	17.1
NNW	.0	.3	.1	1.7	.1	1.0	.0	.9	.0	.9	.0	.3	.0	.2	.3	5.2	15.3
CALM	.1	2.7													.1	2.7	
TOTAL	.3	5.9	2.4	44.5	1.1	20.7	.7	13.7	.5	9.7	.2	3.1	.1	2.3	5.4	100	13.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 3 / NIGHT

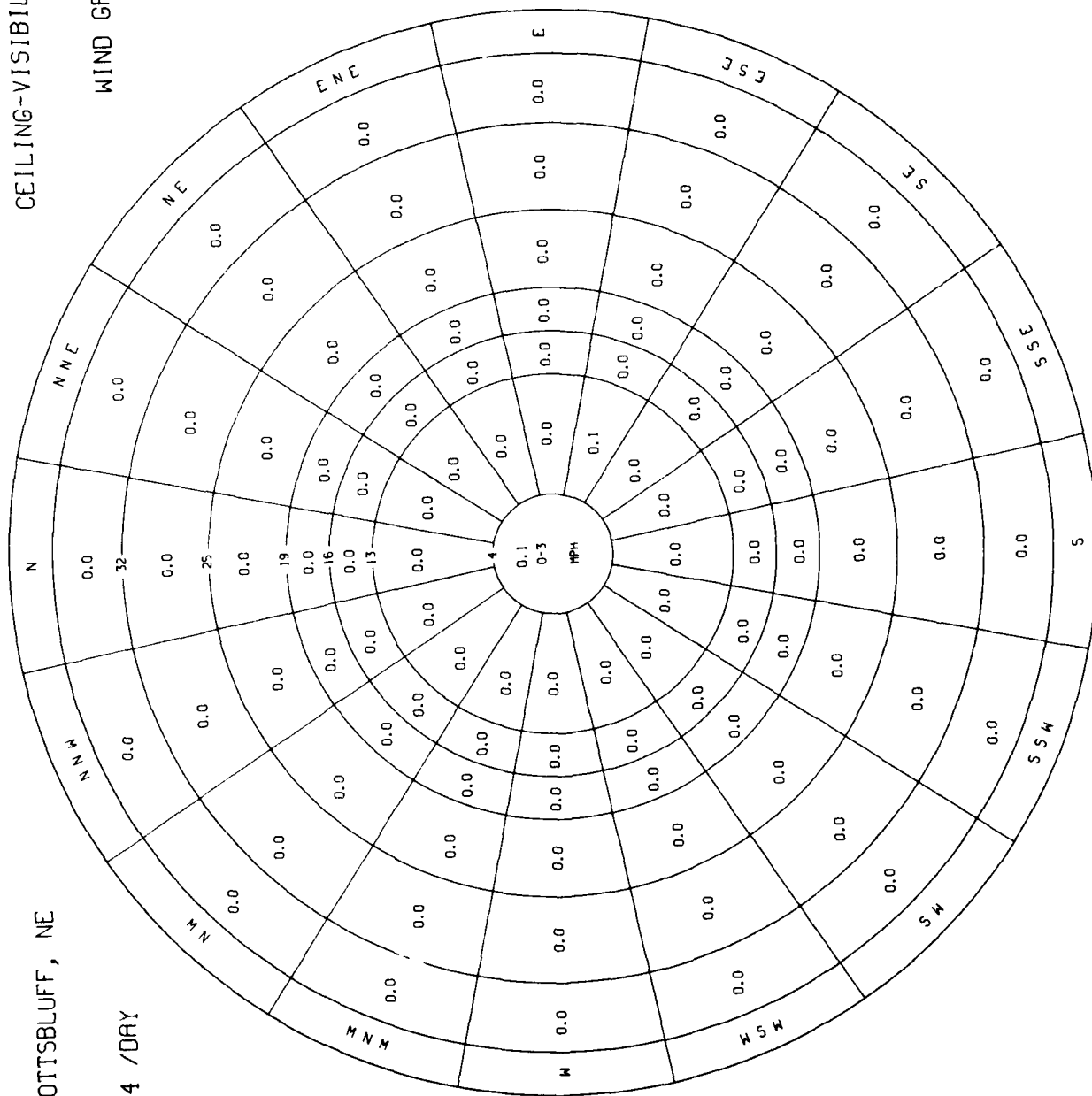
STATION NUMBER: 24028

NO. OBS.: 2076

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.4	.2	4.3	.1	2.6	.0	.6	.0	.8	.0	.2	.0	.1	.5	9.1	12.2
NNE	.0	.2	.2	4.0	.1	1.8	.1	1.5	.0	.7	.0	.4	.0	.1	.5	8.8	13.3
NE	.0	.2	.2	3.6	.1	1.5	.1	1.1	.1	1.3	.0	.1	.0	.0	.4	7.9	13.2
ENE	.0	.0	.2	4.2	.1	1.3	.1	1.5	.0	.3	.0	.1	.0	.0	.4	7.5	11.9
E	.0	.4	.3	6.6	.1	2.3	.0	.8	.0	.3	.0	.0	.0	.0	.5	10.5	10.6
ESE	.0	.2	.5	8.8	.2	4.3	.2	3.7	.1	2.2	.0	.2	.0	.0	1.0	19.4	13.1
SE	.0	.2	.3	5.2	.1	2.8	.1	2.1	.0	.8	.0	.1	.0	.0	.6	11.2	12.6
SSE	.0	.1	.1	1.8	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.1	2.7	10.9
S	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.3
SSW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.8
SW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3
WSW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.5
W	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	1.1	11.0
WNW	.0	.1	.1	2.0	.0	.4	.0	.3	.0	.5	.0	.4	.0	.1	.2	3.9	14.1
NW	.0	.3	.2	3.3	.0	.7	.0	.9	.0	.9	.0	.6	.0	.3	.4	7.0	14.4
NNW	.0	.2	.2	3.0	.1	1.2	.0	1.0	.0	.3	.0	.3	.0	.0	.3	6.0	12.2
CALM	.2	3.6													.2	3.6	
TOTAL	.3	6.8	2.5	48.2	1.0	19.4	.7	13.9	.4	8.3	.1	2.6	.0	.8	5.1	100	12.1

