Figure 2.7-101—{CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

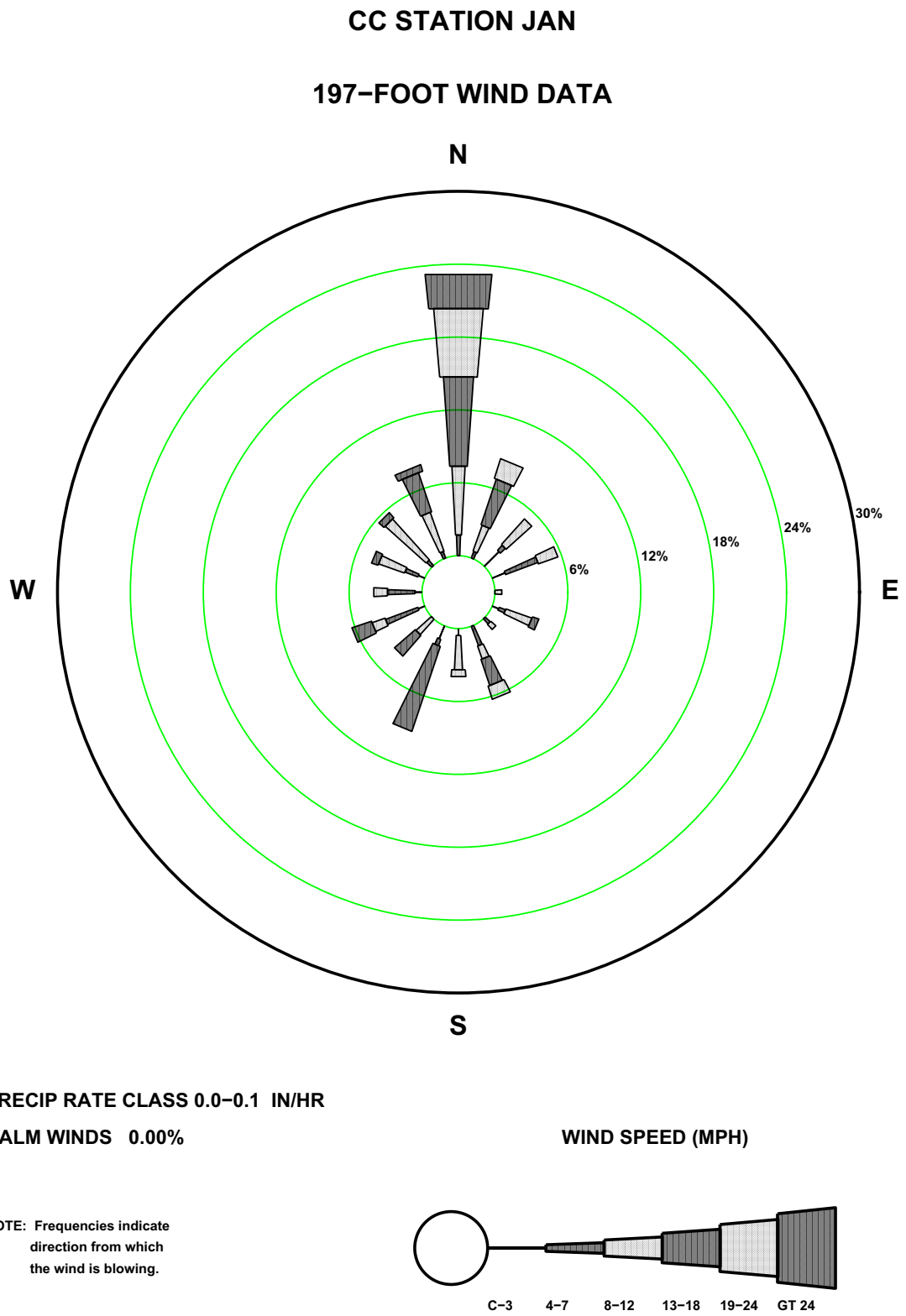

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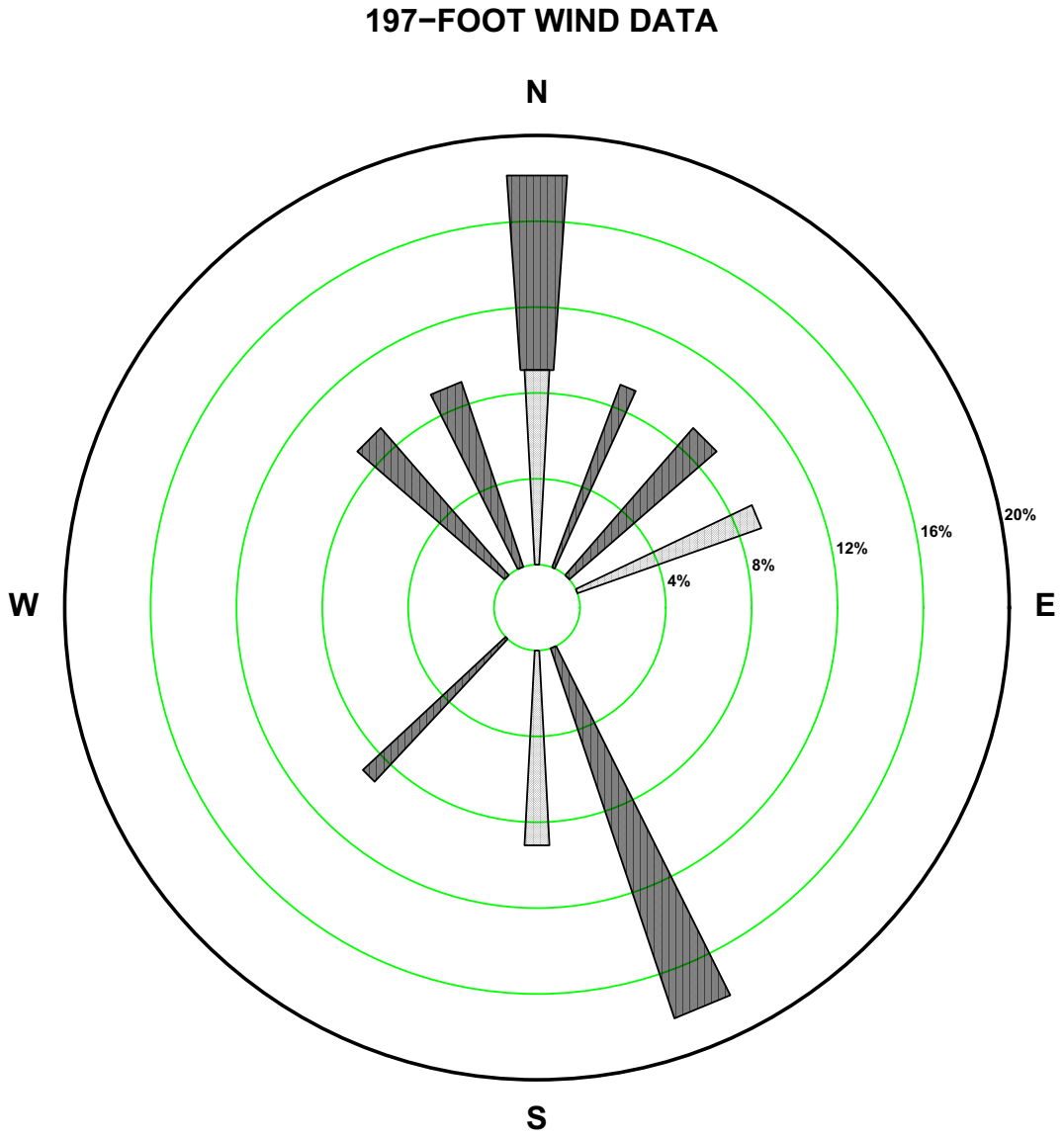
Figure 2.7-102—{CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



PRECIP RATE CLASS 0.1−0.2 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

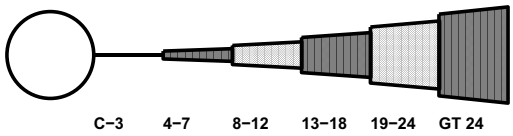


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Figure 2.7-103—{CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

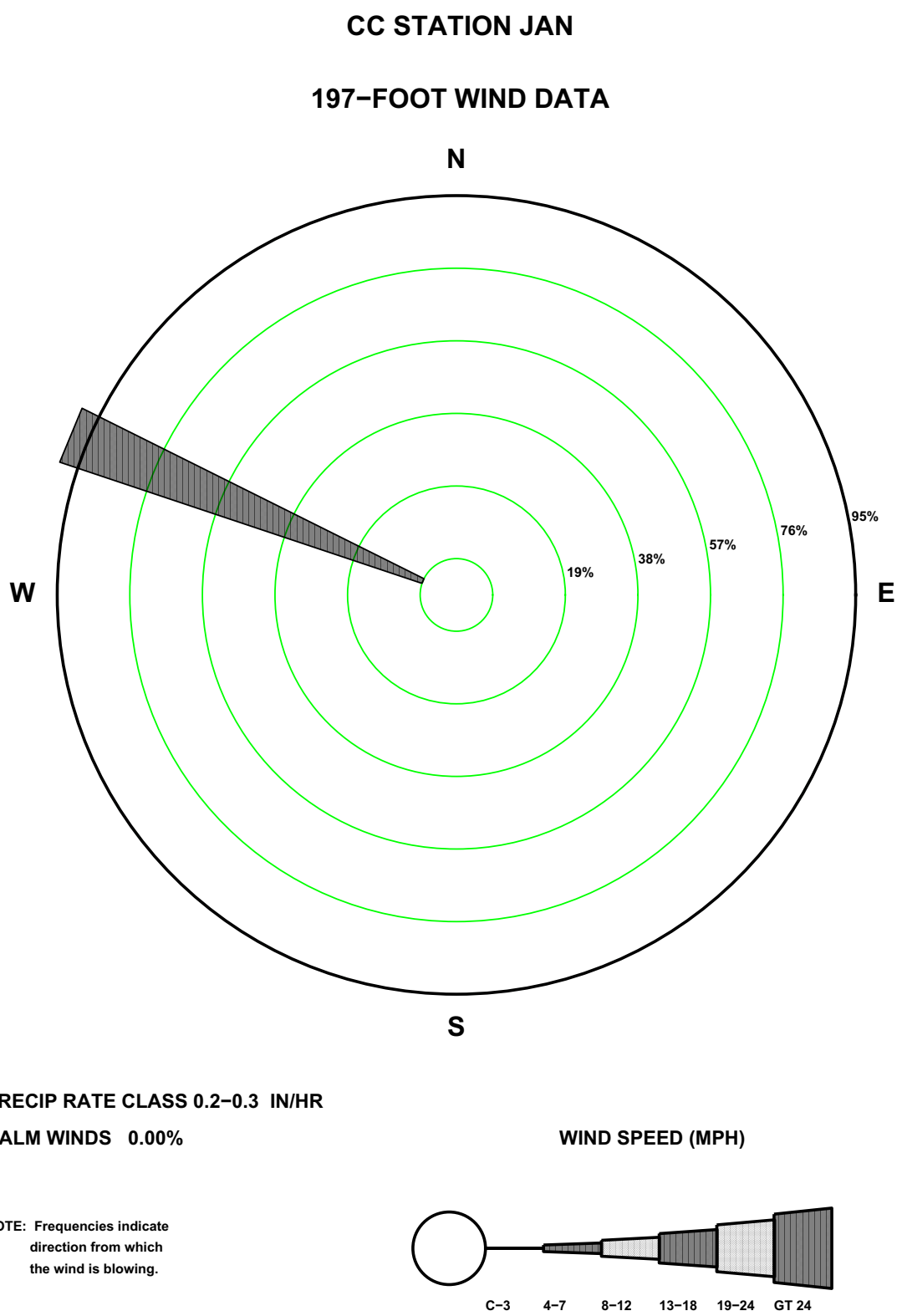

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Figure 2.7-104—{CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

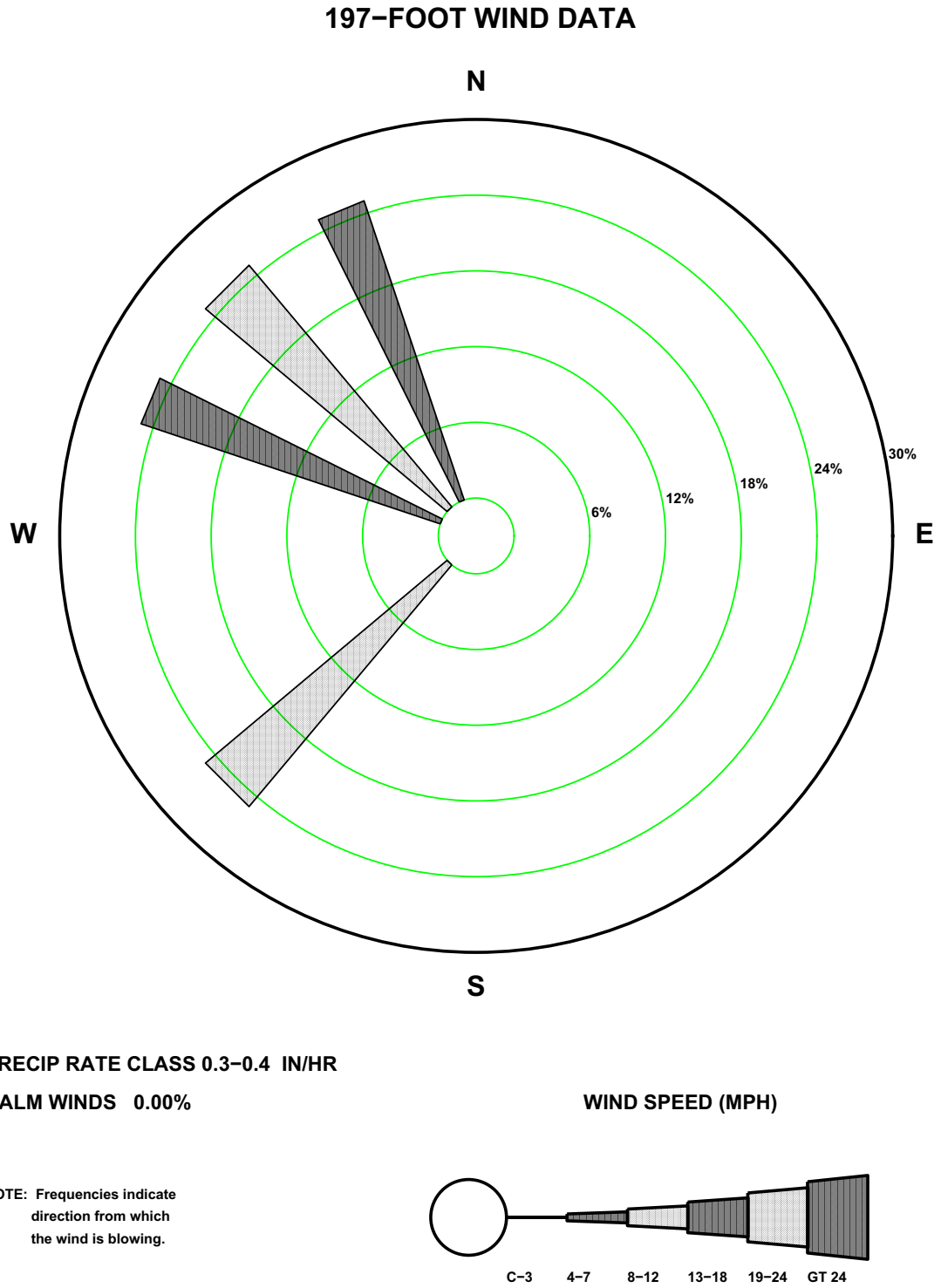

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Figure 2.7-105—{CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

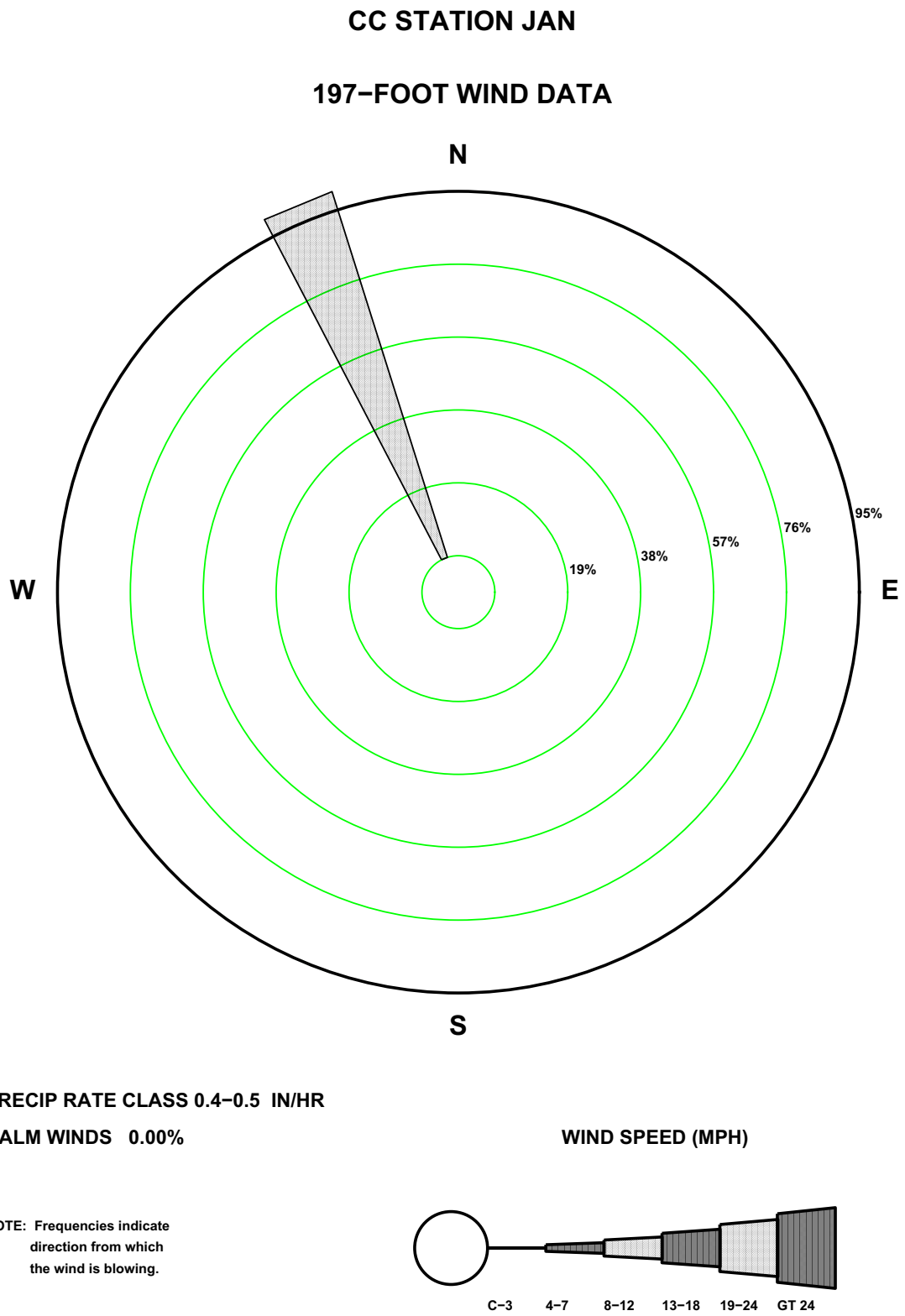

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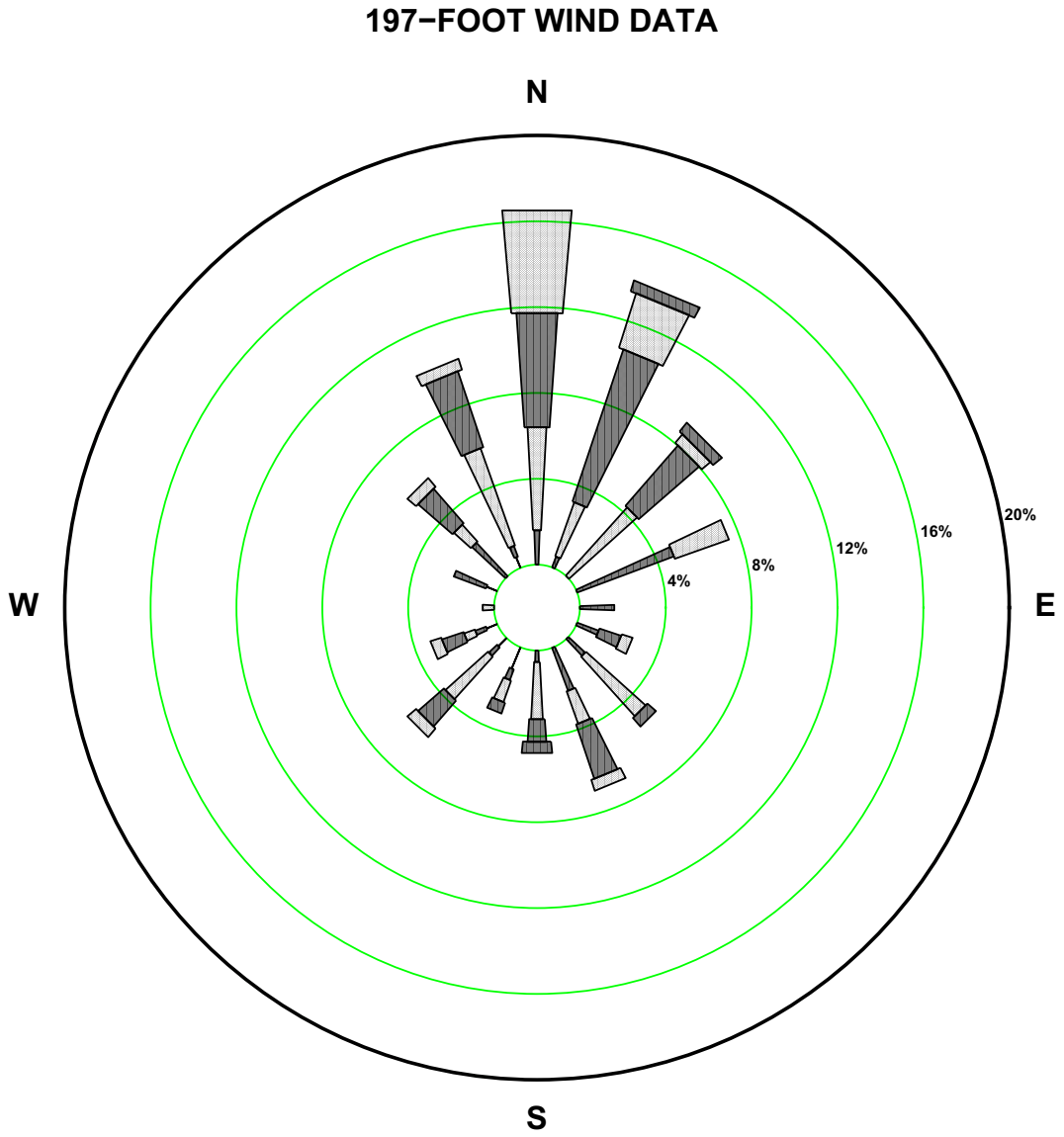
Figure 2.7-106—{CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.53%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

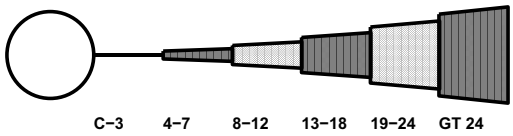


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Figure 2.7-107—{CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

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Figure 2.7-108—{CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