CEILING-VISIBILITY

WIND GRAPH



BFF SCOTTSBLUFF, NE

CLASS 4 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 4 / DAY

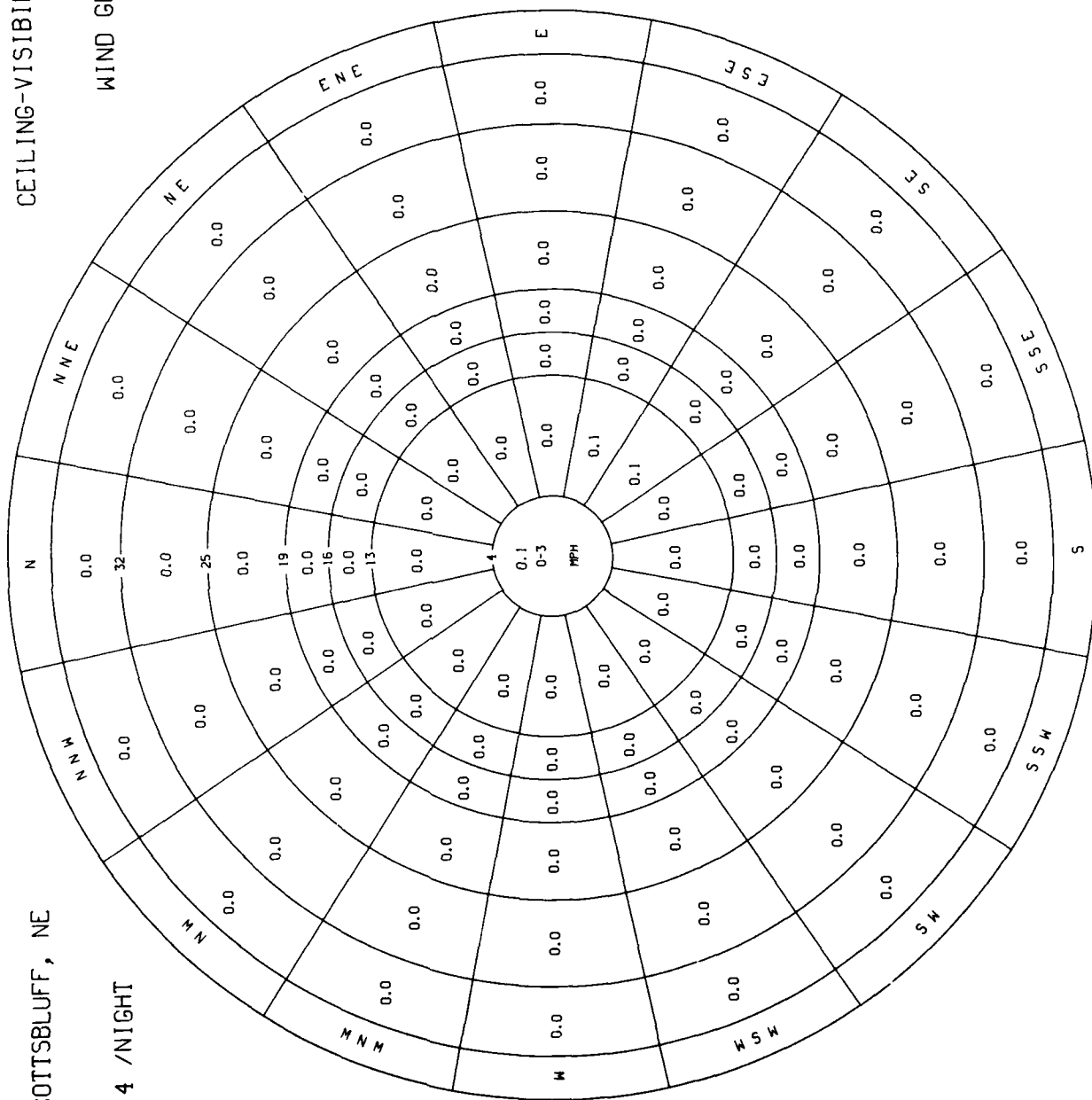
STATION NUMBER: 24028

NO. OBS.: 390

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.5	.0	2.3	.0	1.0	.0	1.8	.0	2.1	.0	.0	.0	.0	.1	7.7	14.0
NNE	.0	.0	.0	1.8	.0	.3	.0	.3	.0	.5	.0	1.5	.0	.3	.0	4.6	18.6
NE	.0	.3	.0	1.8	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	3.6	12.1
ENE	.0	.3	.0	3.8	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	5.4	9.3
E	.0	.5	.0	5.1	.0	1.8	.0	.8	.0	.5	.0	.0	.0	.0	.1	8.7	10.7
ESE	.0	1.0	.1	7.4	.0	2.3	.0	4.6	.0	2.3	.0	.0	.0	.0	.1	17.7	12.7
SE	.0	.0	.0	4.6	.0	2.3	.0	2.1	.0	1.5	.0	.0	.0	.0	.1	10.5	12.8
SSE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.8
S	.0	.3	.0	.5	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.0	9.5
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.0
WSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	15.3
W	.0	.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	3.8	16.2
WNW	.0	.8	.0	4.4	.0	.5	.0	.3	.0	1.5	.0	.8	.0	2.1	.1	10.3	18.1
NW	.0	1.5	.0	1.8	.0	1.3	.0	.5	.0	2.3	.0	2.8	.0	.8	.1	11.0	18.4
NNW	.0	.3	.0	3.3	.0	1.3	.0	1.5	.0	1.5	.0	1.3	.0	.3	.1	9.5	15.6
CALM	.0	3.6													.0	3.6	
TOTAL	.1	9.7	.3	41.3	.1	12.6	.1	12.8	.1	12.6	.0	6.4	.0	4.6	.8	100	13.7