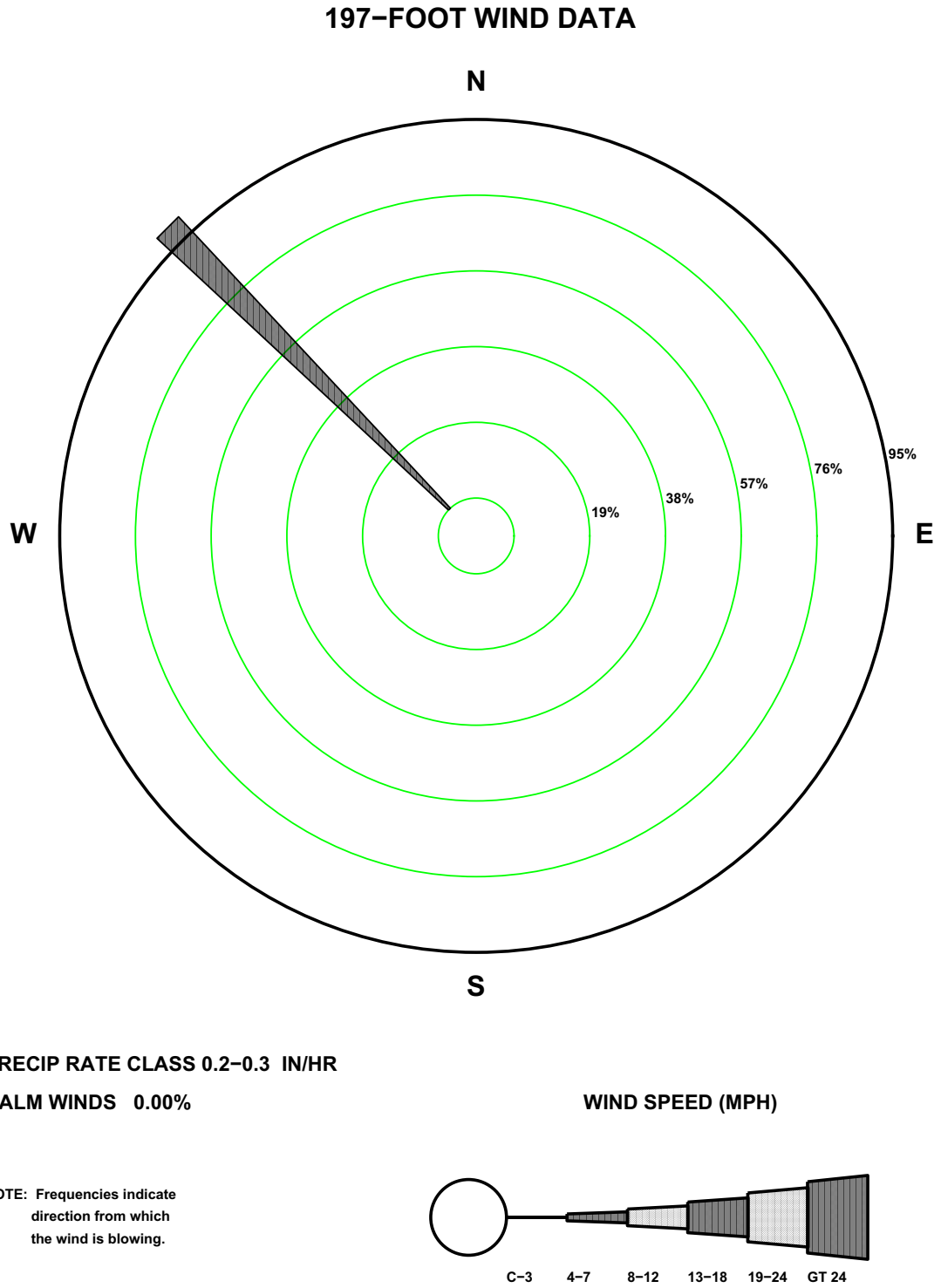

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Figure 2.7-109—{CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

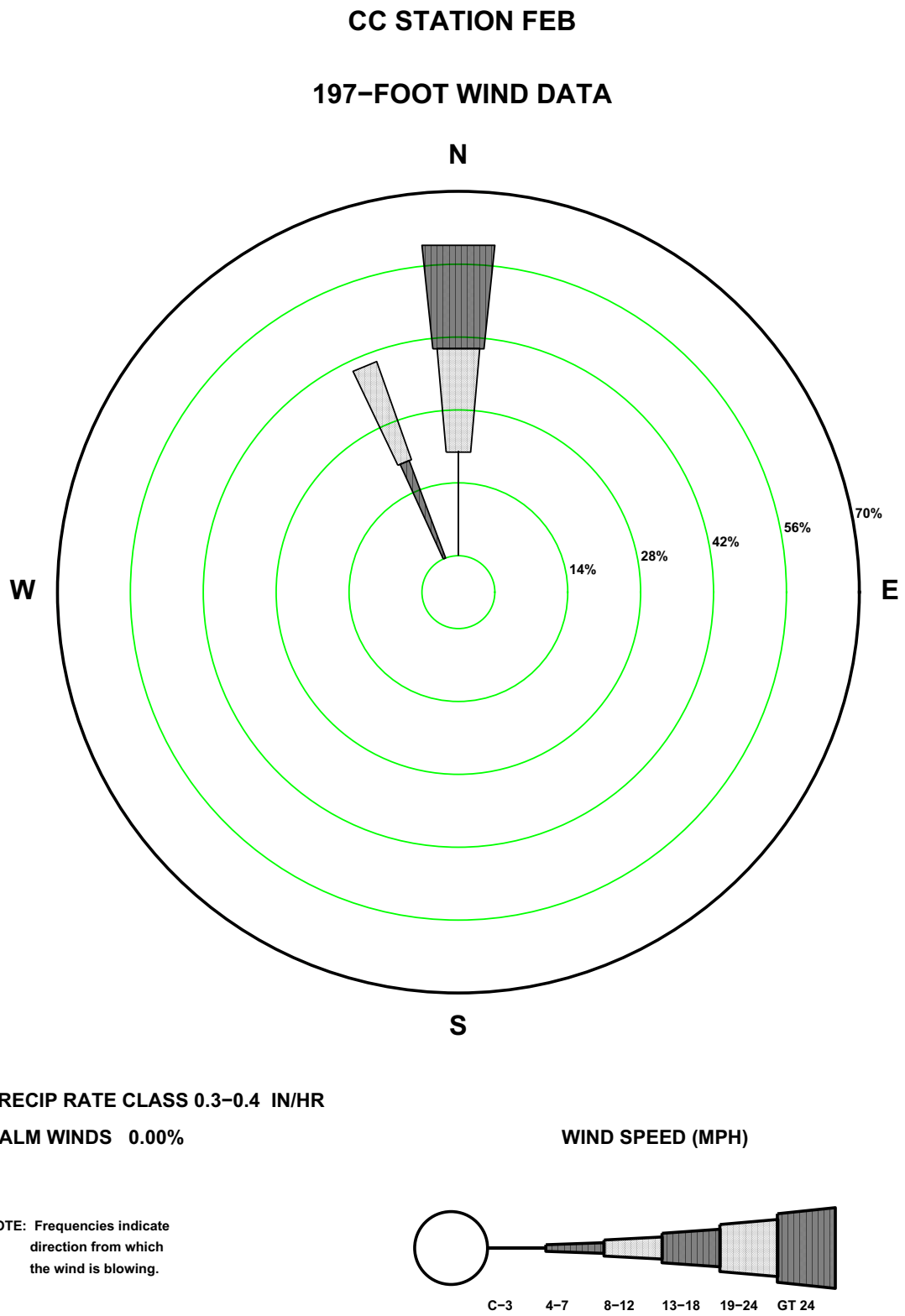

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Figure 2.7-110—{CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

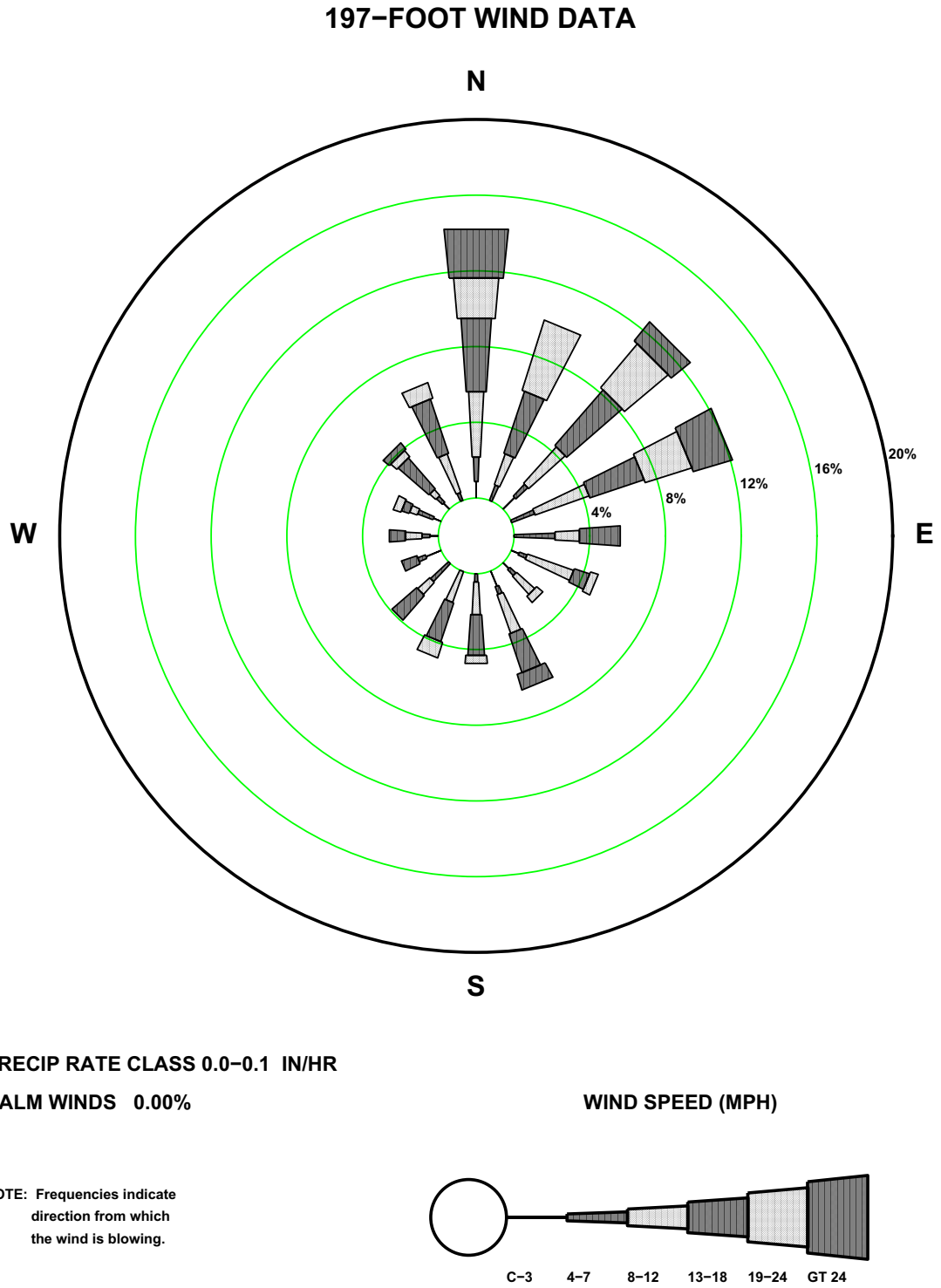

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Figure 2.7-111—{CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

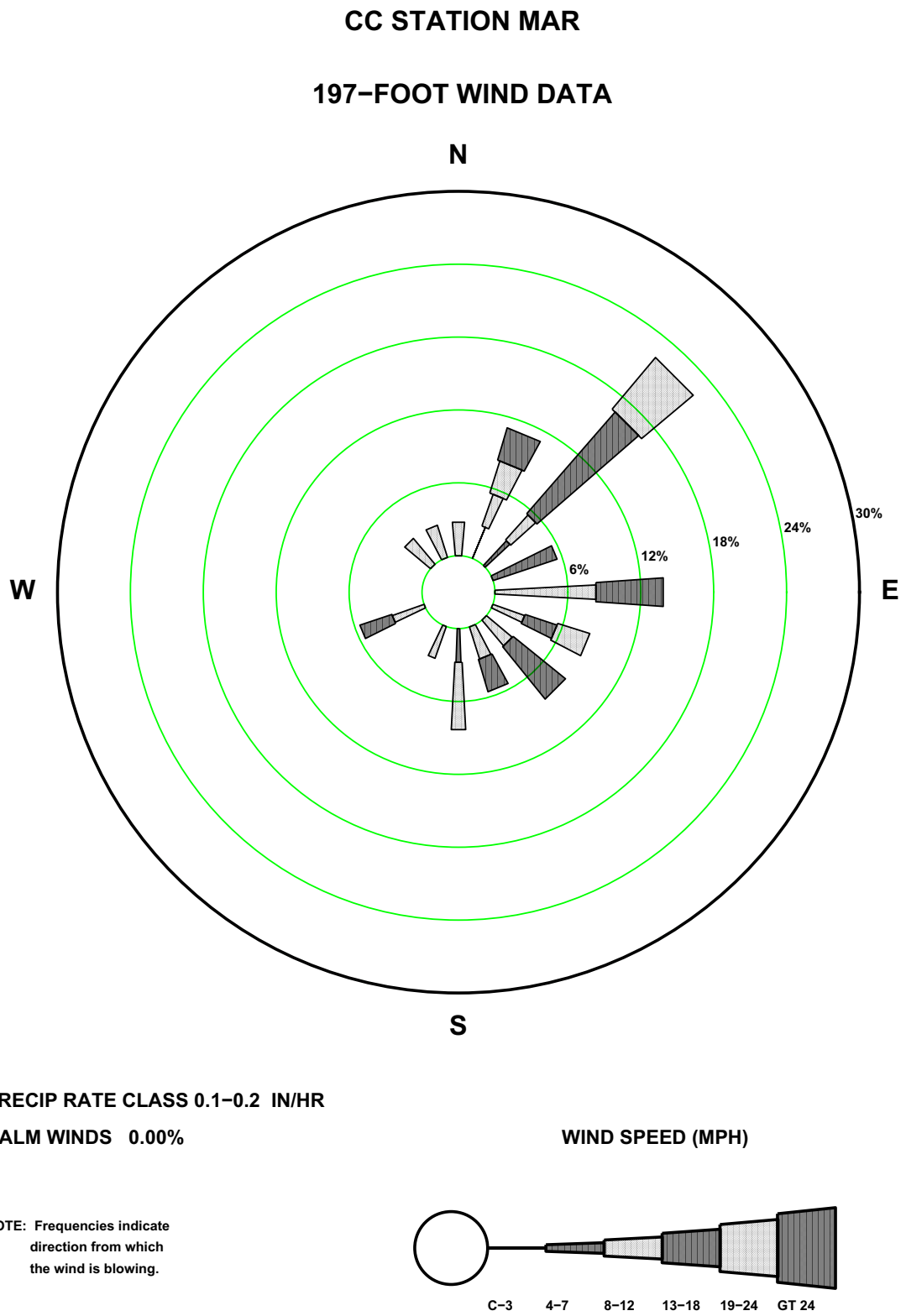

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Figure 2.7-112—{CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

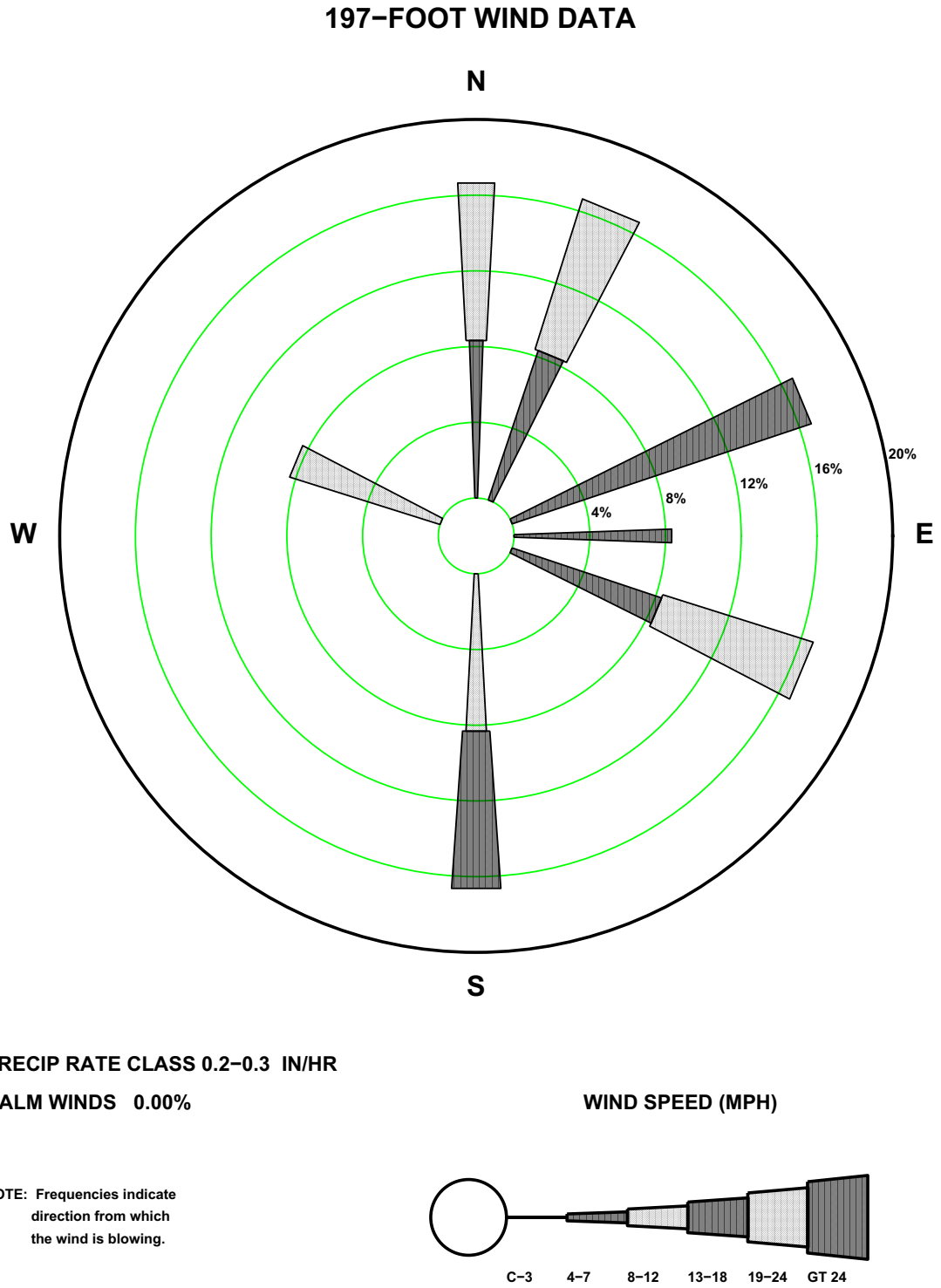

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Figure 2.7-113—{CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

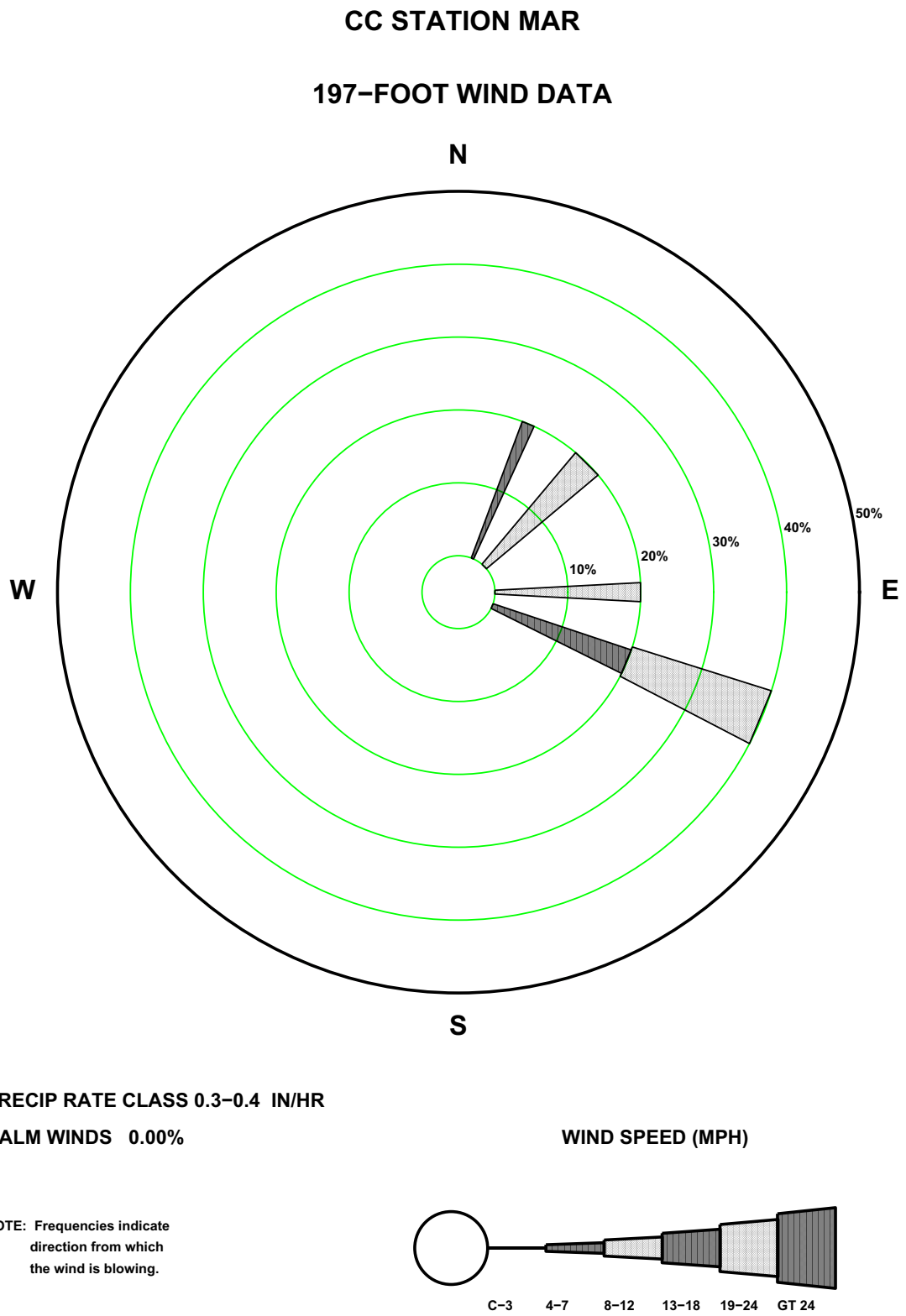

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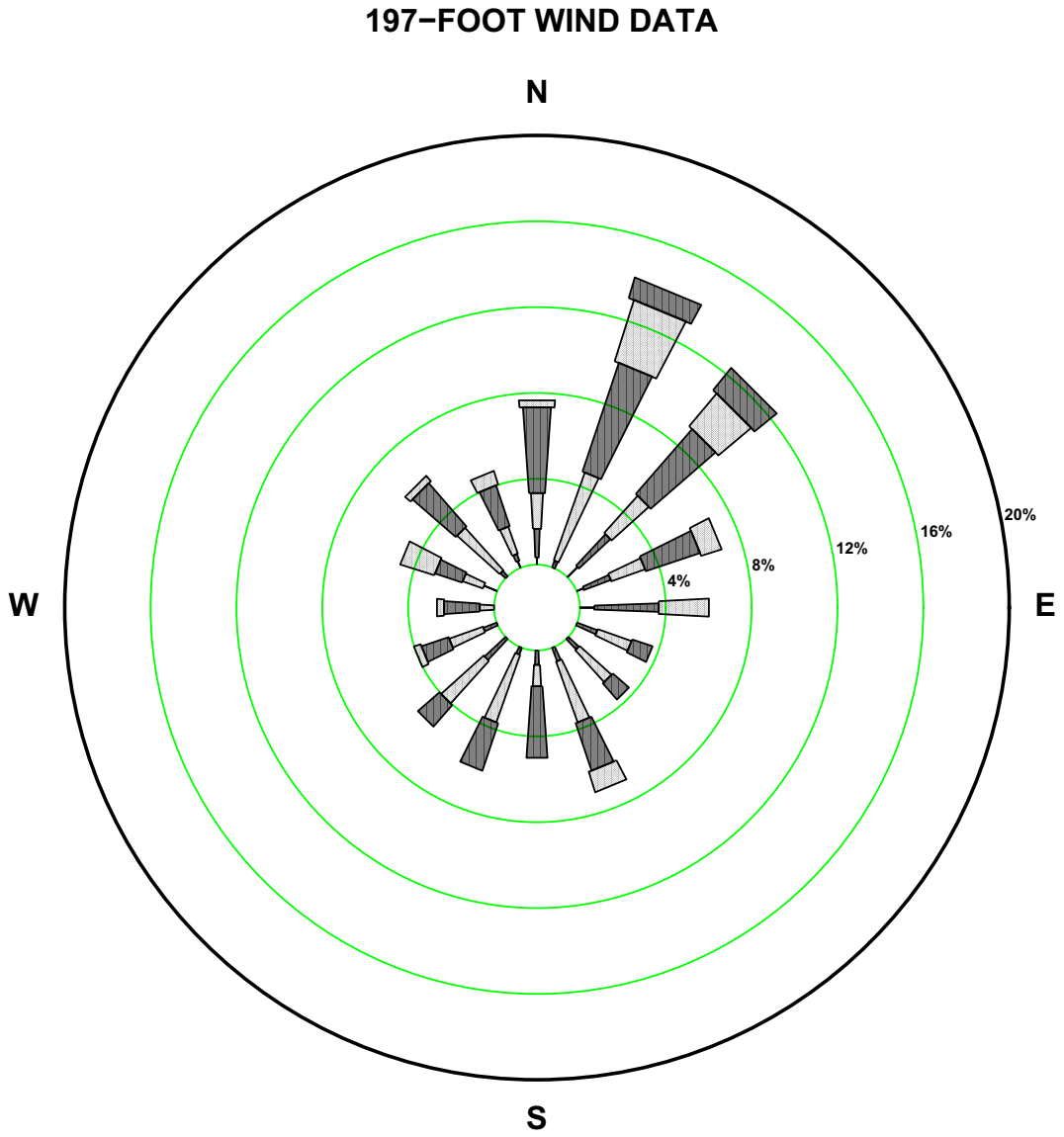
Figure 2.7-114—{CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