CEILING-VISIBILITY

WIND GRAPH



BFF SCOTTSBLUFF, NE

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 4 / NIGHT

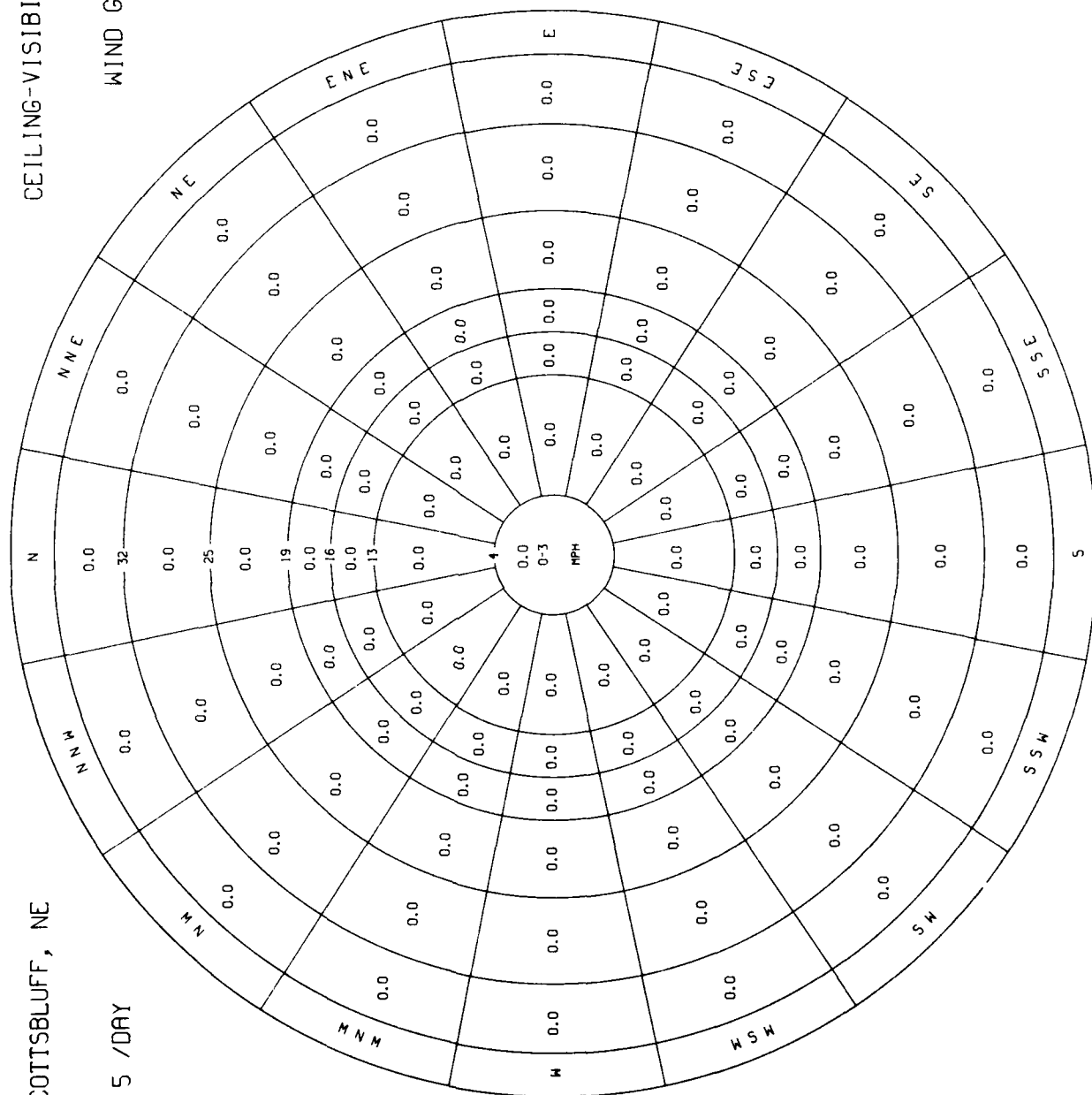
STATION NUMBER: 24028

NO. OBS.: 346

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.9	.0	2.3	.0	.9	.0	1.7	.0	.6	.0	.0	.0	.0	.1	6.4	11.9
NNE	.0	.6	.0	3.2	.0	1.2	.0	.9	.0	1.2	.0	.6	.0	.0	.1	7.5	13.1
NE	.0	.0	.0	2.6	.0	.6	.0	.3	.0	.6	.0	.0	.0	.0	.0	4.0	12.1
ENE	.0	.0	.0	4.6	.0	.6	.0	.9	.0	.6	.0	.0	.0	.0	.1	6.6	10.4
E	.0	.6	.0	4.6	.0	1.7	.0	1.2	.0	.0	.0	.0	.0	.0	.1	8.1	11.0
ESE	.0	.3	.1	11.3	.0	5.8	.0	3.8	.0	1.7	.0	.3	.0	.0	.2	23.1	12.5
SE	.0	.3	.1	6.4	.0	3.5	.0	2.6	.0	.9	.0	.0	.0	.0	.1	13.6	12.4
SSE	.0	.3	.0	1.7	.0	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	2.6	10.7
S	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.7
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.5
WSW	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7
W	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
WNW	.0	.3	.0	3.5	.0	.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	4.6	9.7
NW	.0	.3	.0	2.6	.0	.3	.0	.6	.0	1.7	.0	1.4	.0	.9	.1	7.8	18.7
NNW	.0	.3	.0	2.0	.0	.3	.0	.6	.0	1.4	.0	1.2	.0	.6	.1	6.4	17.4
CALM	.1	6.1													.1	6.1	
TOTAL	.1	11.0	.4	46.8	.1	15.0	.1	13.0	.1	9.0	.0	3.8	.0	1.4	.9	100	11.8