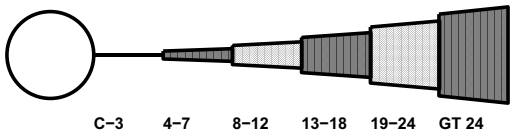


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Figure 2.7-115—{CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

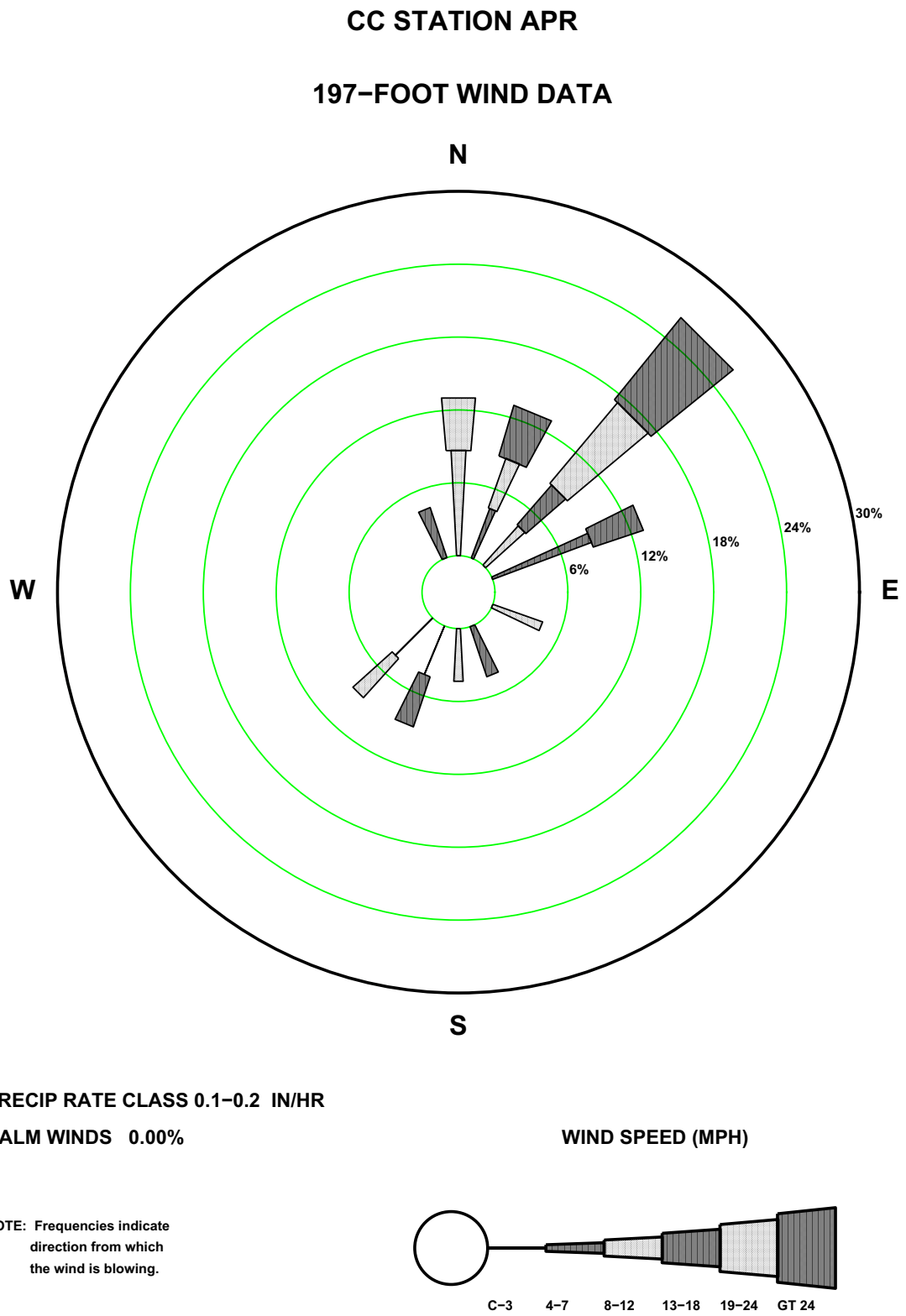

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Figure 2.7-116—{CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

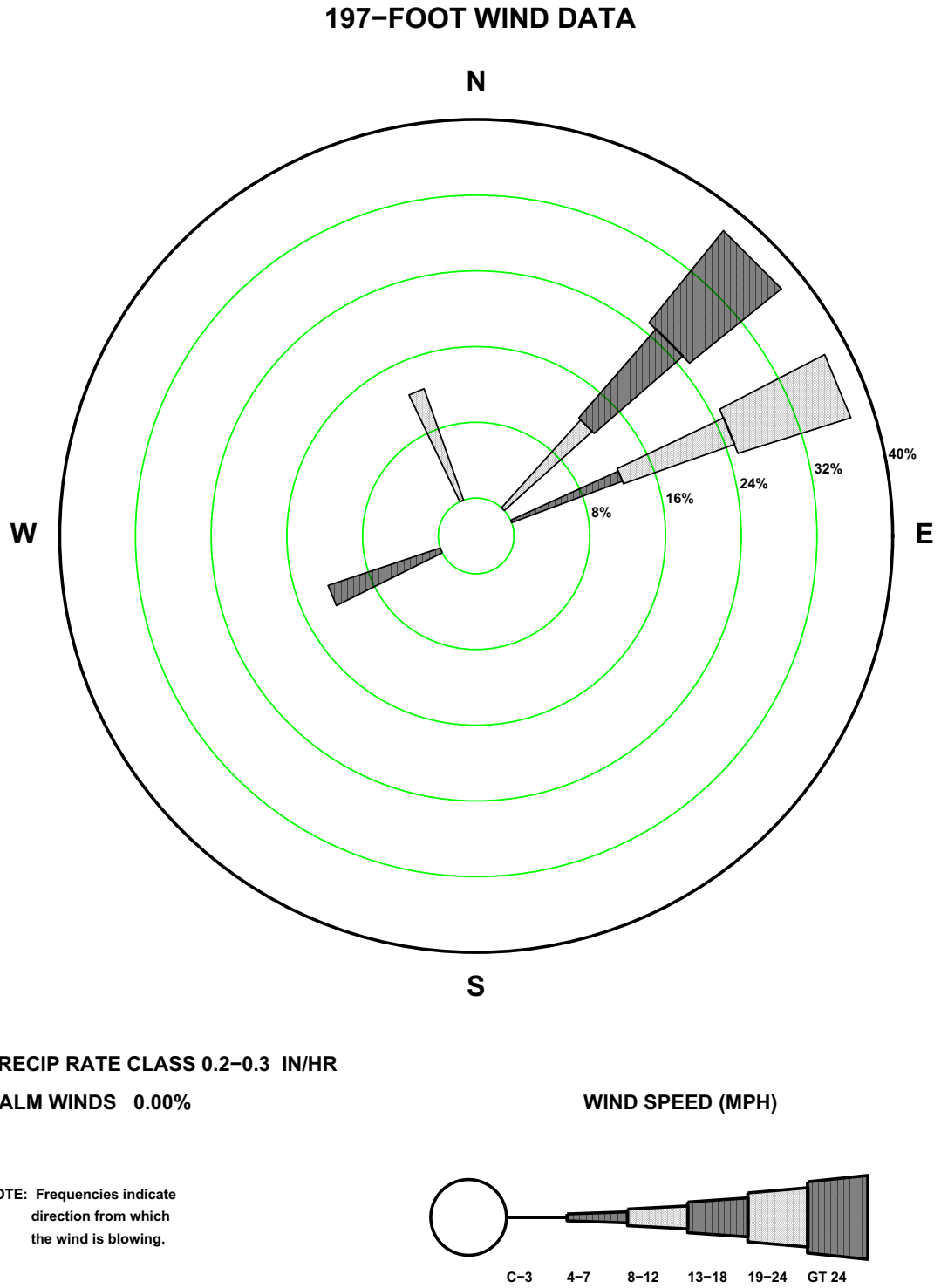

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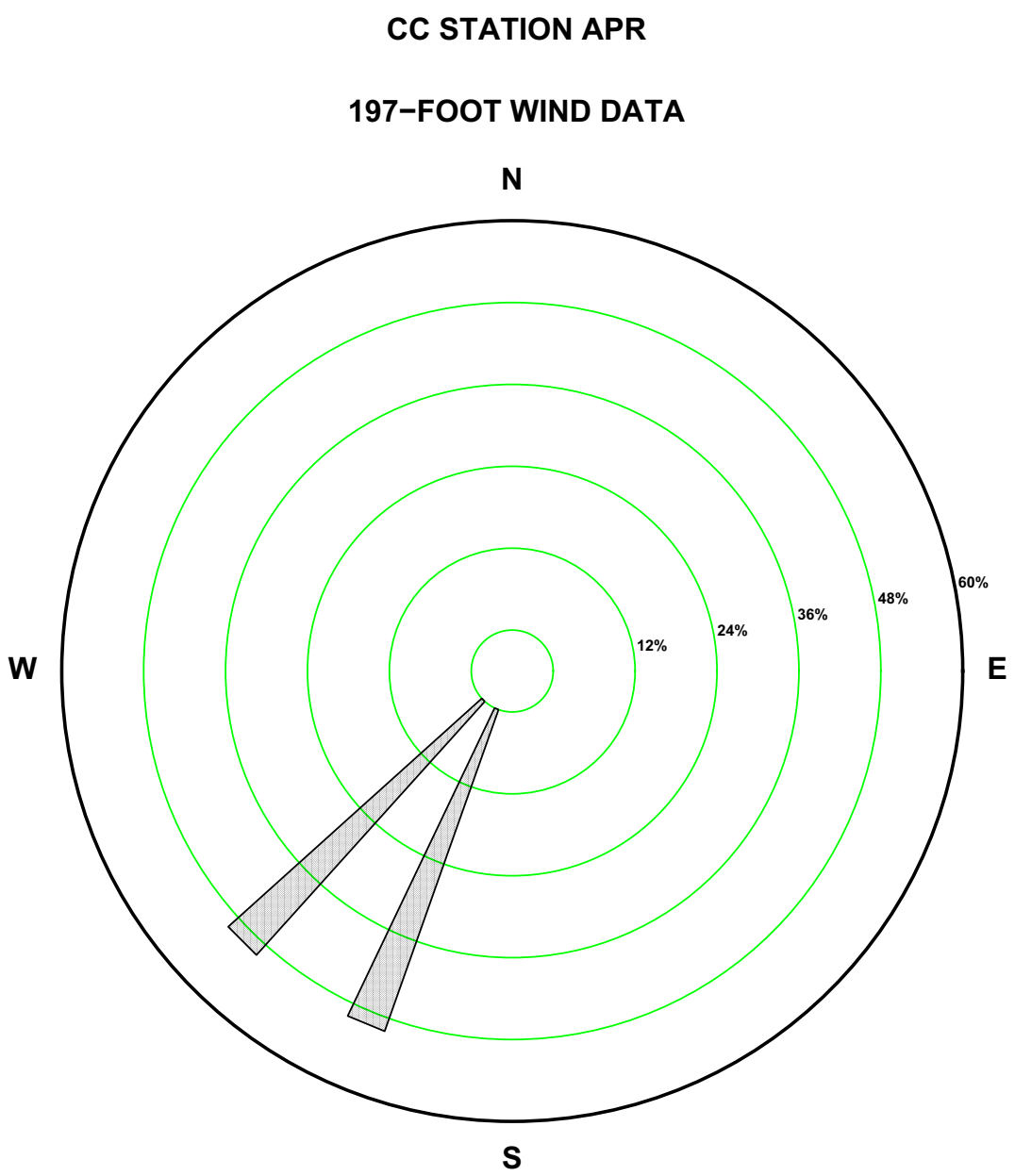
Figure 2.7-117—{CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



PRECIP RATE CLASS 0.3−0.4 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

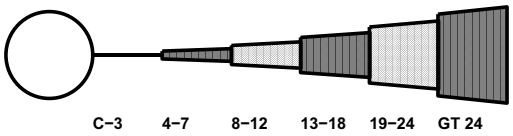


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Figure 2.7-118—{CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

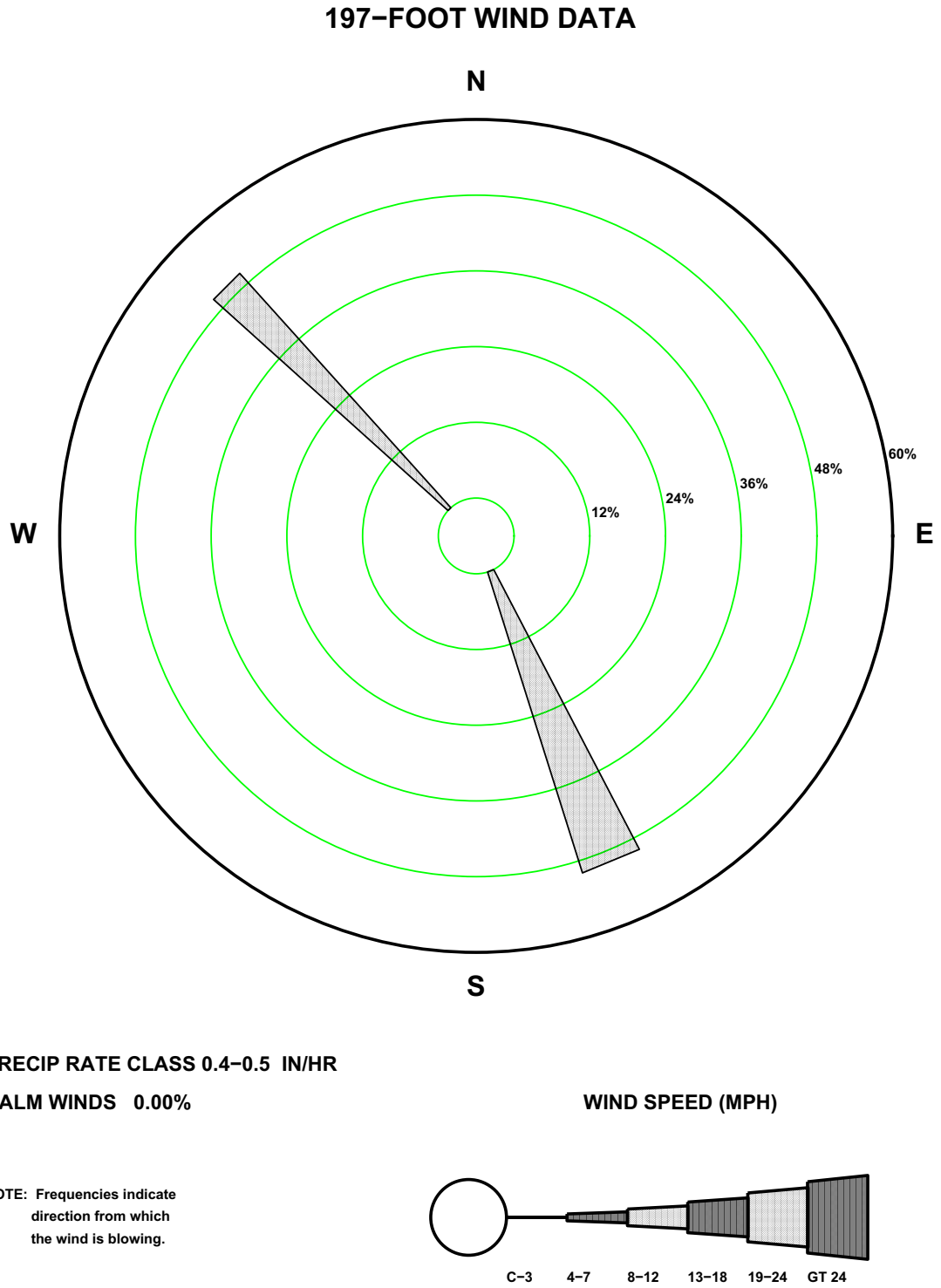

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Figure 2.7-119—{CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr}

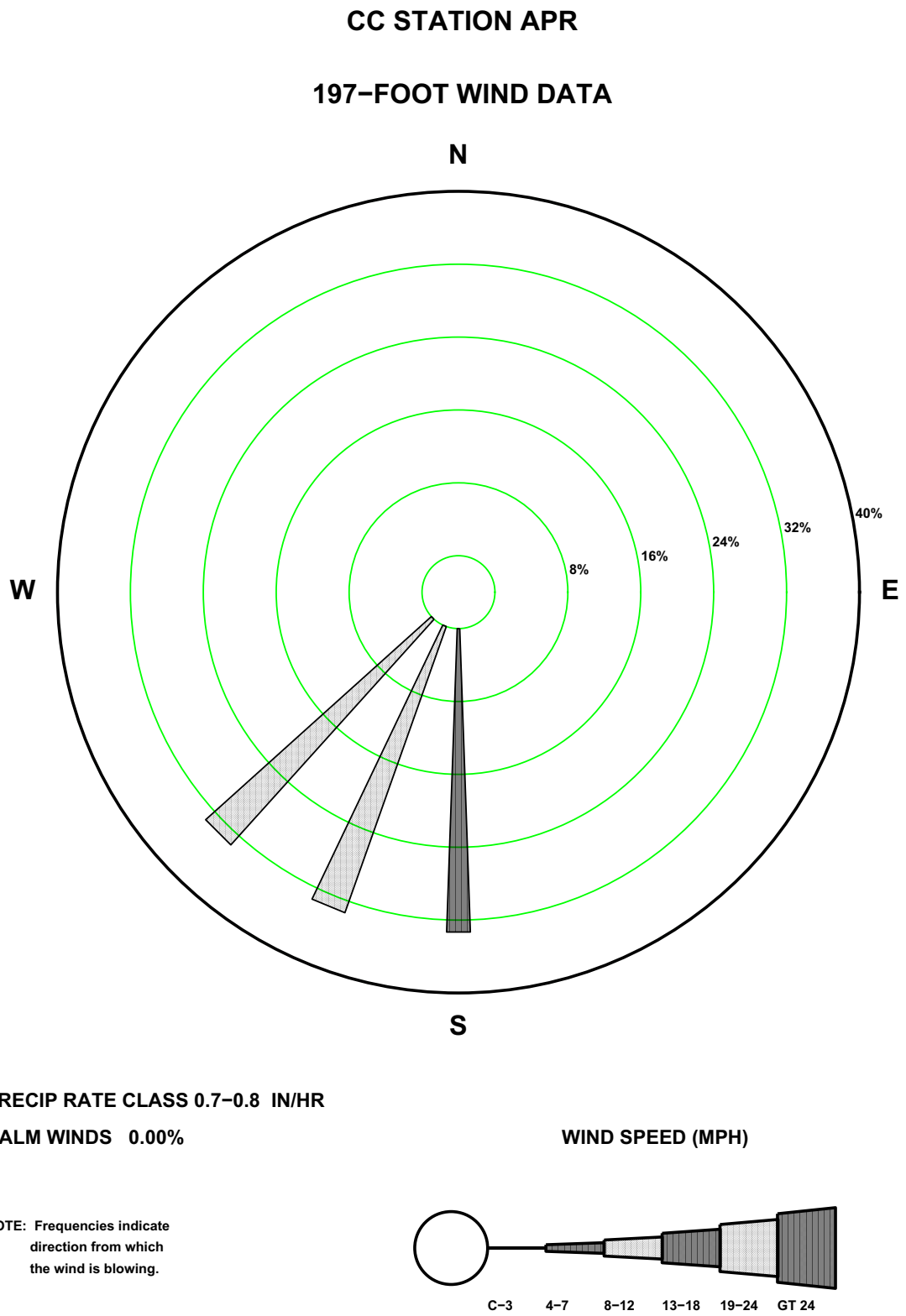

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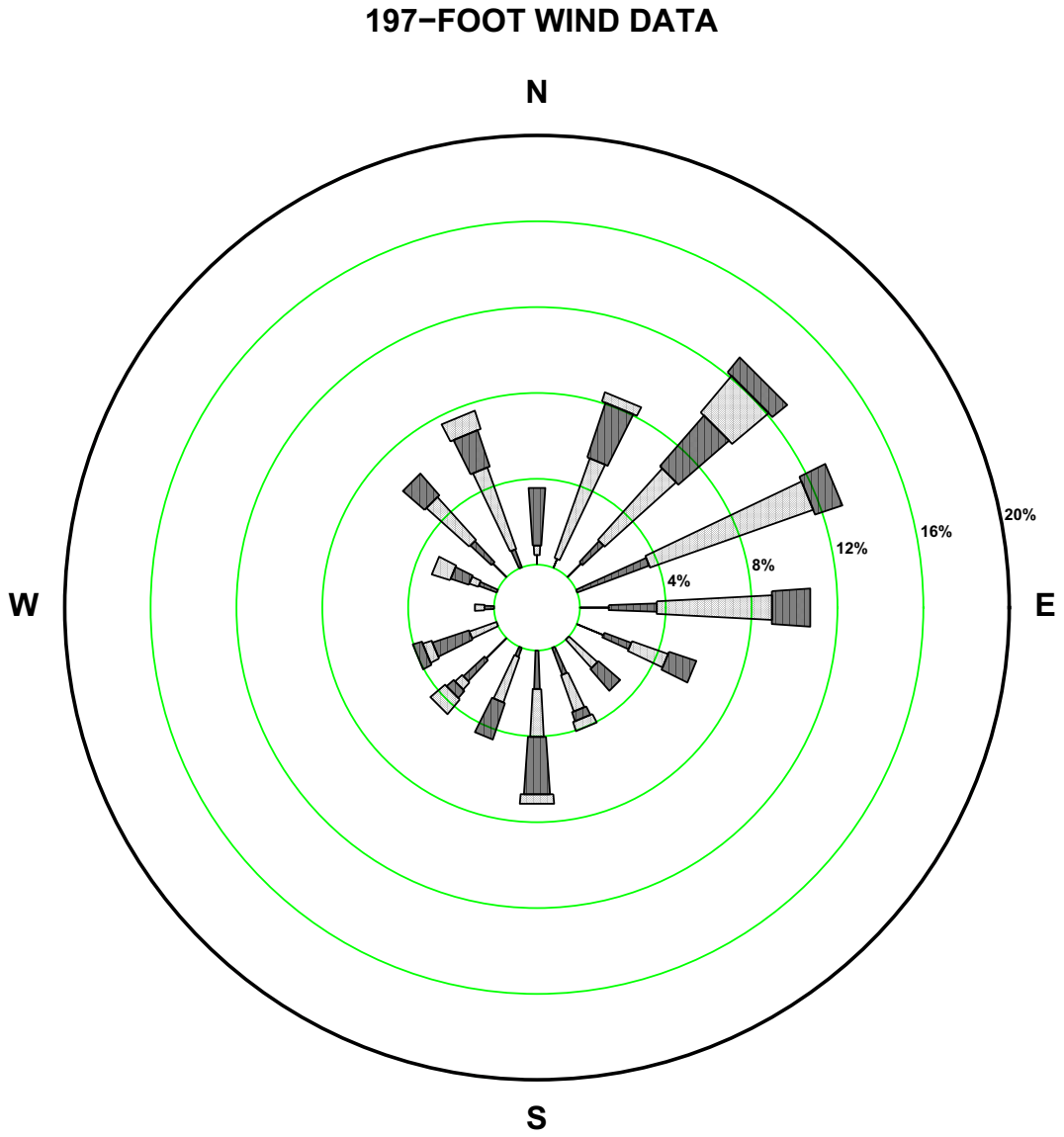
Figure 2.7-120—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