CEILING-VISIBILITY

WIND GRAPH



BFF SCOTTSBLUFF, NE

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 24028

NO. OBS.: 110

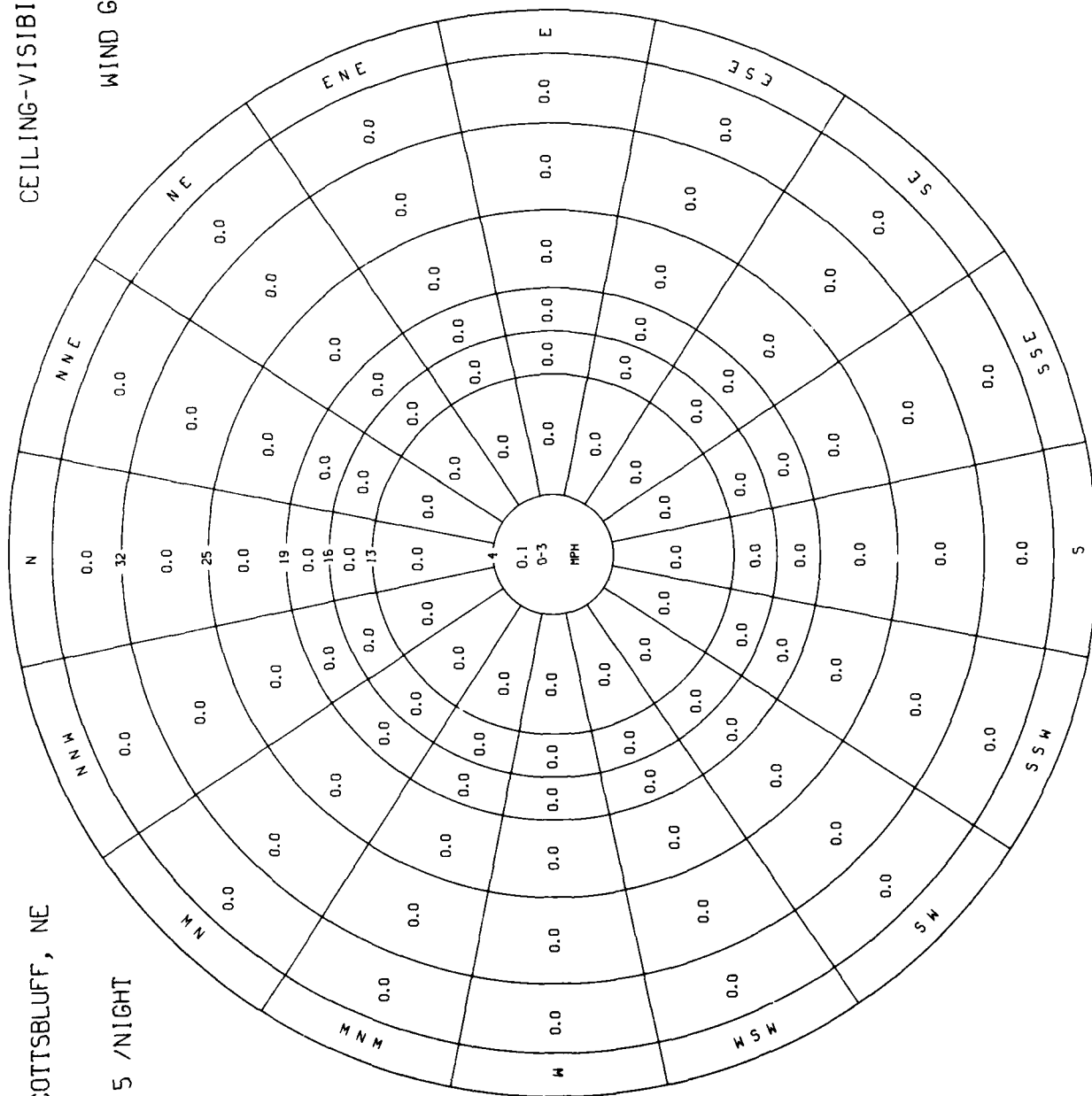
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.9	.0	.0	.0	.9	.0	.0	.0	1.8	.0	.9	.0	.0	.0 4.5 18.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.9	.0	.0	.0 1.8 24.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	.9	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.5 6.6
ESE	.0	.9	.0	10.9	.0	1.8	.0	1.8	.0	3.6	.0	.0	.0	.0	.0 19.1 11.6
SE	.0	1.8	.0	12.7	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0 17.3 8.6
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9 6.0
S	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8 5.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9 5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6 27.2
WNW	.0	.9	.0	3.6	.0	.0	.0	.0	.0	.9	.0	2.7	.0	1.8	.0 10.0 21.4
NW	.0	1.8	.0	6.4	.0	.0	.0	.9	.0	.0	.0	1.8	.0	4.5	.0 15.5 18.4
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.9	.0	3.6	.0	1.8	.0 7.3 28.5
CALM	.0	12.7													.0 12.7
TOTAL	.0	20.0	.1	43.6	.0	3.6	.0	4.5	.0	8.2	.0	10.0	.0	10.0	.2 100 13.5