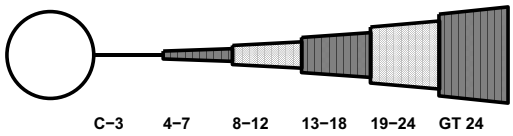


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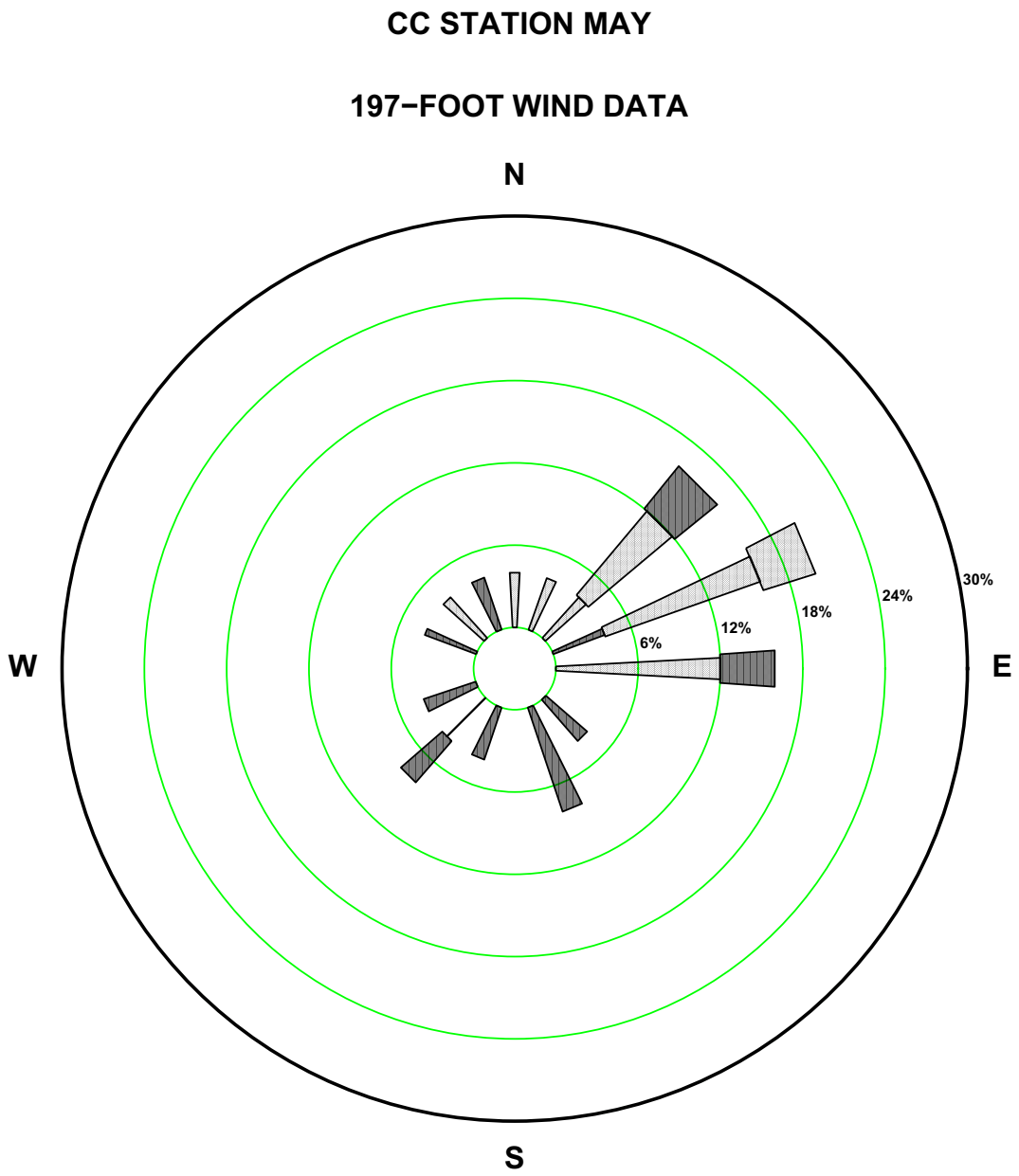
Figure 2.7-121—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



PRECIP RATE CLASS 0.1−0.2 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

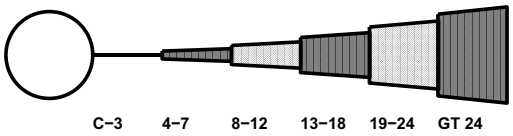


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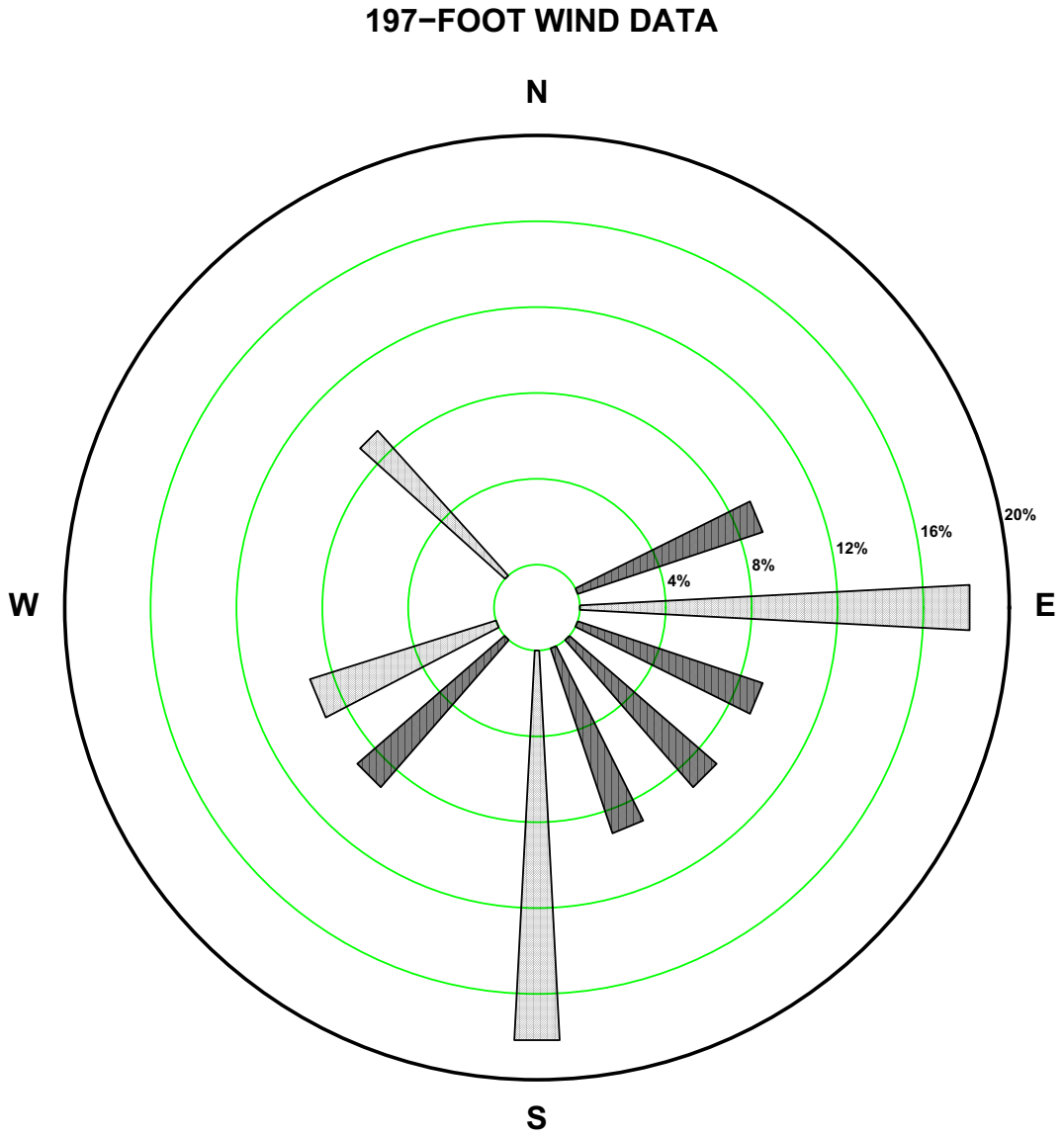
Figure 2.7-122—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



PRECIP RATE CLASS 0.2−0.3 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

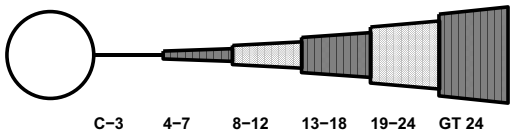


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Figure 2.7-123—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

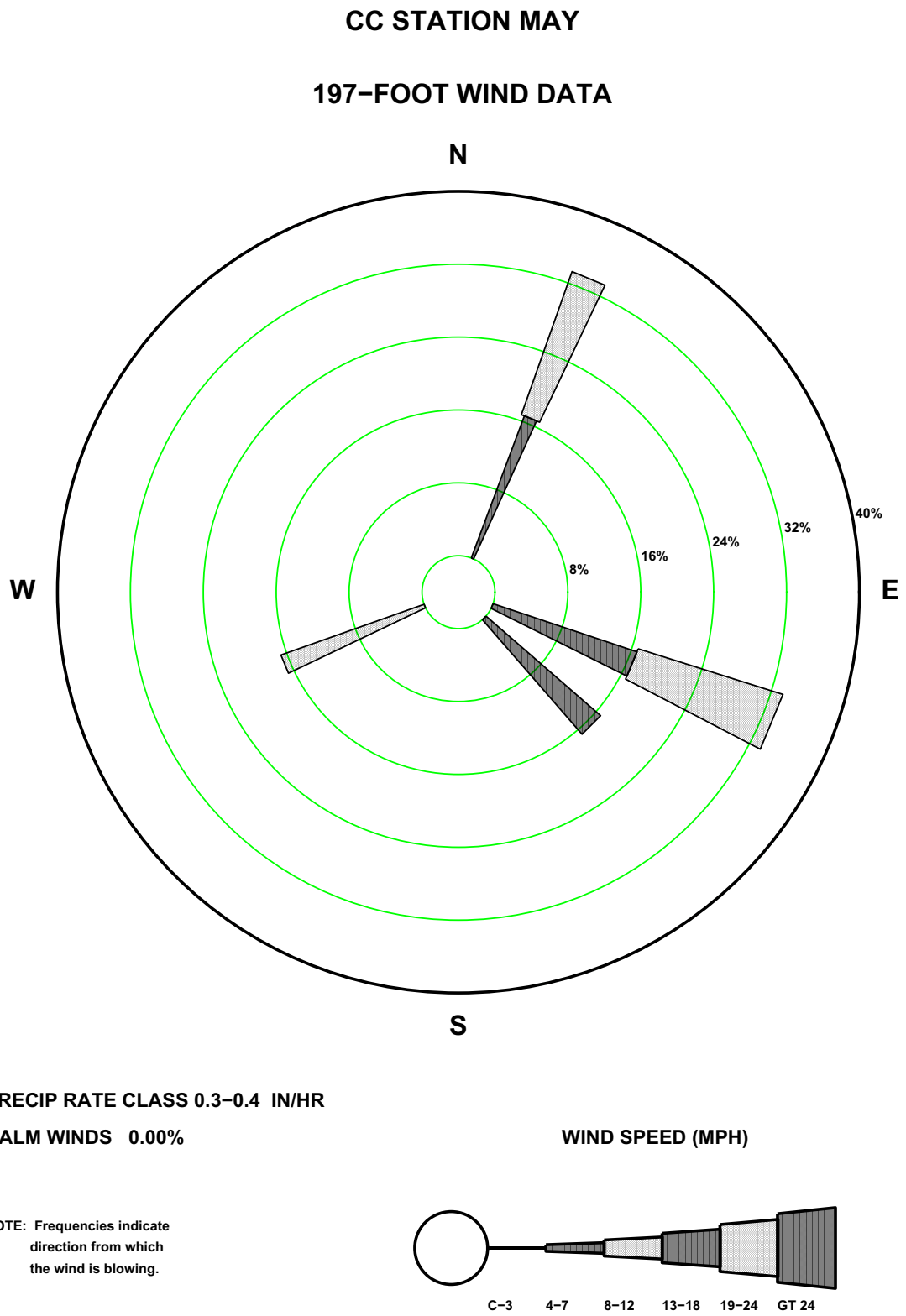

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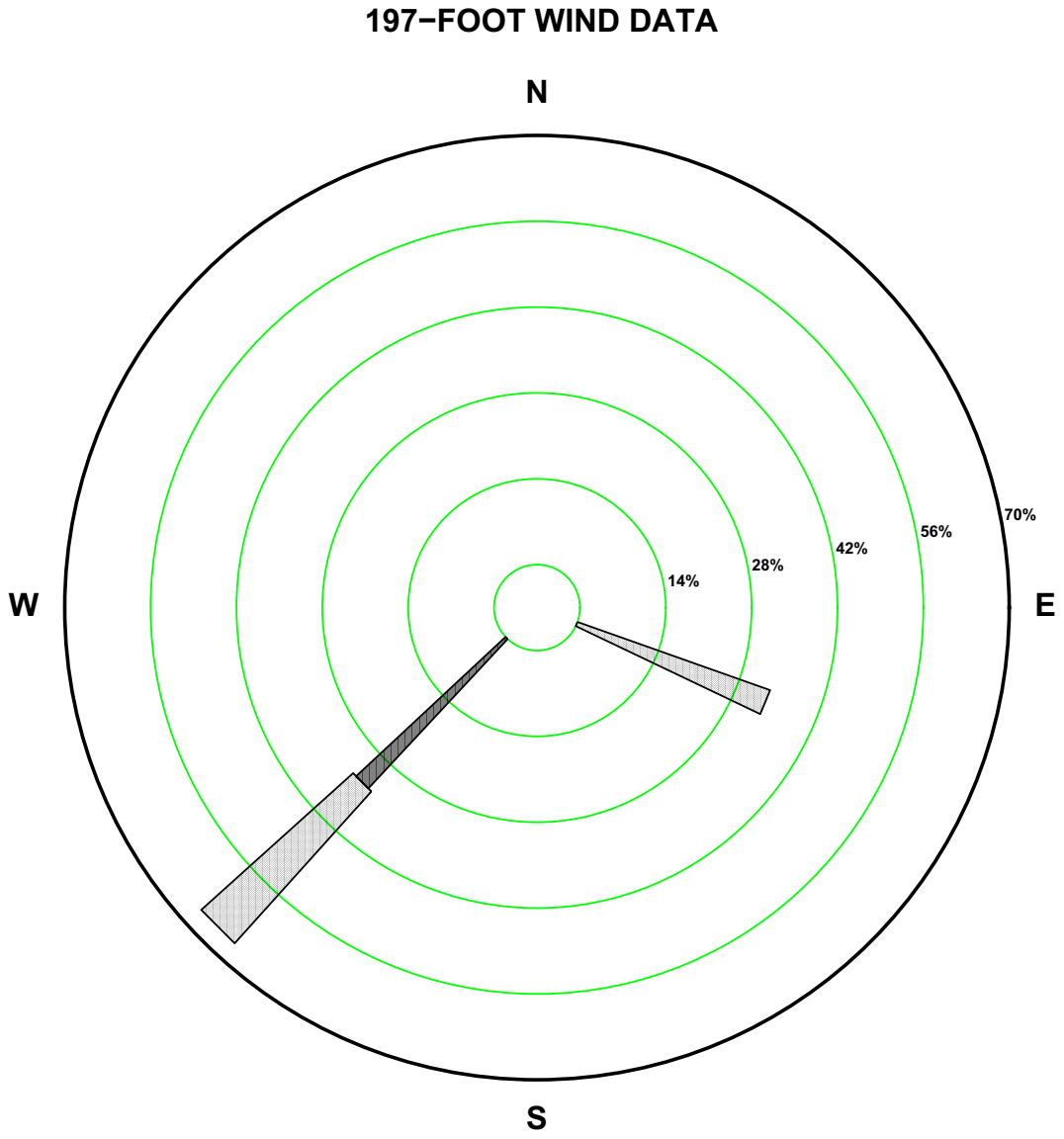
Figure 2.7-124—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}



PRECIP RATE CLASS 0.5−0.6 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

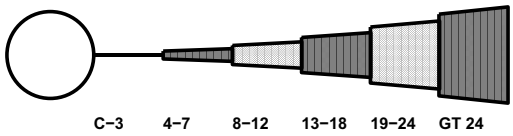


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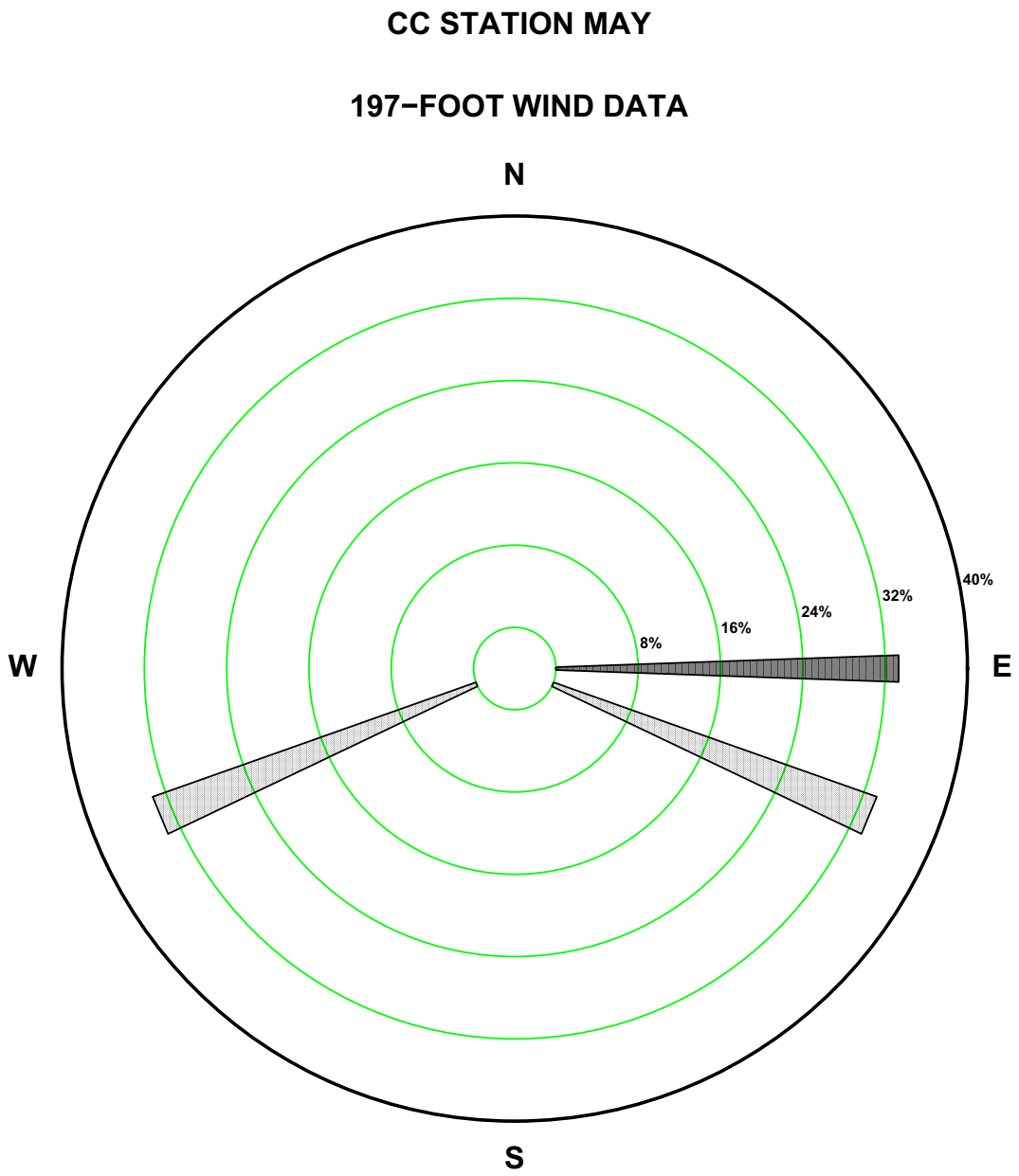
Figure 2.7-125—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}



PRECIP RATE CLASS 0.6−0.7 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

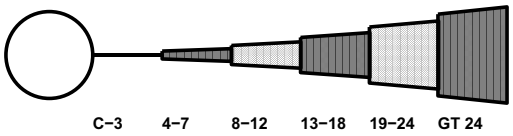


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Figure 2.7-126—{CCNPP 197 ft May Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr}