CEILING-VISIBILITY

WIND GRAPH

BFF SCOTTSBLUFF, NE

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 24028

NO. OBS.: 126

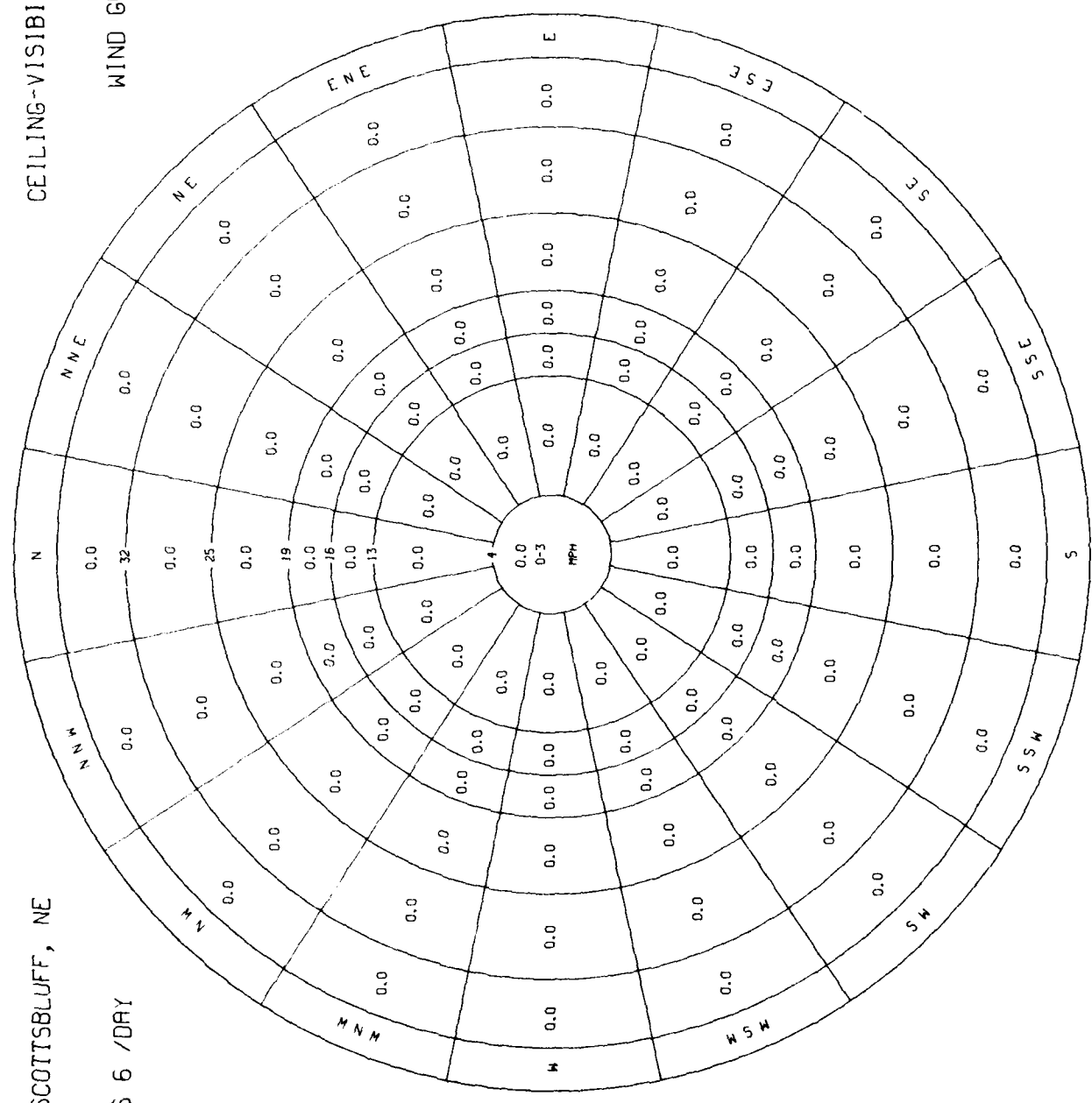
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.8	.0	3.2	.0	.8	.0	.8	.0	.0	.0	.8	.0	.0	.0	6.3	11.9
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.5
ENE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.0
E	.0	2.4	.0	11.1	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	16.7	8.7
ESE	.0	.0	.0	11.9	.0	6.3	.0	2.4	.0	.8	.0	.0	.0	.0	.0	21.4	12.1
SE	.0	.8	.0	4.0	.0	2.4	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	10.3	12.2
SSE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	4.0	8.4
S	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	1.6	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
NW	.0	.0	.0	5.6	.0	.8	.0	.8	.0	1.6	.0	3.2	.0	.8	.0	12.7	17.4
NNW	.0	.8	.0	2.4	.0	.0	.0	.8	.0	1.6	.0	.8	.0	.0	.0	6.3	13.7
CALM	.0	9.5													.0	9.5	
TOTAL	1	19.0	2	49.2	0	11.9	0	7.9	0	6.3	0	4.8	0	.8	3	10.0	10.2