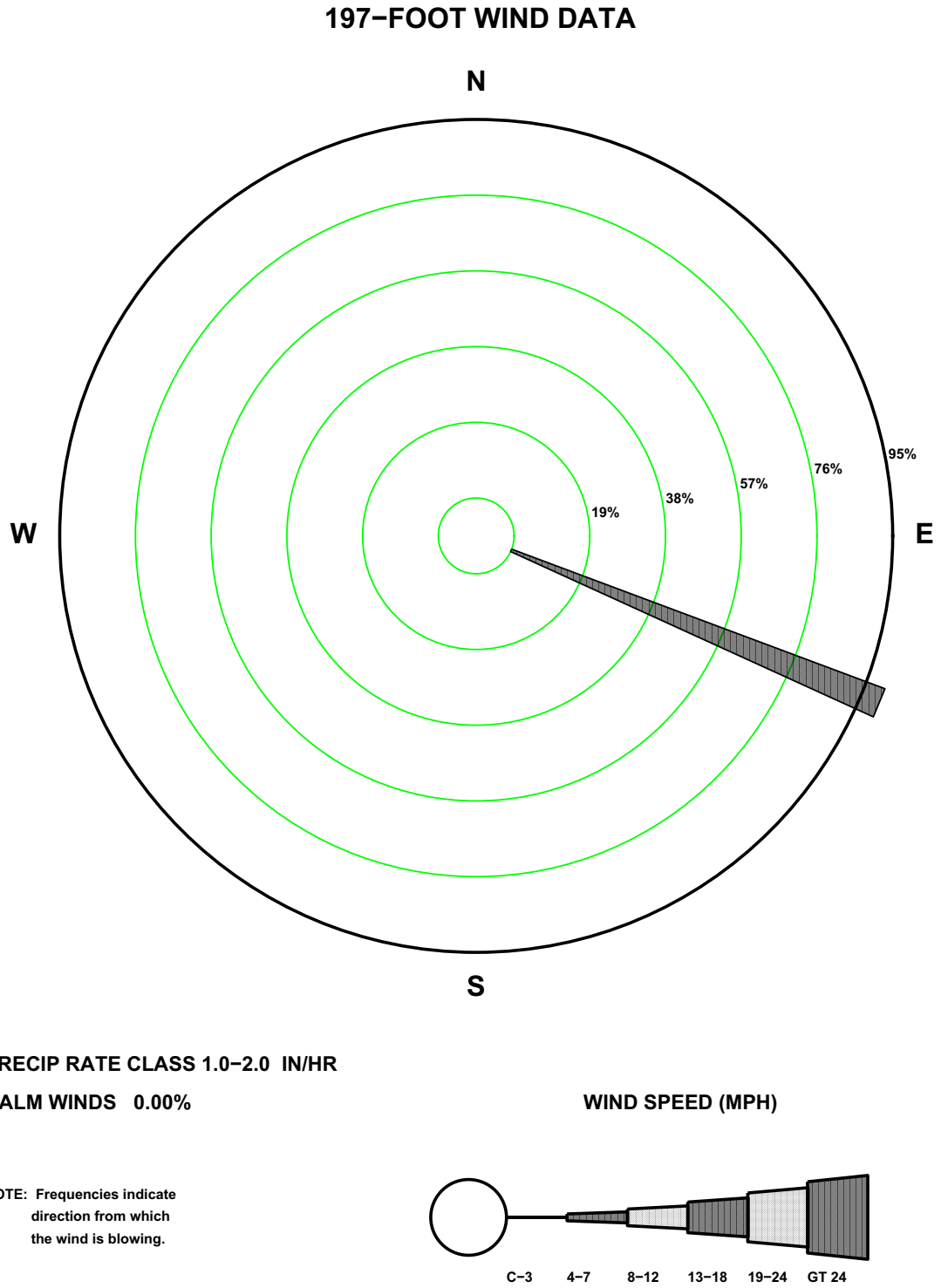

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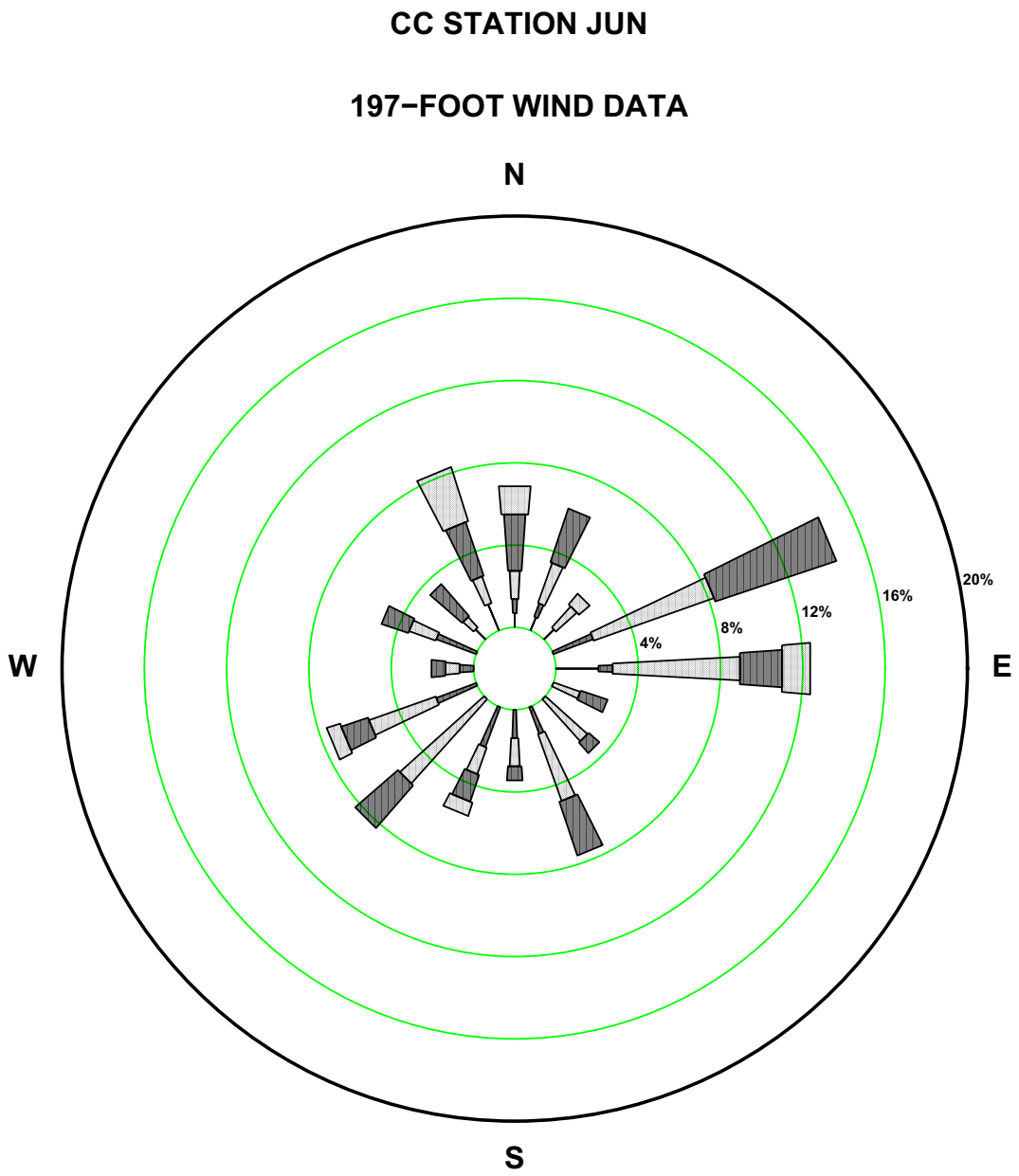
Figure 2.7-127—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

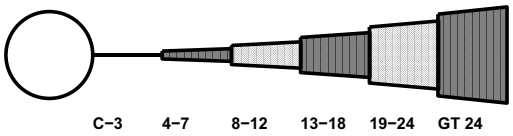


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Figure 2.7-128—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

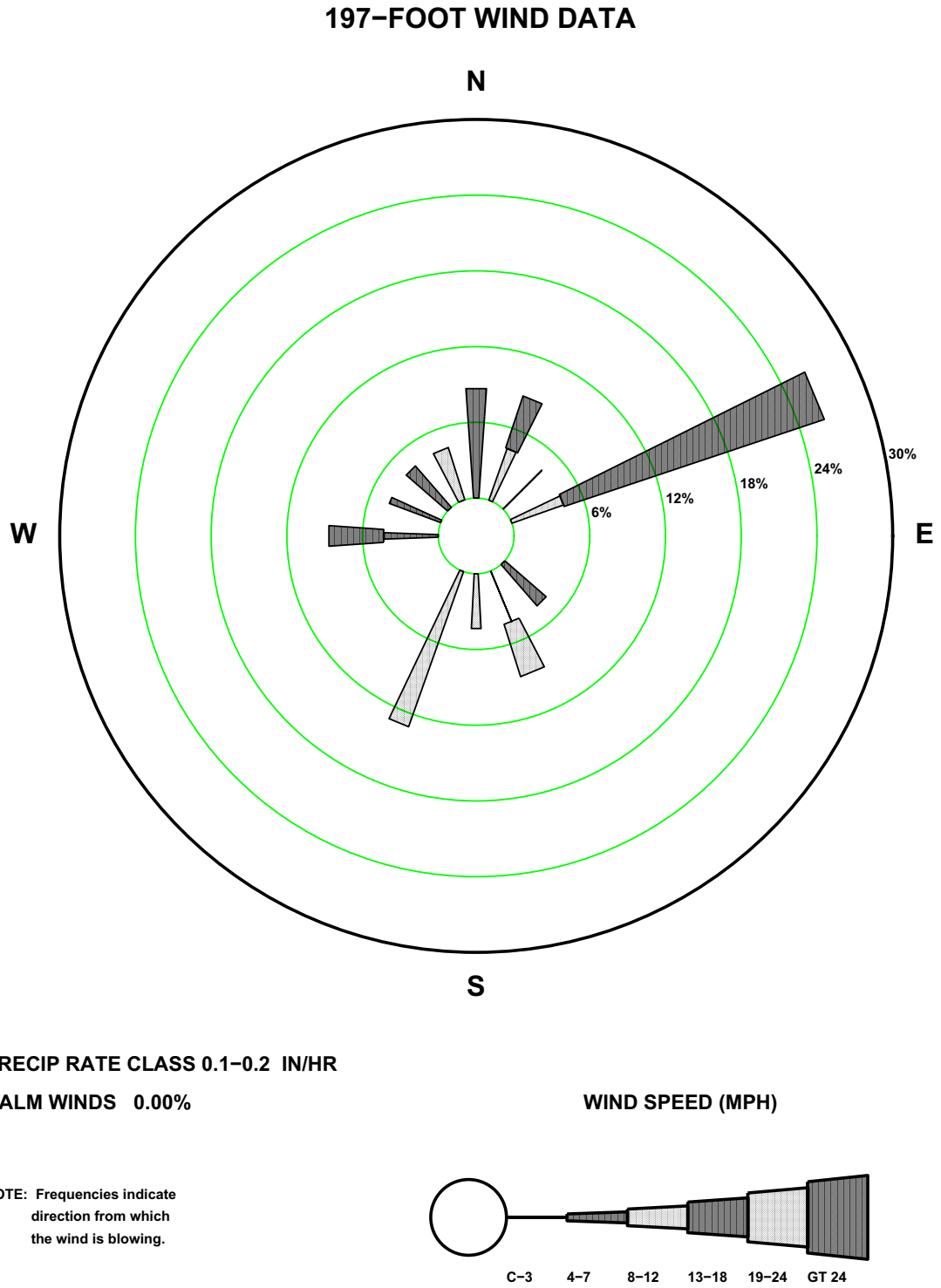

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Figure 2.7-129—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

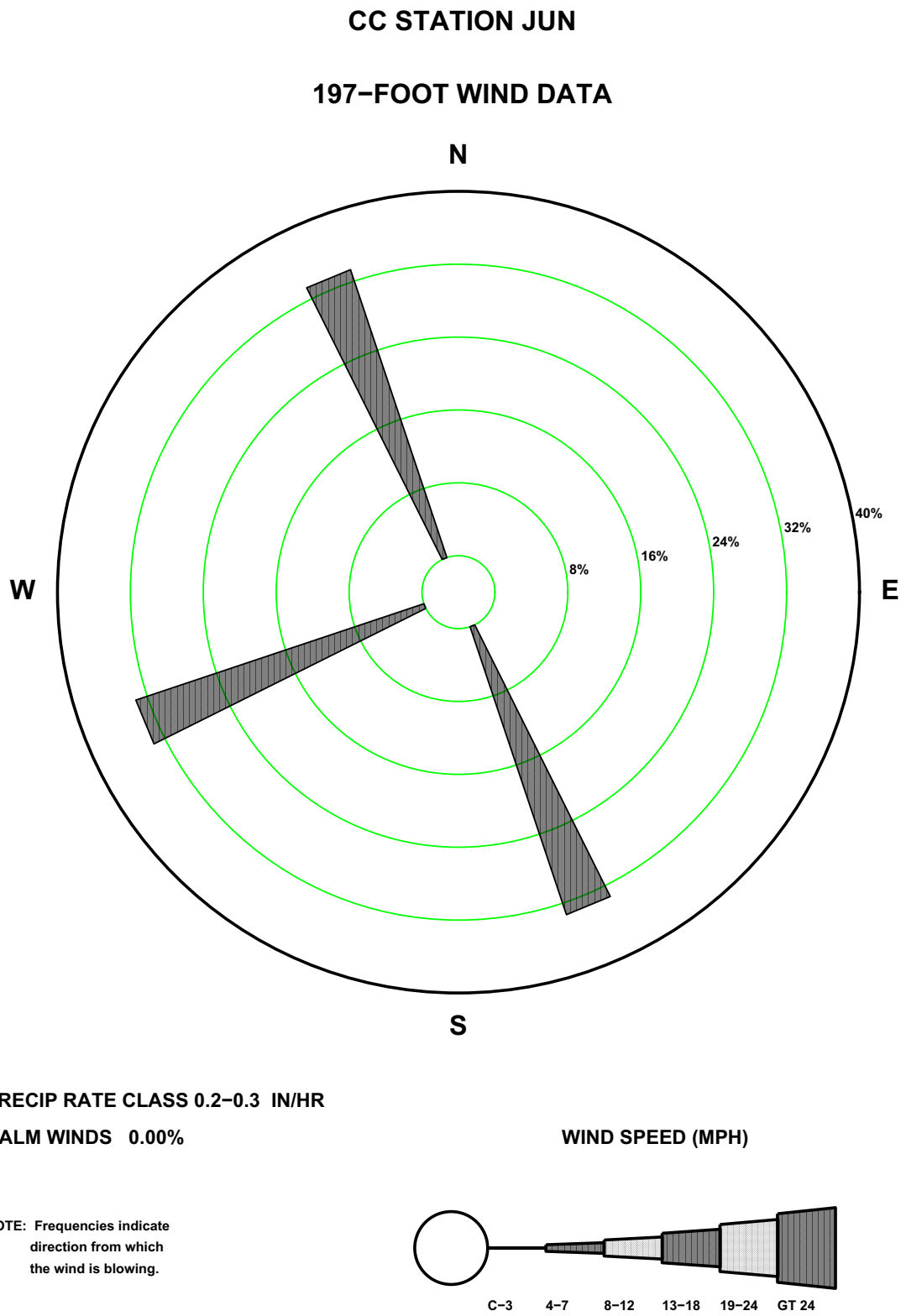

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Figure 2.7-130—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

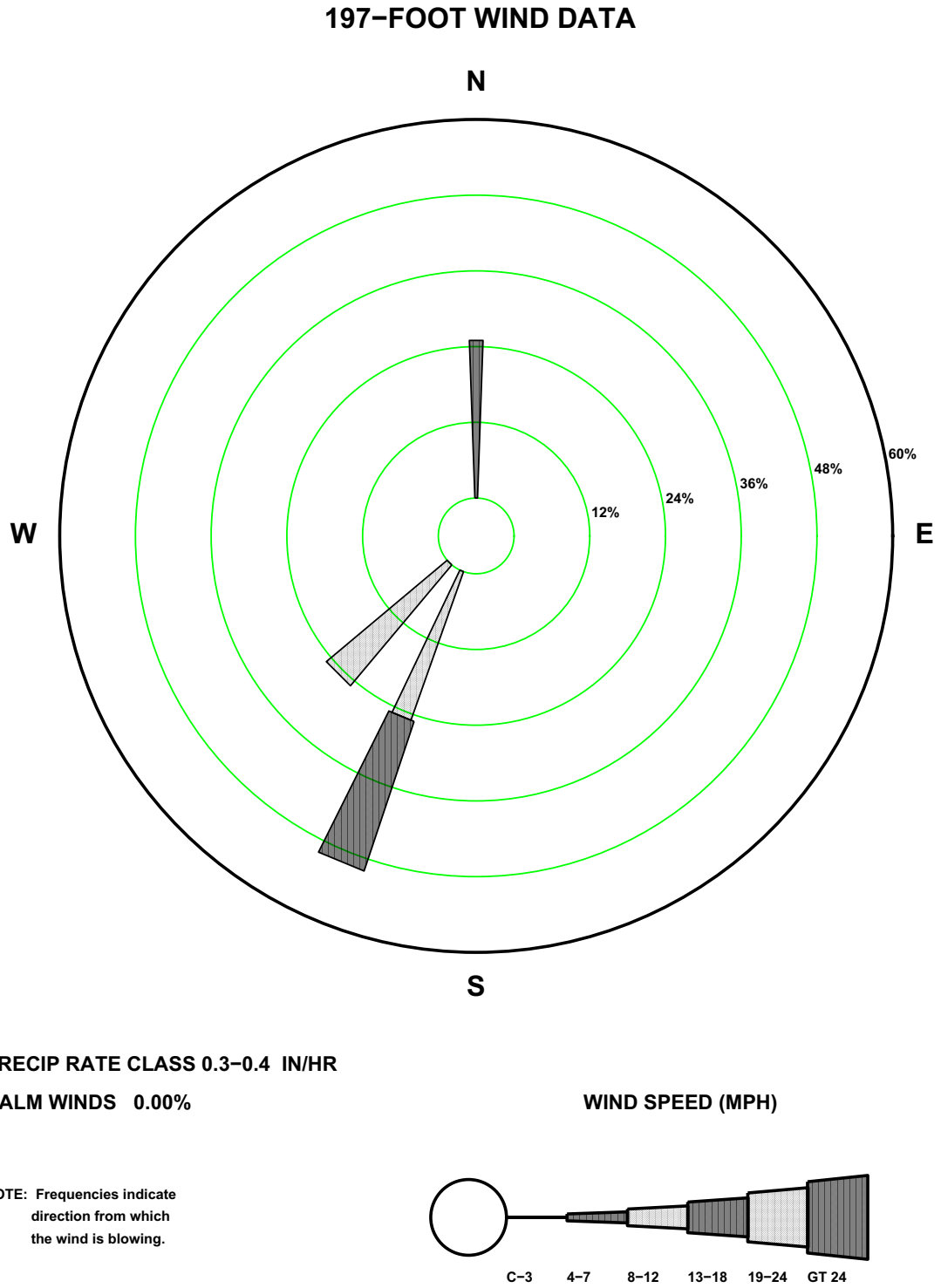

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Figure 2.7-131—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

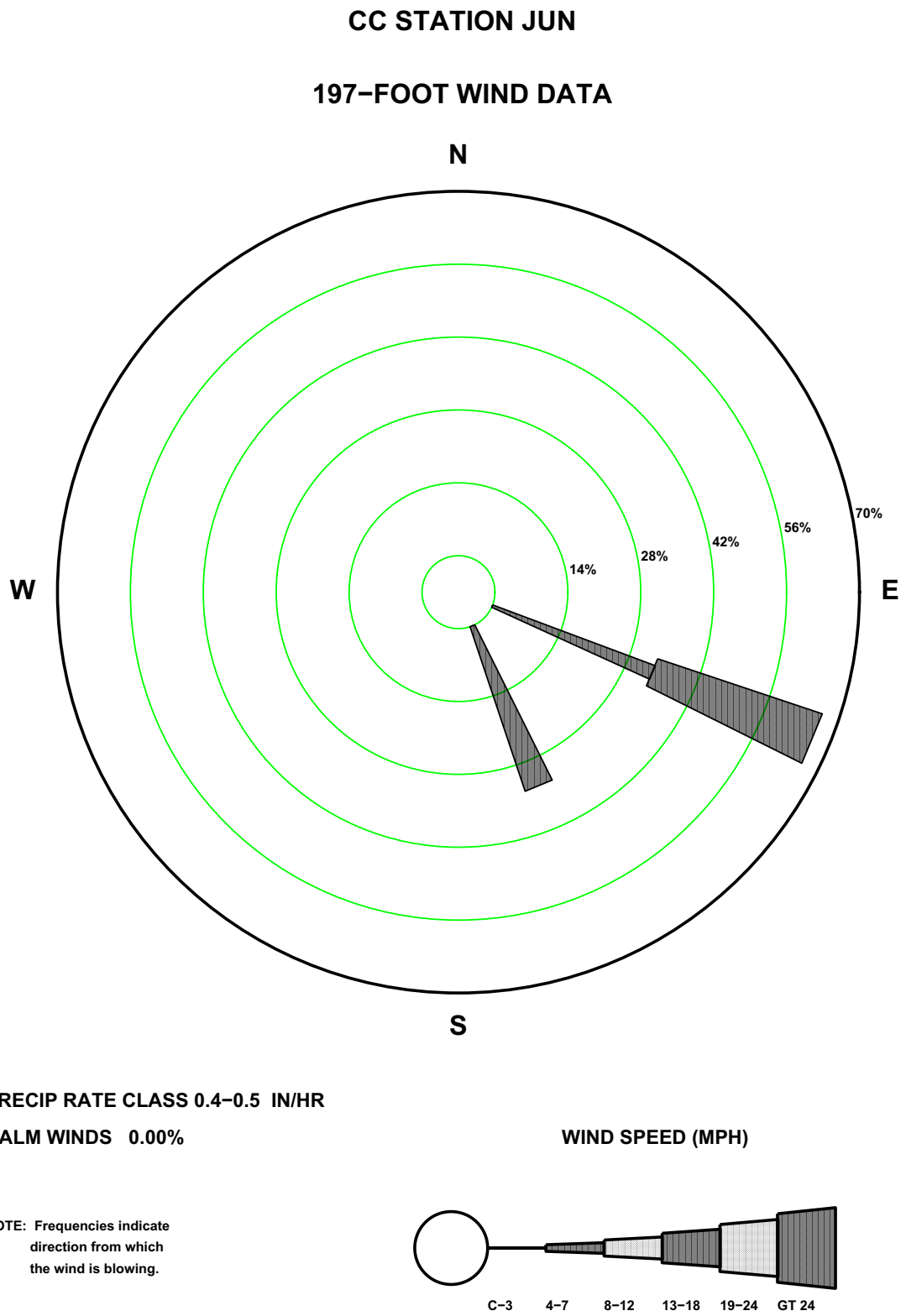

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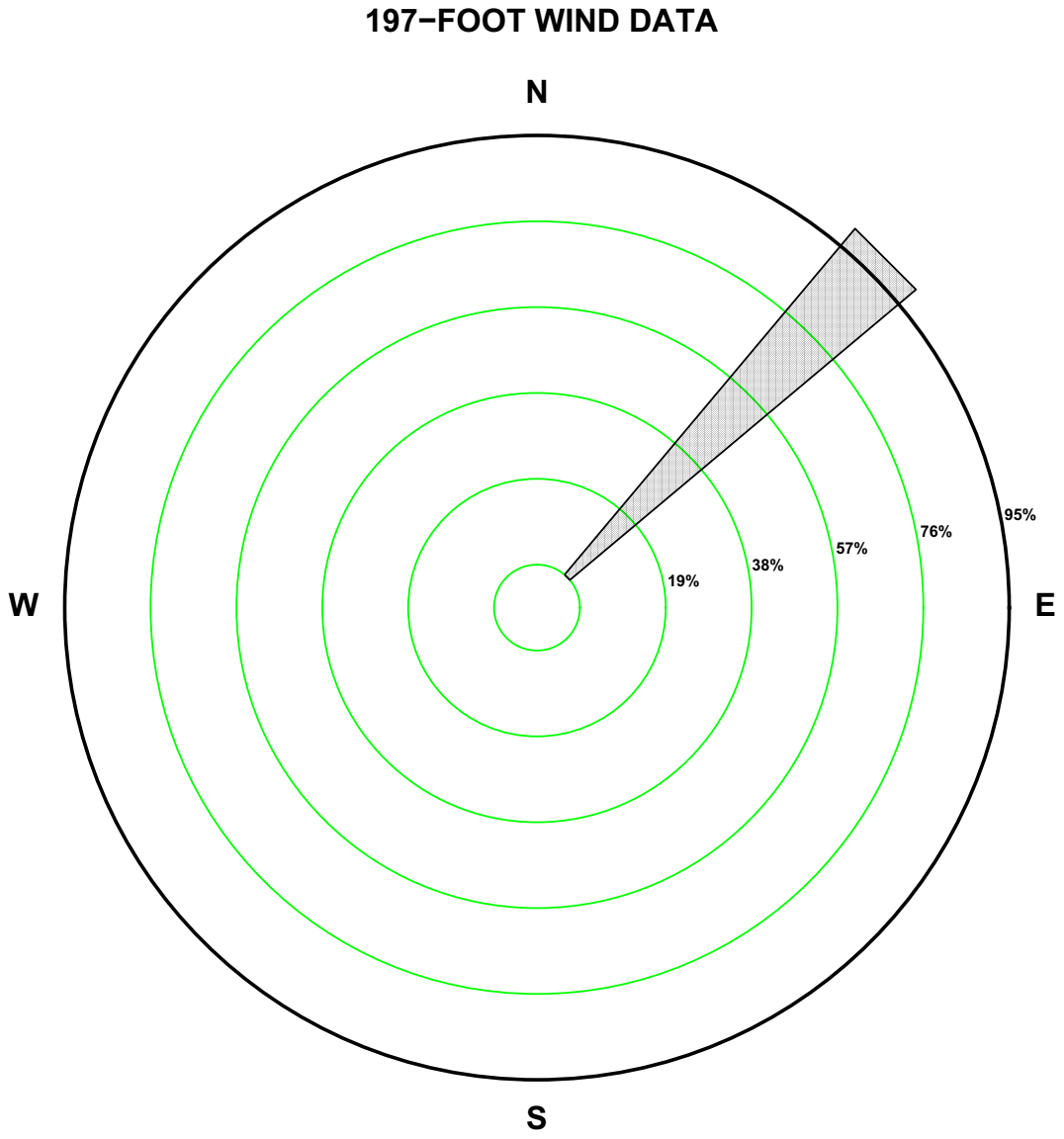
Figure 2.7-132—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}



PRECIP RATE CLASS 0.6−0.7 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

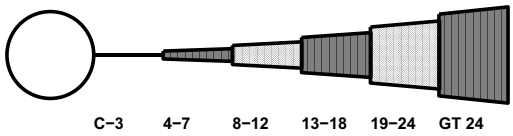


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Figure 2.7-133—{CCNPP 197 ft June Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr}

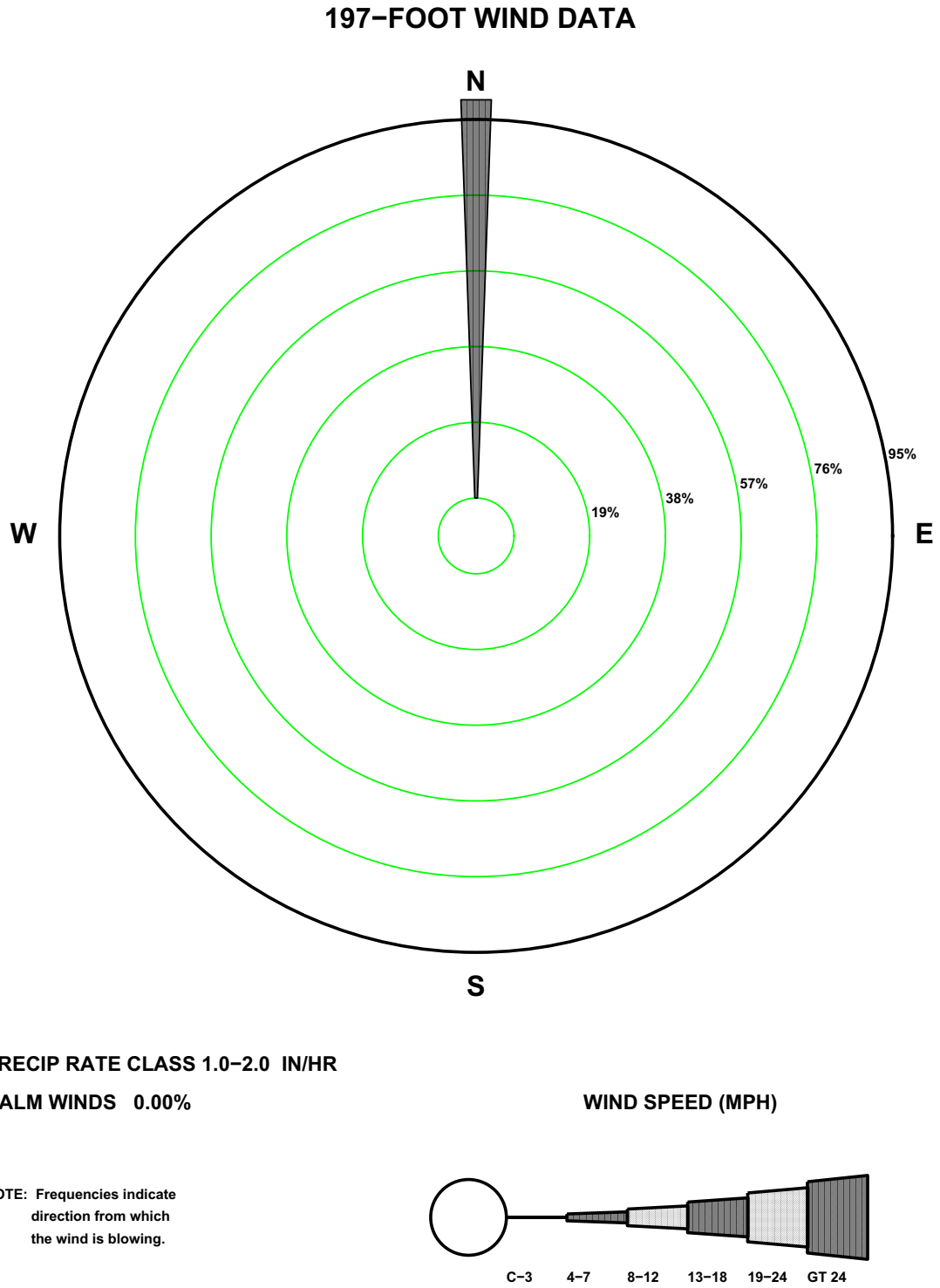

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Figure 2.7-134—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

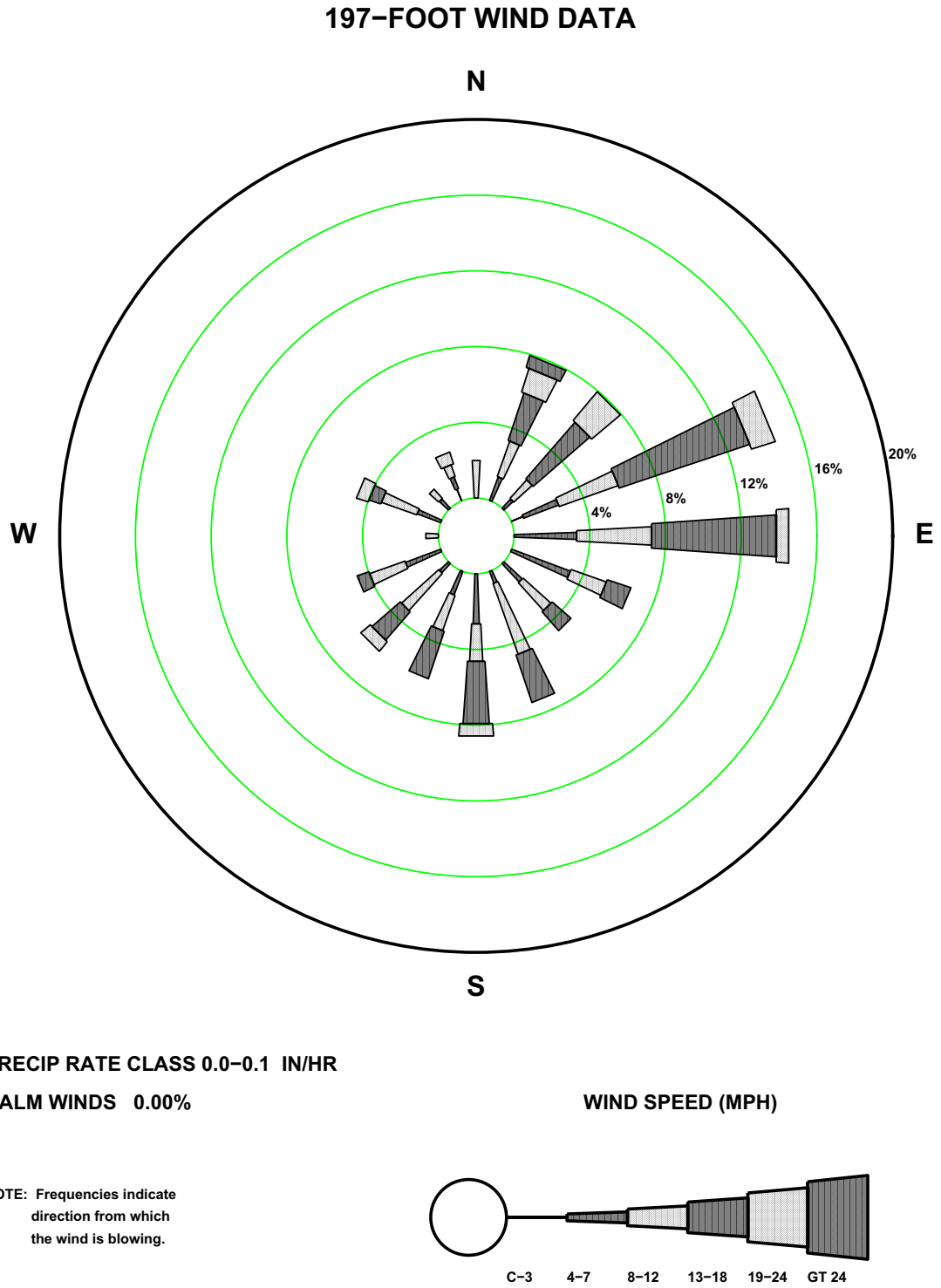

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Figure 2.7-135—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

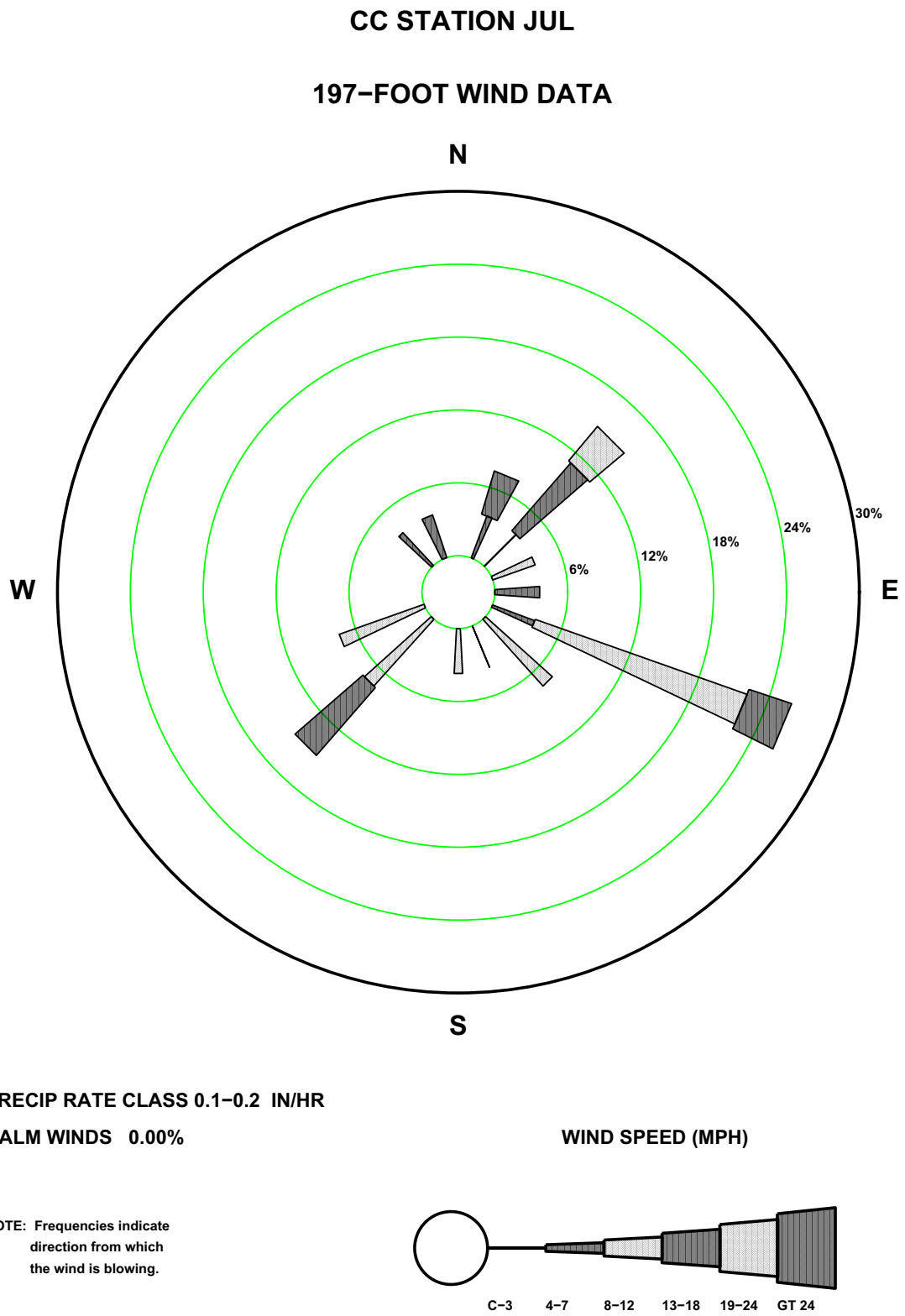

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Figure 2.7-136—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

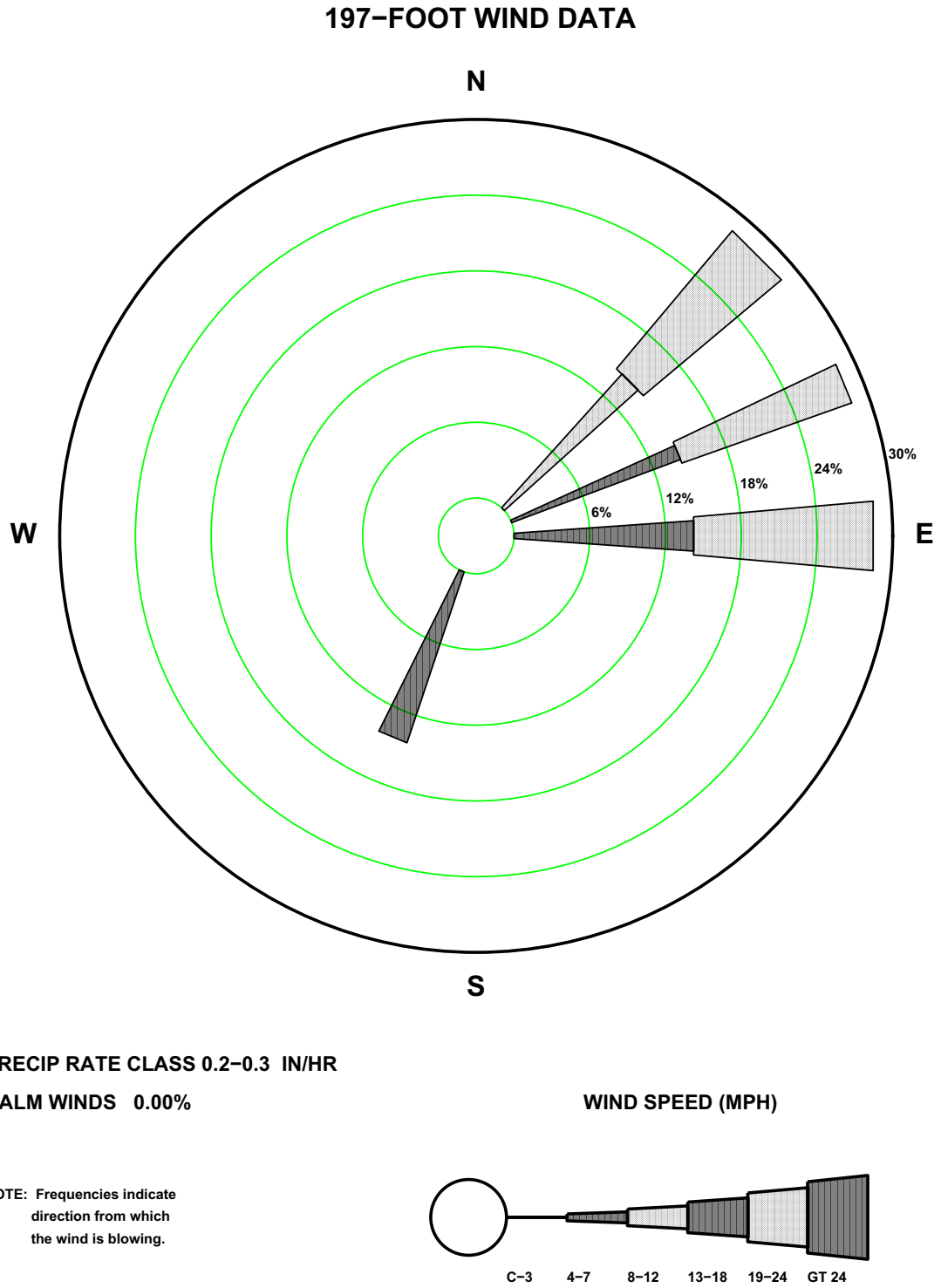

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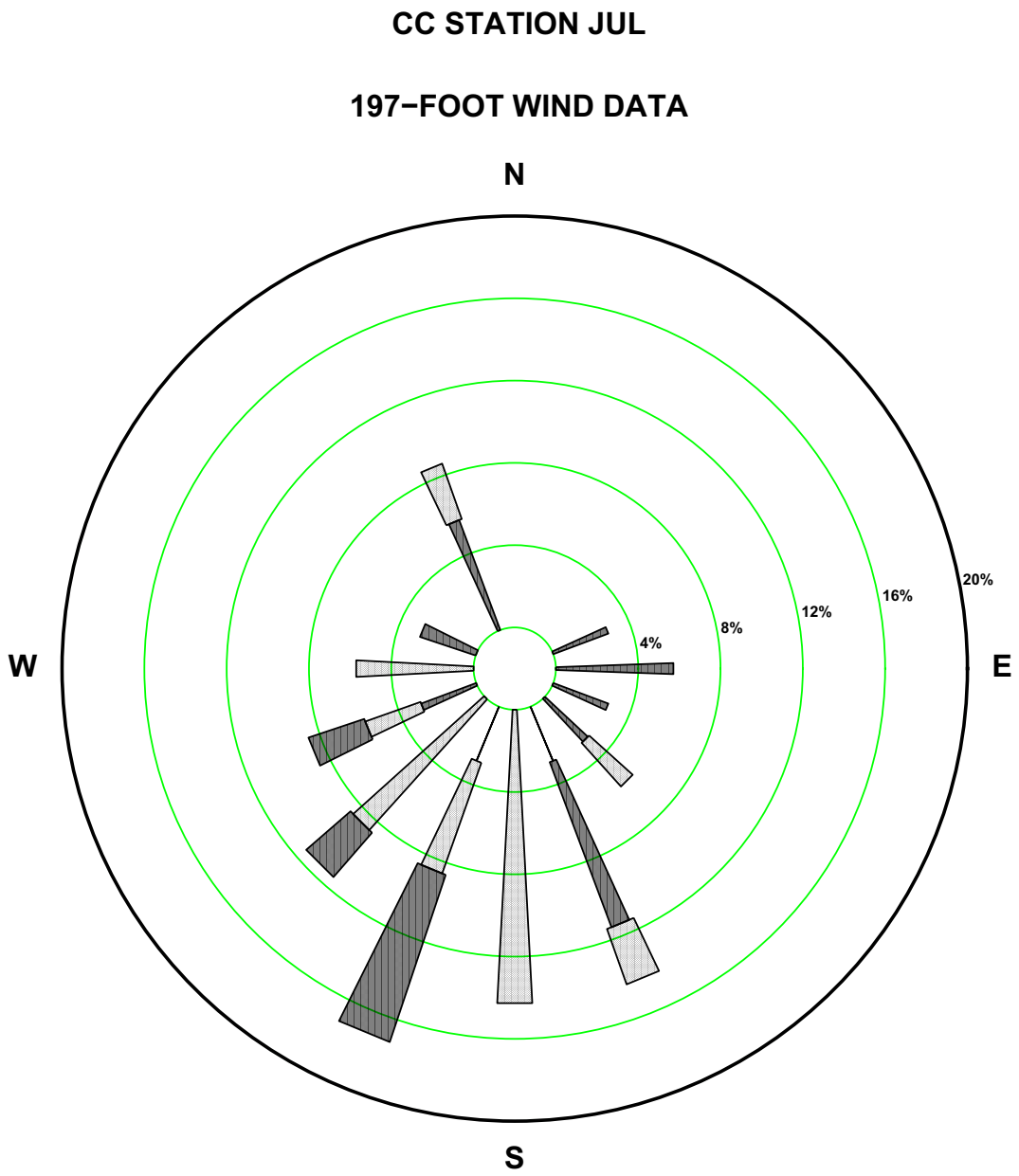
Figure 2.7-137—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



PRECIP RATE CLASS 0.3−0.4 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

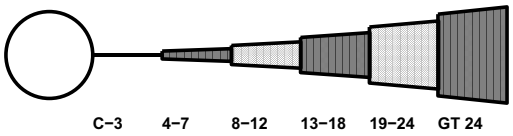


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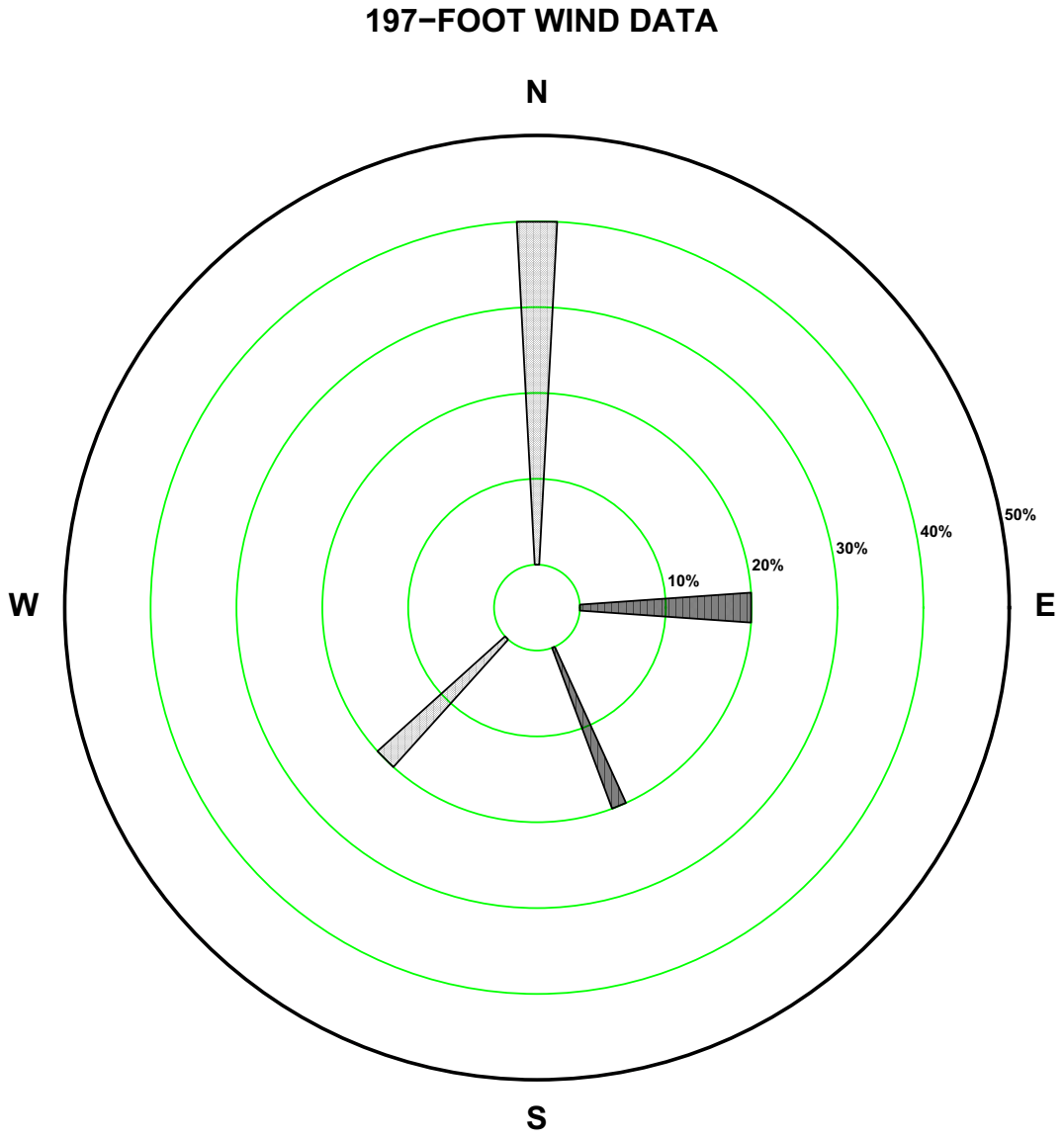
Figure 2.7-138—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}