CEILING-VISIBILITY

WIND GRAPH

BFF SCOTTSBLUFF, NE

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

CLASS 6 / DAY

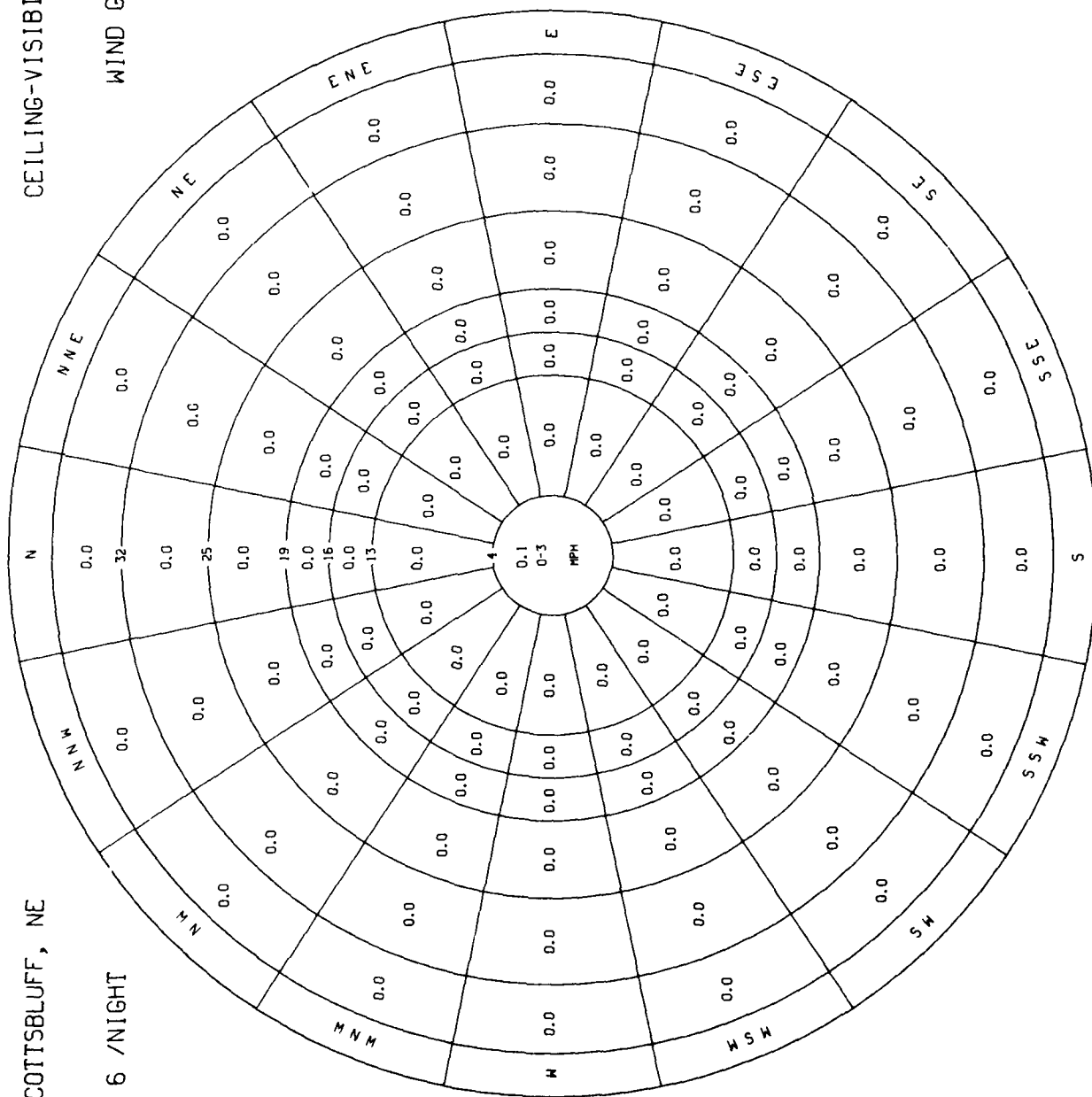
STATION NUMBER: 24028

NO. OBS.: 74

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	4.1	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	1.4	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	1.4	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	10.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	8.1
SE	.0	1.4	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
S	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	2.7	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0
NW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	1.4	.0	2.7	.0	17.6	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
CALM	.0	21.6													.0
TOTAL	.0	27.0	.0	32.4	.0	2.7	.0	.0	.0	4.1	.0	4.1	.0	29.7	.1
															100
															16.4