PRECIP RATE CLASS 0.4−0.5 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

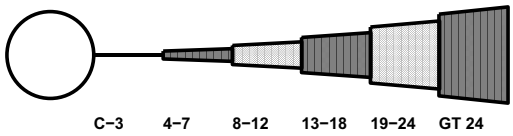


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Figure 2.7-139—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}

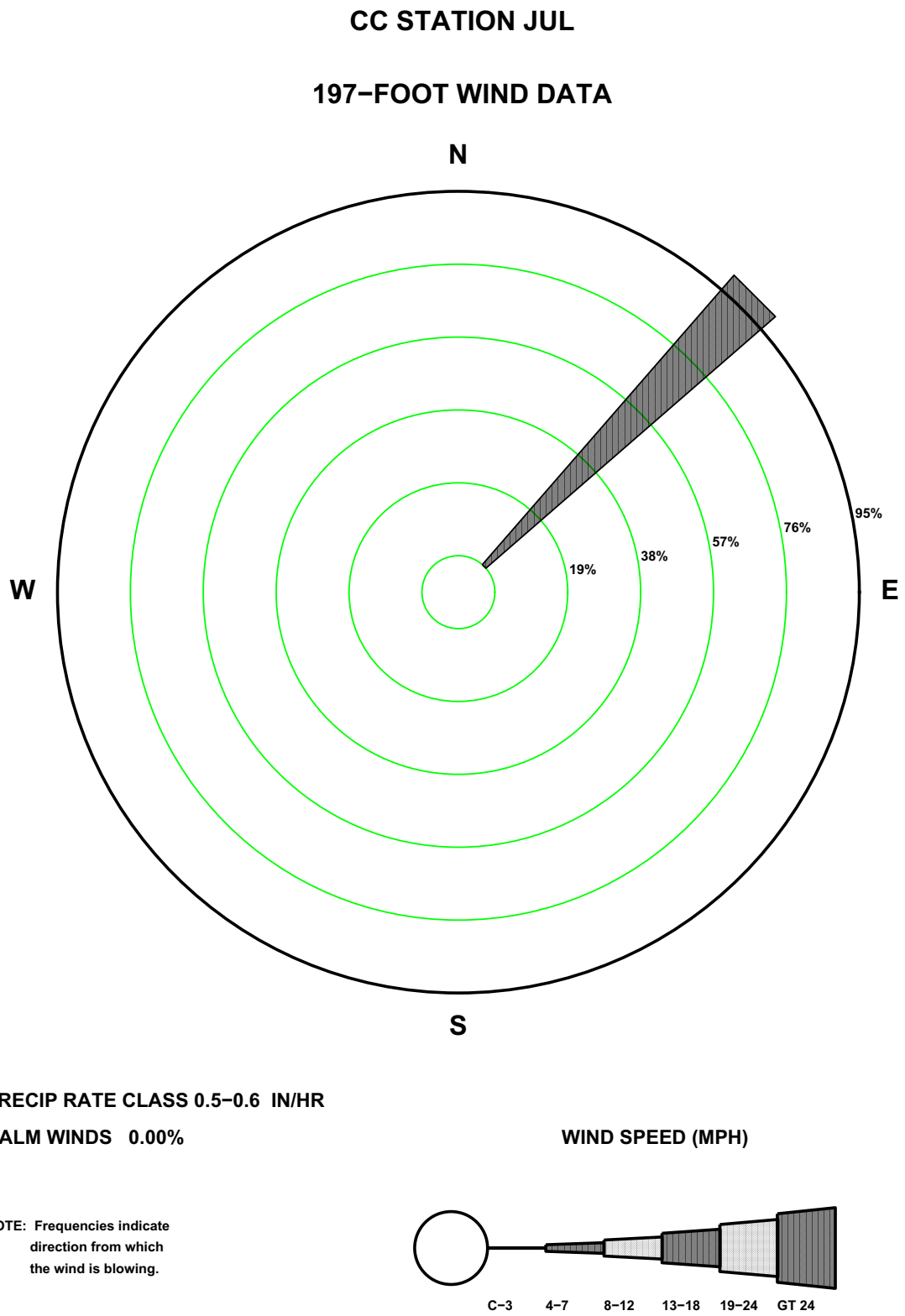

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Figure 2.7-140—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}

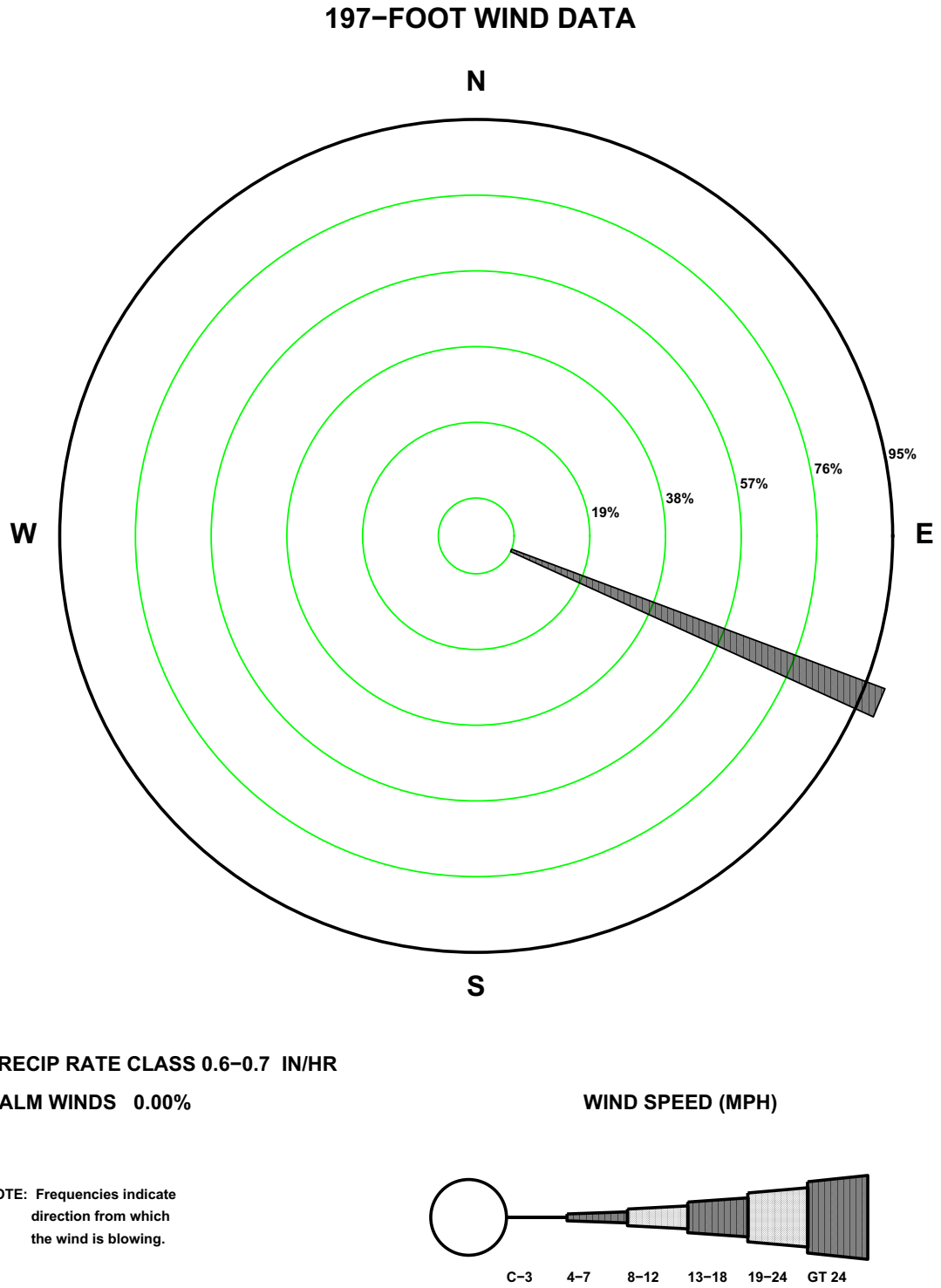

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Figure 2.7-141—{CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.8-0.9 in/hr}

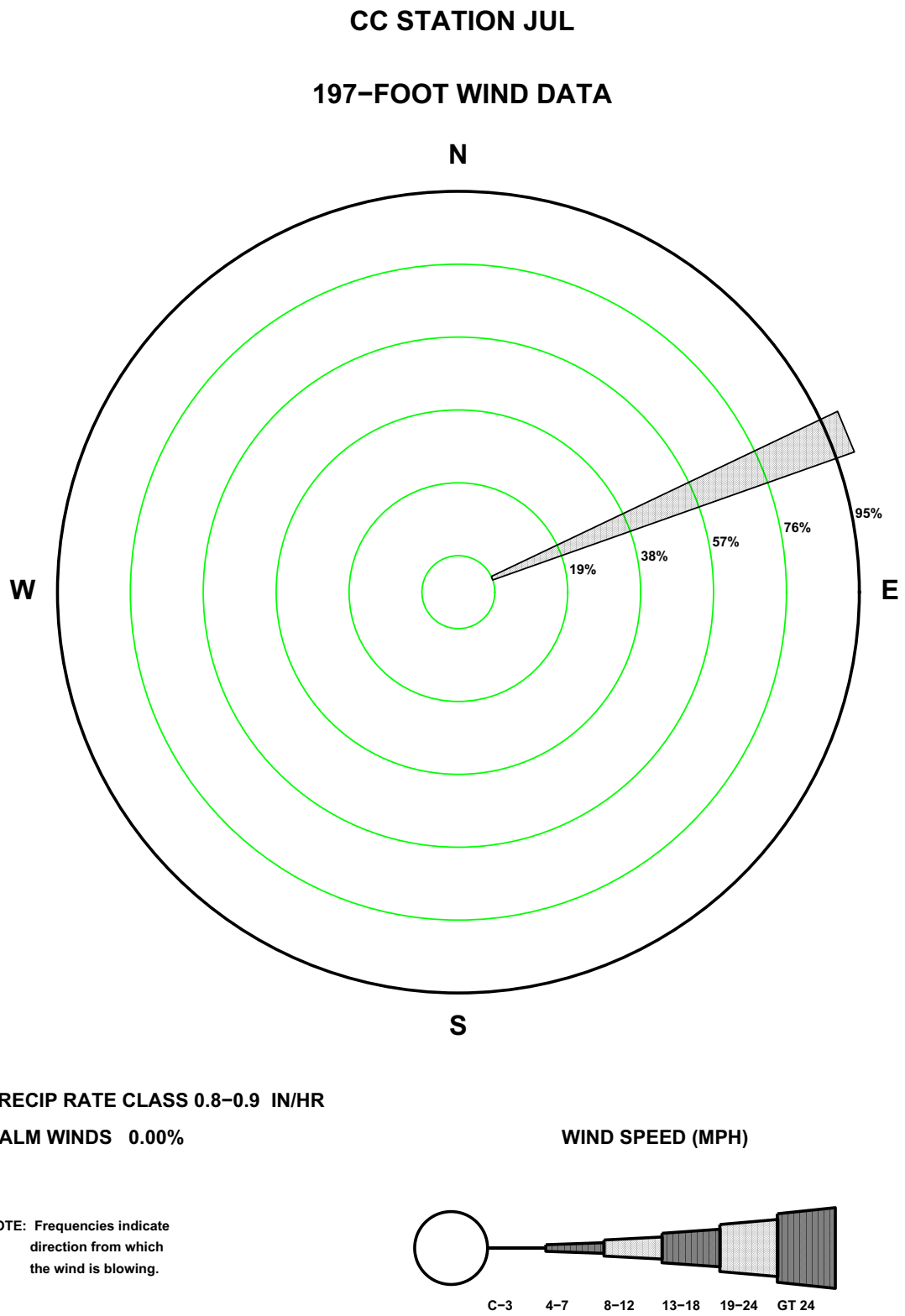

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Figure 2.7-142—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

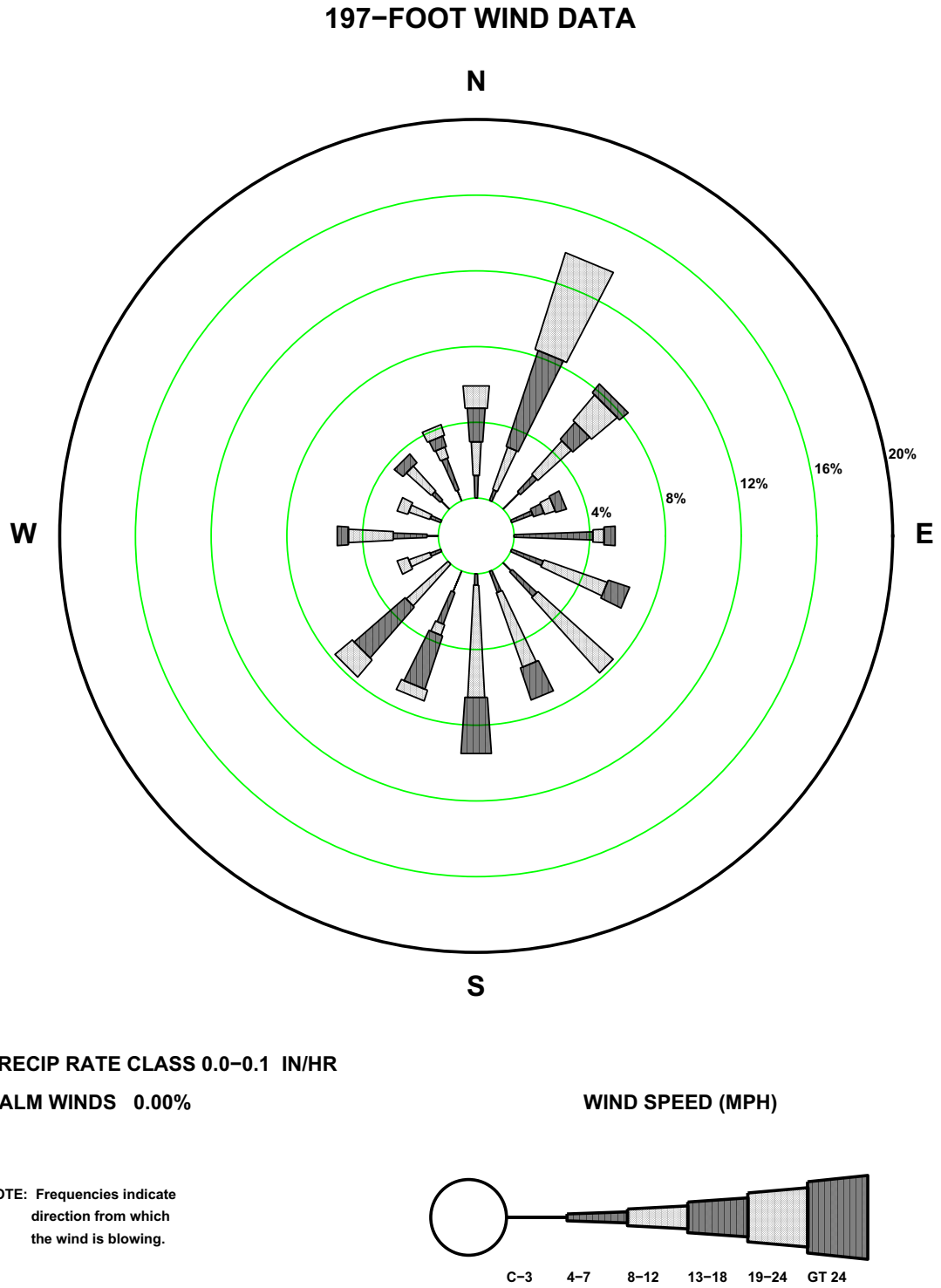

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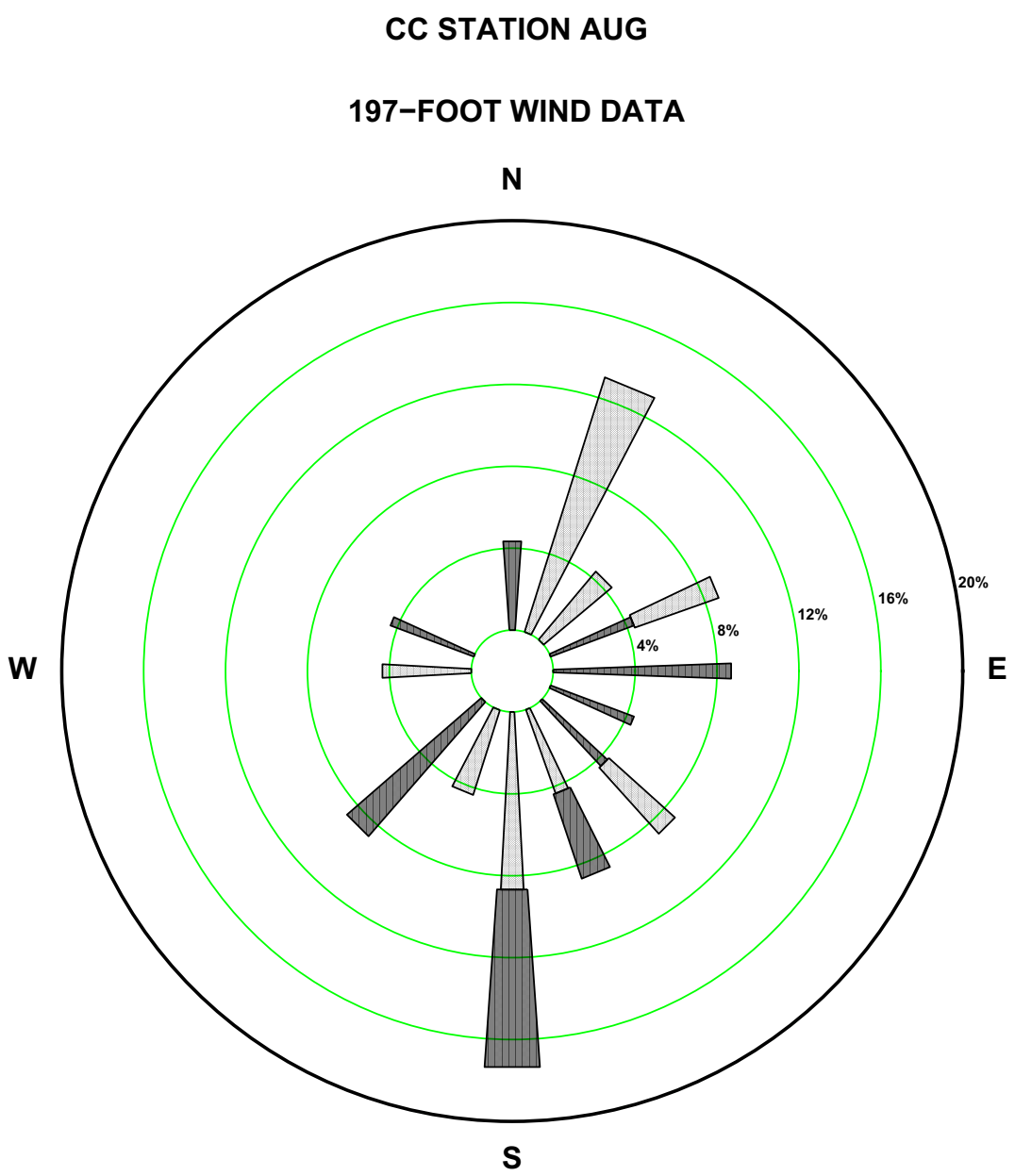
Figure 2.7-143—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



PRECIP RATE CLASS 0.1−0.2 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

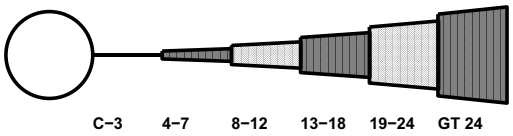


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Figure 2.7-144—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