CEILING-VISIBILITY

WIND GRAPH



BFF SCOTTSBLUFF, NE

CLASS 6 /NIGHT

ANNUAL

STATION NAME: BFF SCOTTSBLUFF, NE

PERIOD: 1948-1978

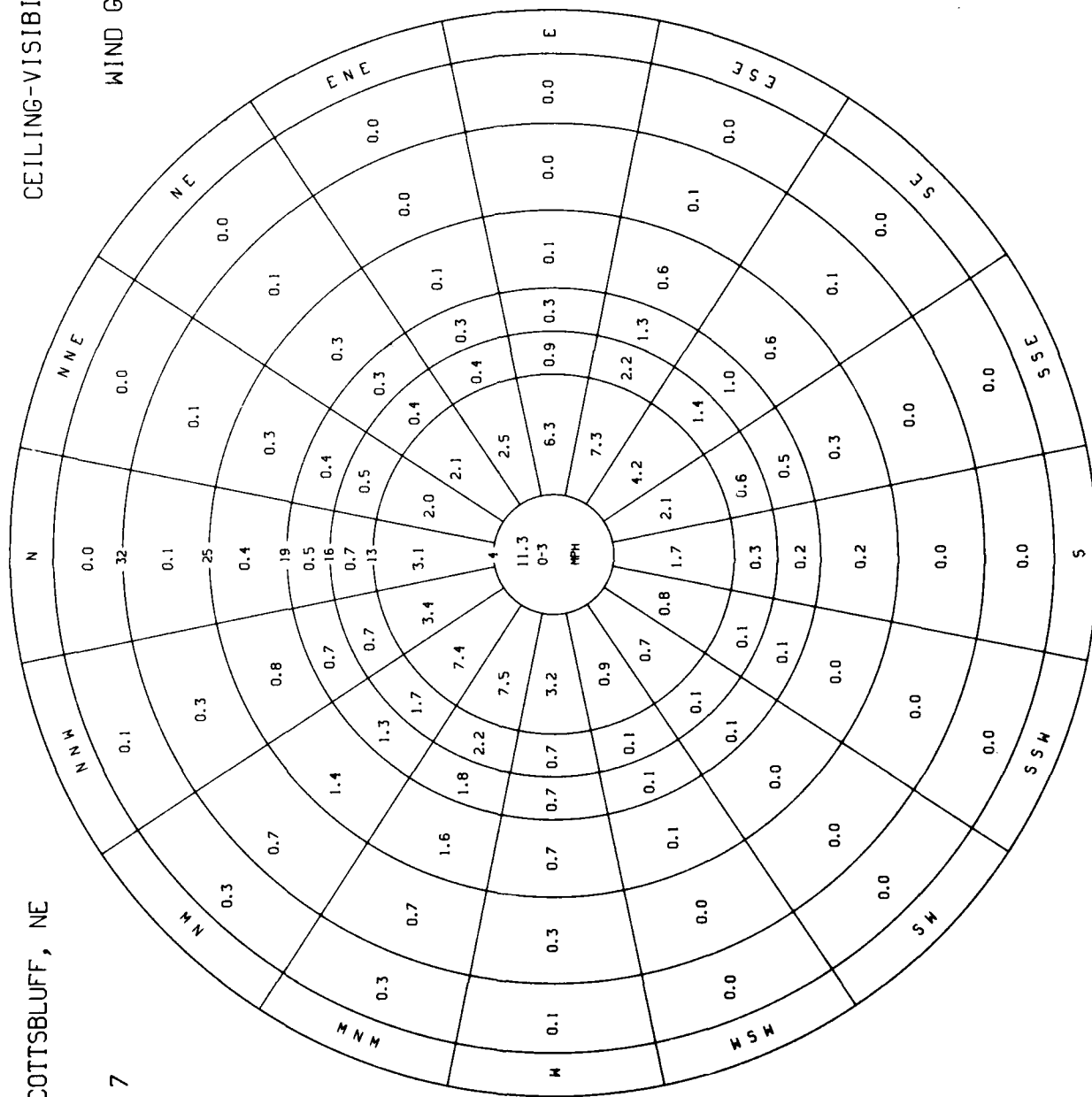
CLASS 6 / NIGHT

STATION NUMBER: 24028

NO.	OBS.:	100
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
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90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	3.0	26.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	32.0
ENE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.5
E	.0	2.0	.0	6.0	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	11.0	9.2
ESE	.0	1.0	.0	18.0	.0	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	1	23.0	9.6
SE	.0	1.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	6.1
SSE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.5
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0
WNW	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	9.0	10.2
NW	.0	2.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	.0	16.0	22.9
NNW	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	4.0	10.2
CALM	.0	20.0													.0	20.0	
TOTAL	1	29.0	1	51.0	.0	3.0	.0	1.0	.0	3.0	.0	2.0	.0	11.0	.2	100	10.1

BFF SCOTTSBLUFF, NE
 CLASS 7
 CEILING-VISIBILITY
 WIND GRAPH



**DAT
FILM**