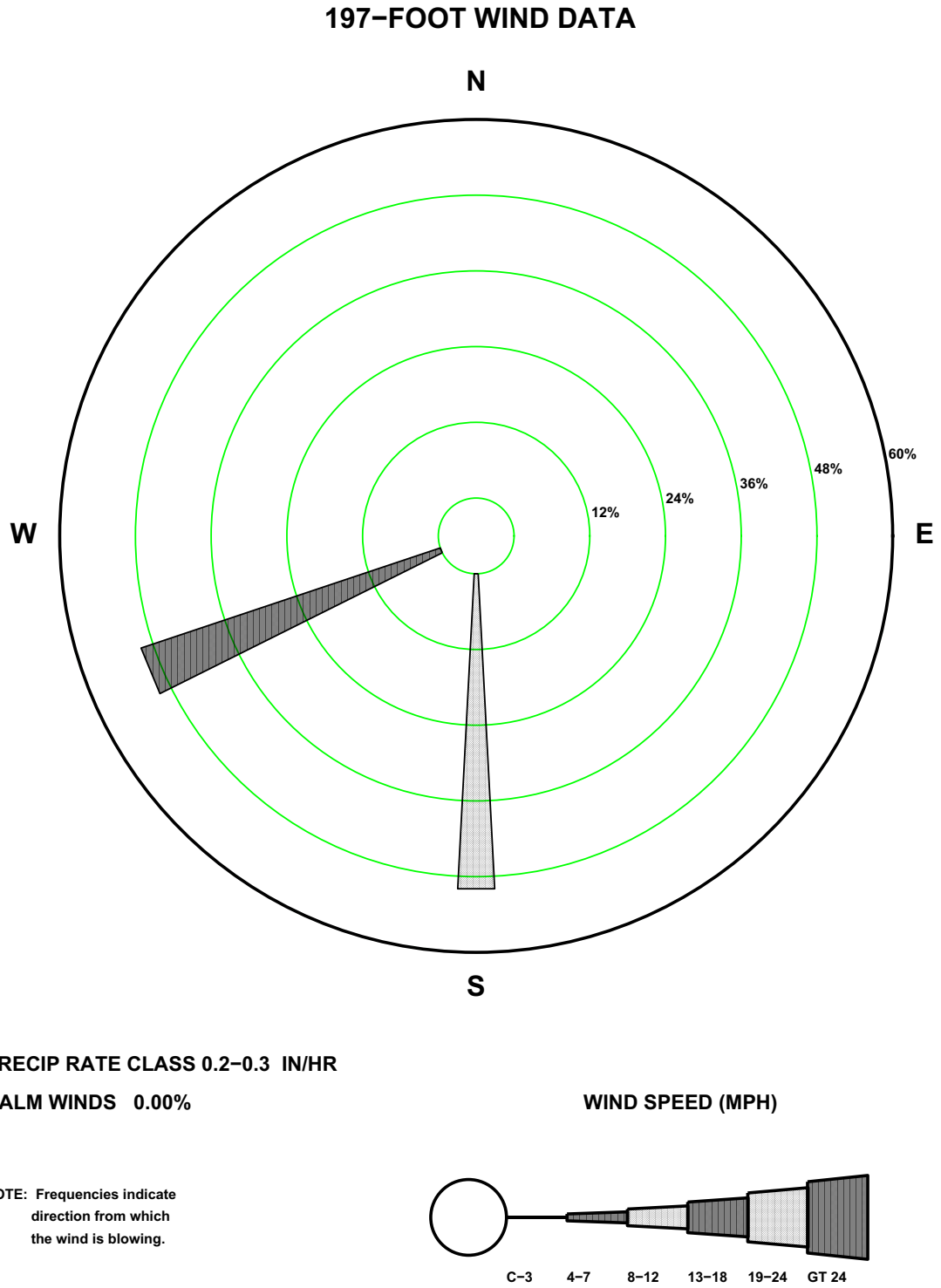

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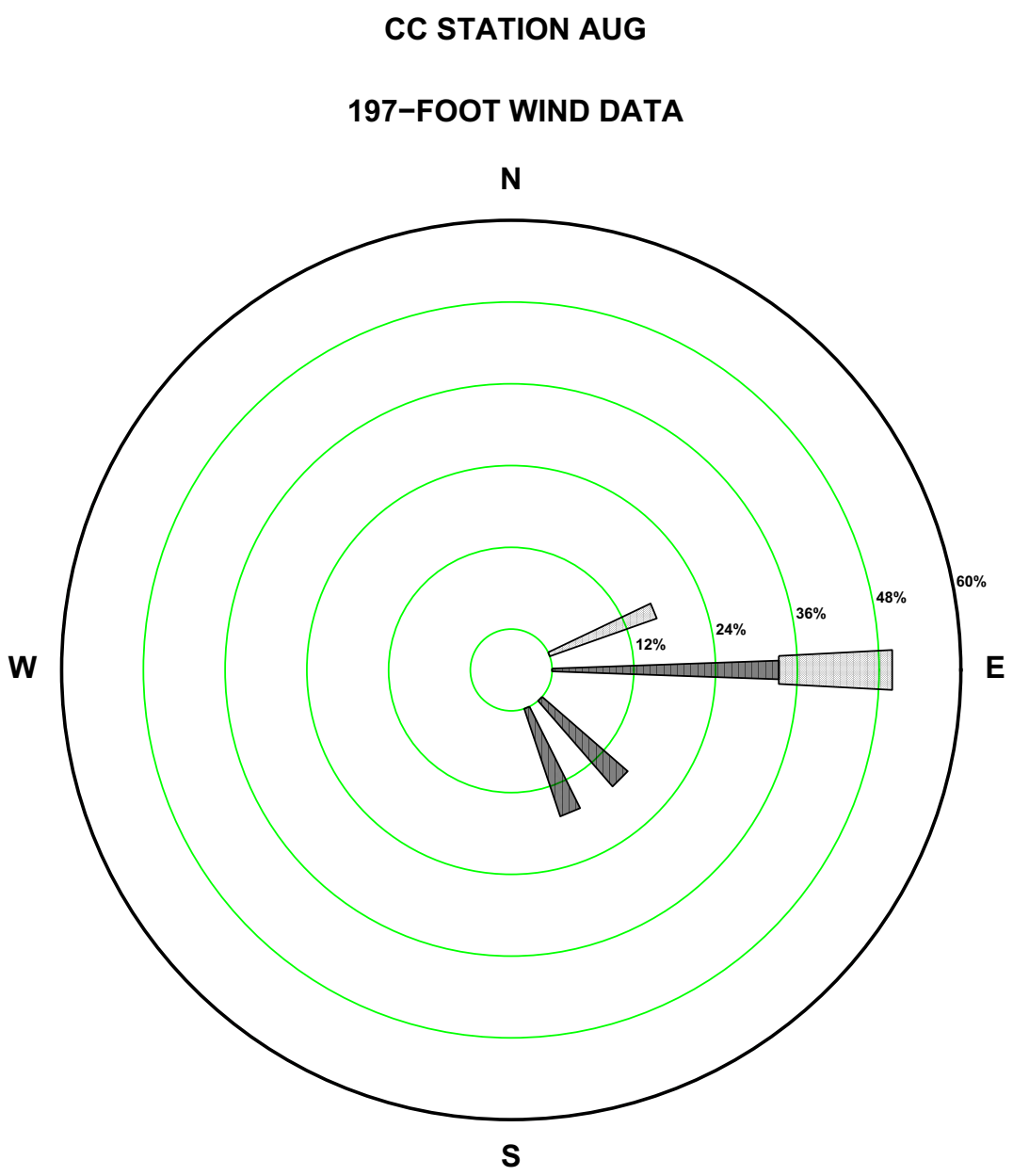
Figure 2.7-145—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



PRECIP RATE CLASS 0.3−0.4 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

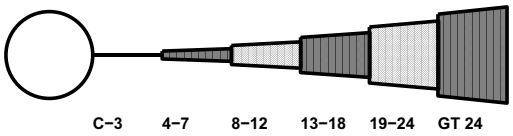


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Figure 2.7-146—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

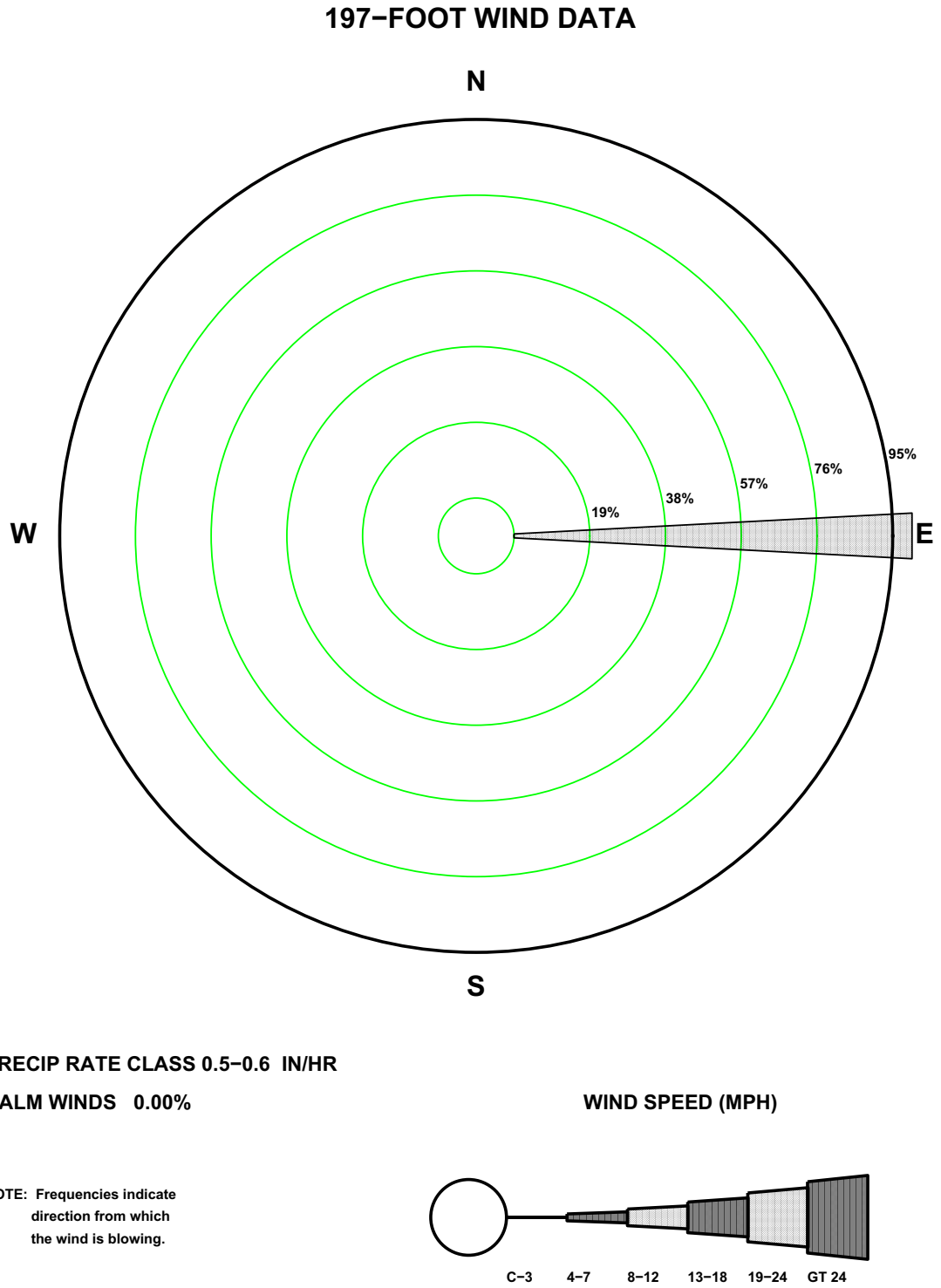

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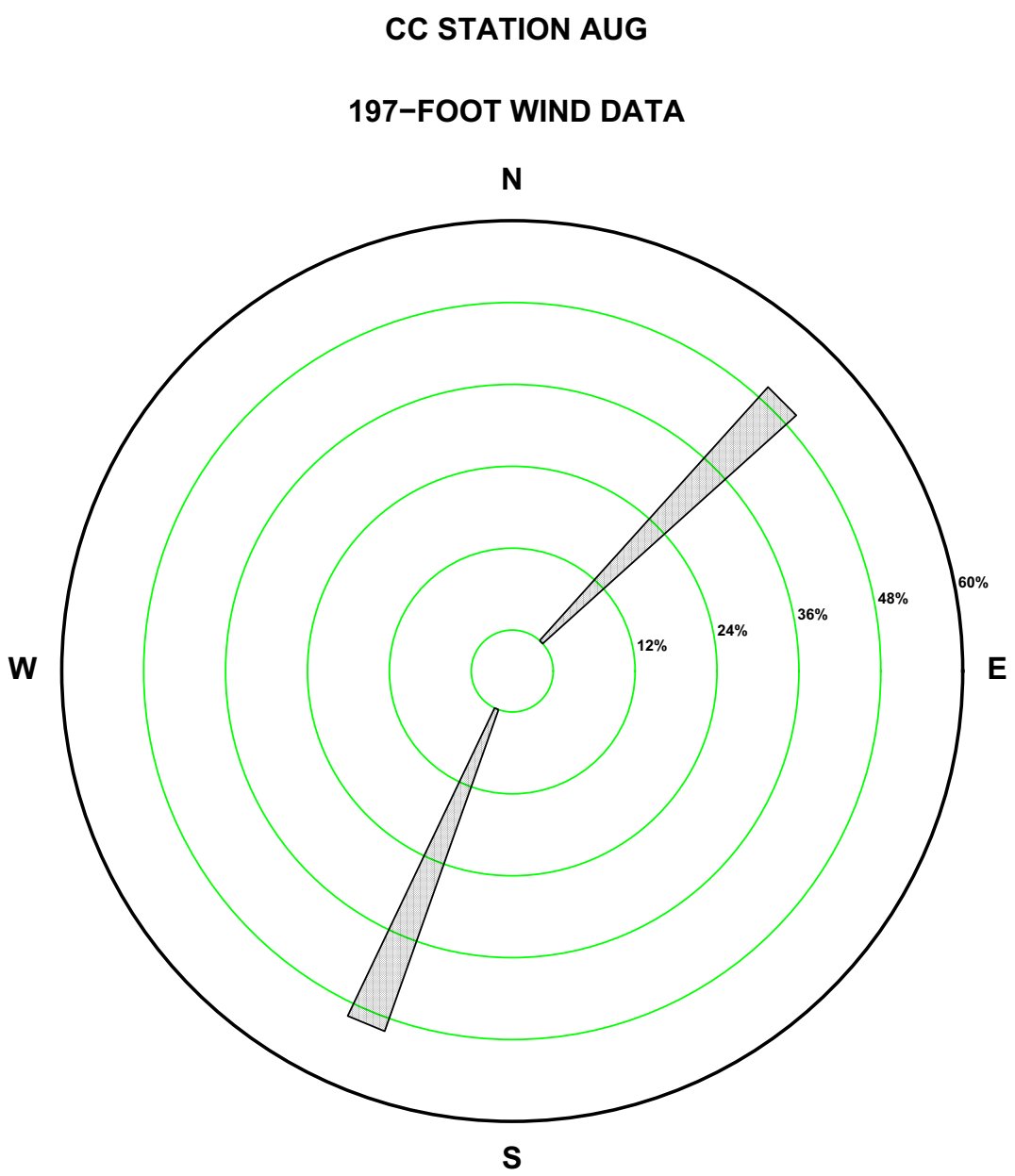
Figure 2.7-147—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}



PRECIP RATE CLASS 0.6−0.7 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

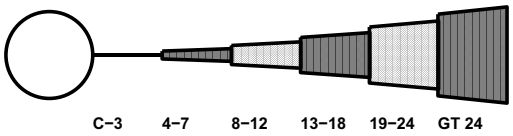


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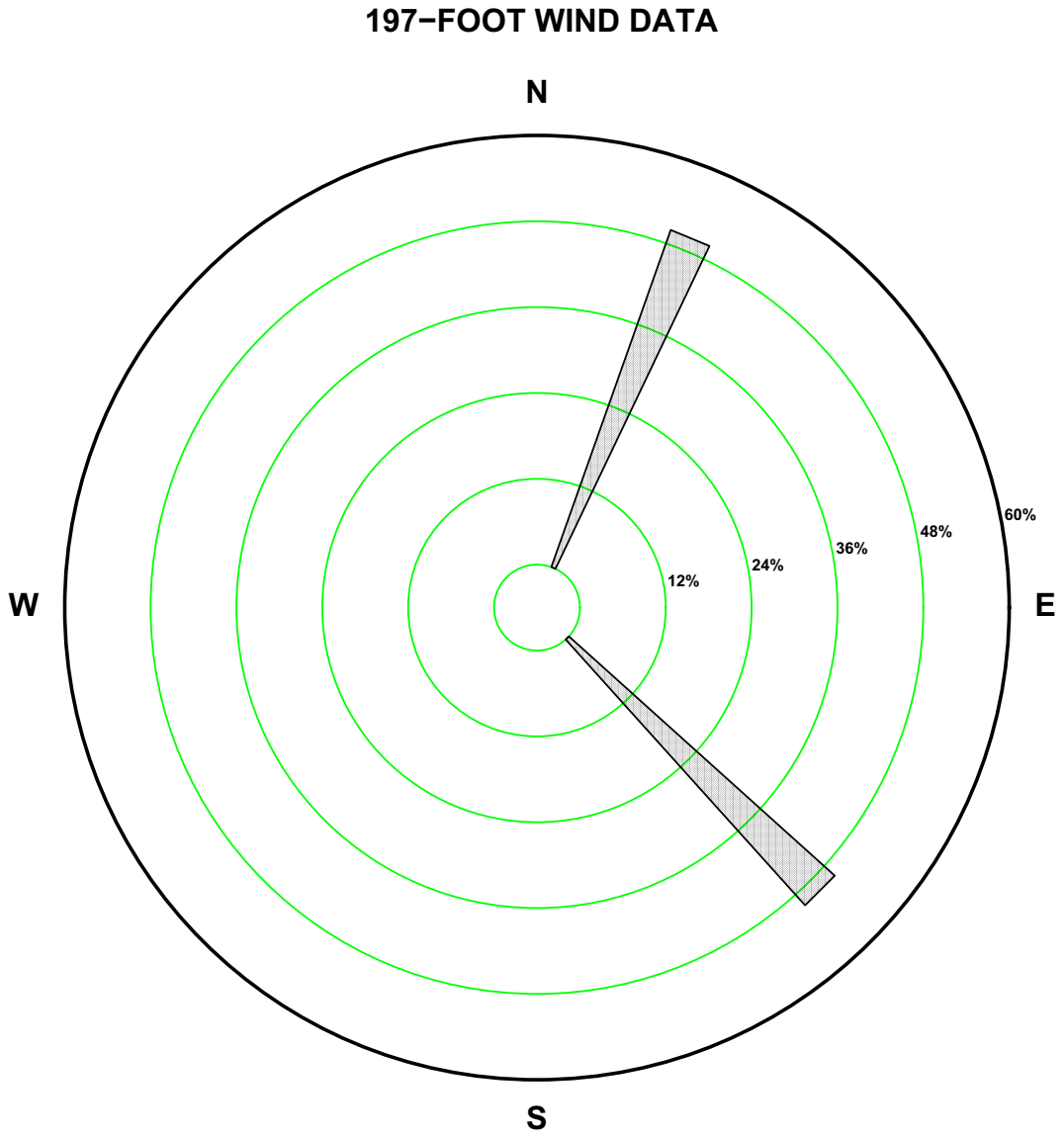
Figure 2.7-148—{CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr}



PRECIP RATE CLASS 0.7−0.8 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

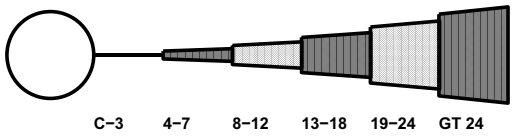


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Figure 2.7-149—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

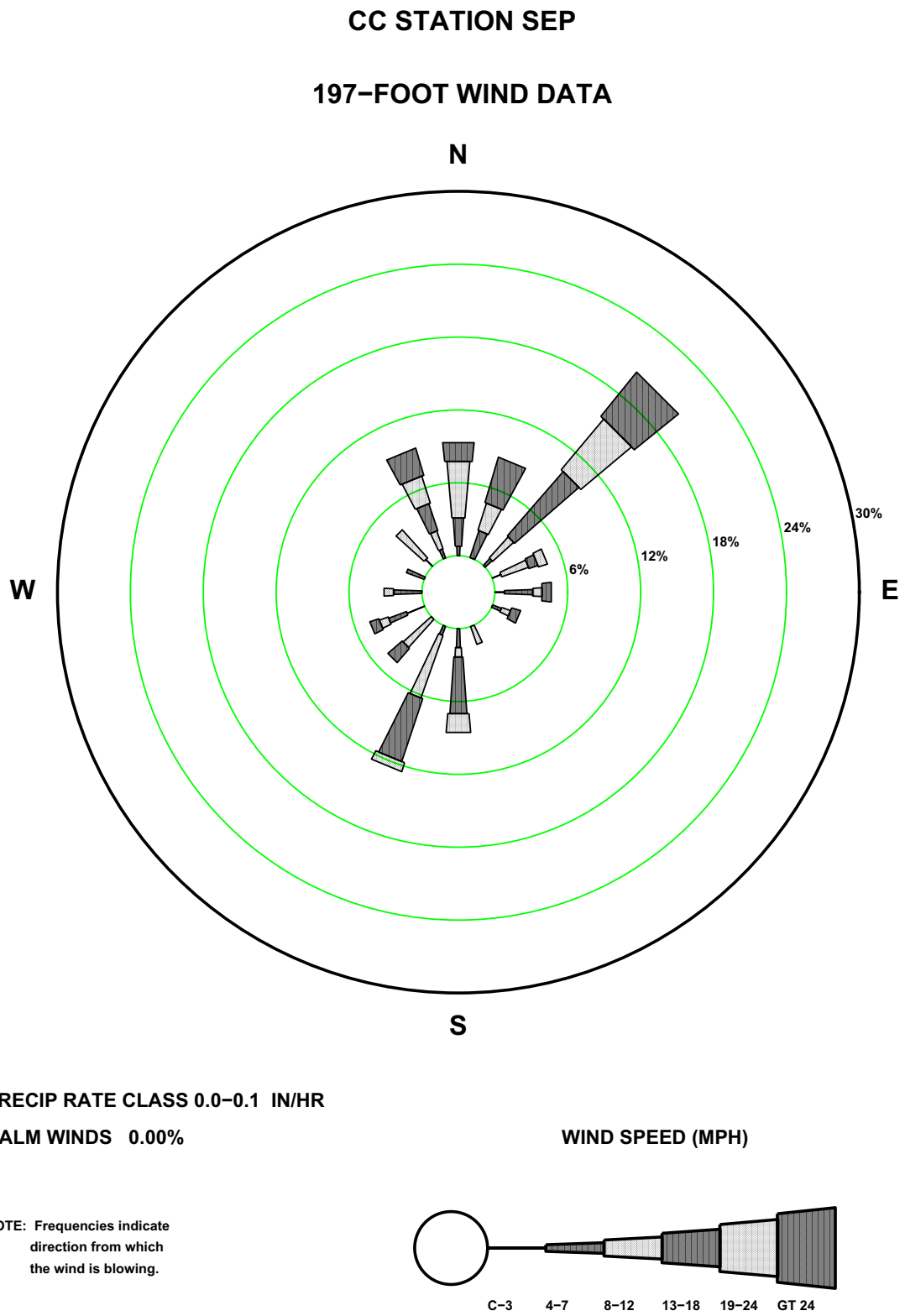

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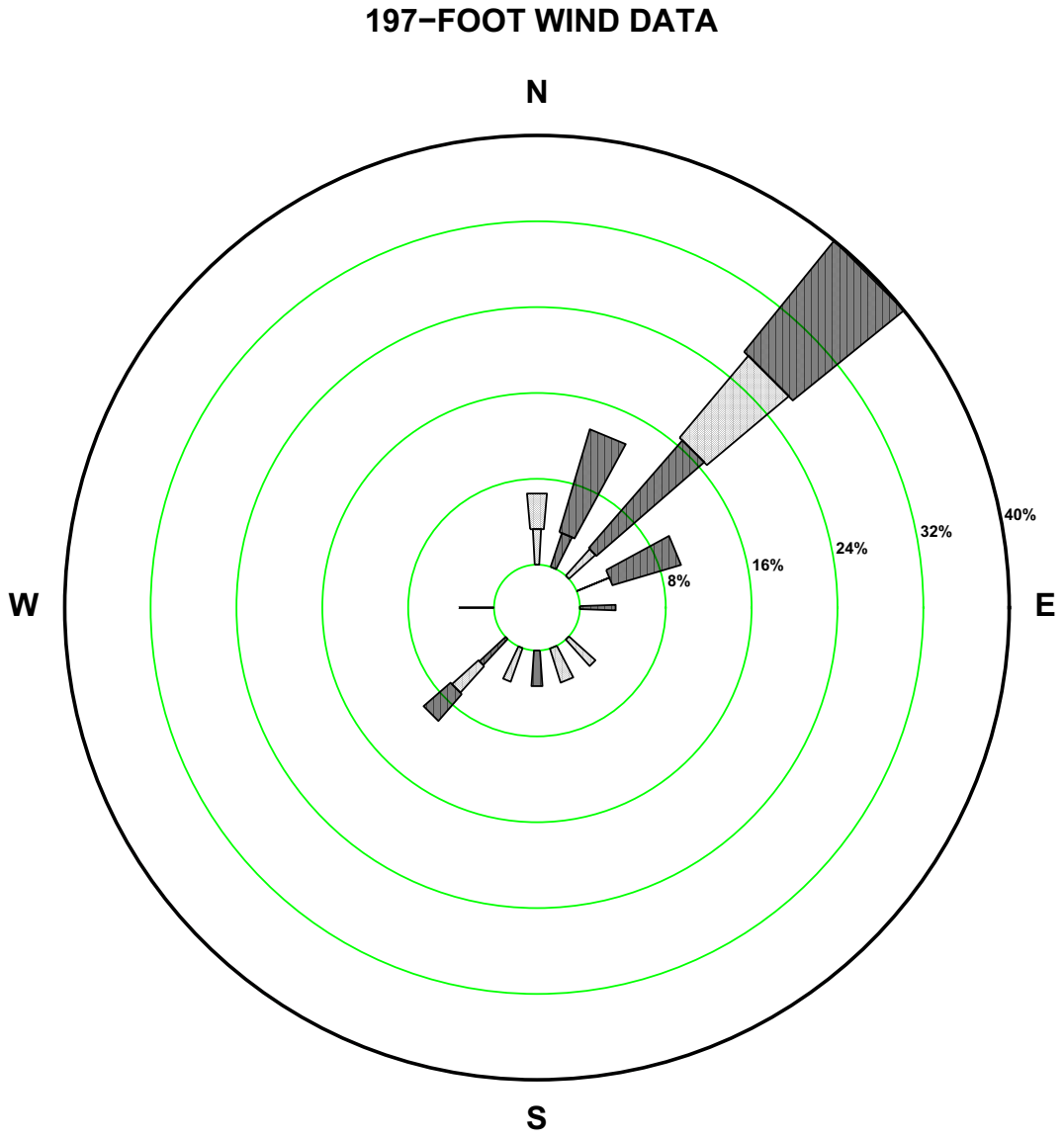
Figure 2.7-150—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



PRECIP RATE CLASS 0.1−0.2 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

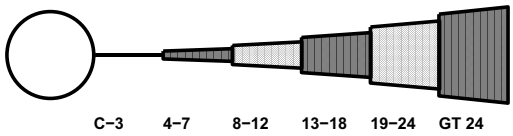


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Figure 2.7-151—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

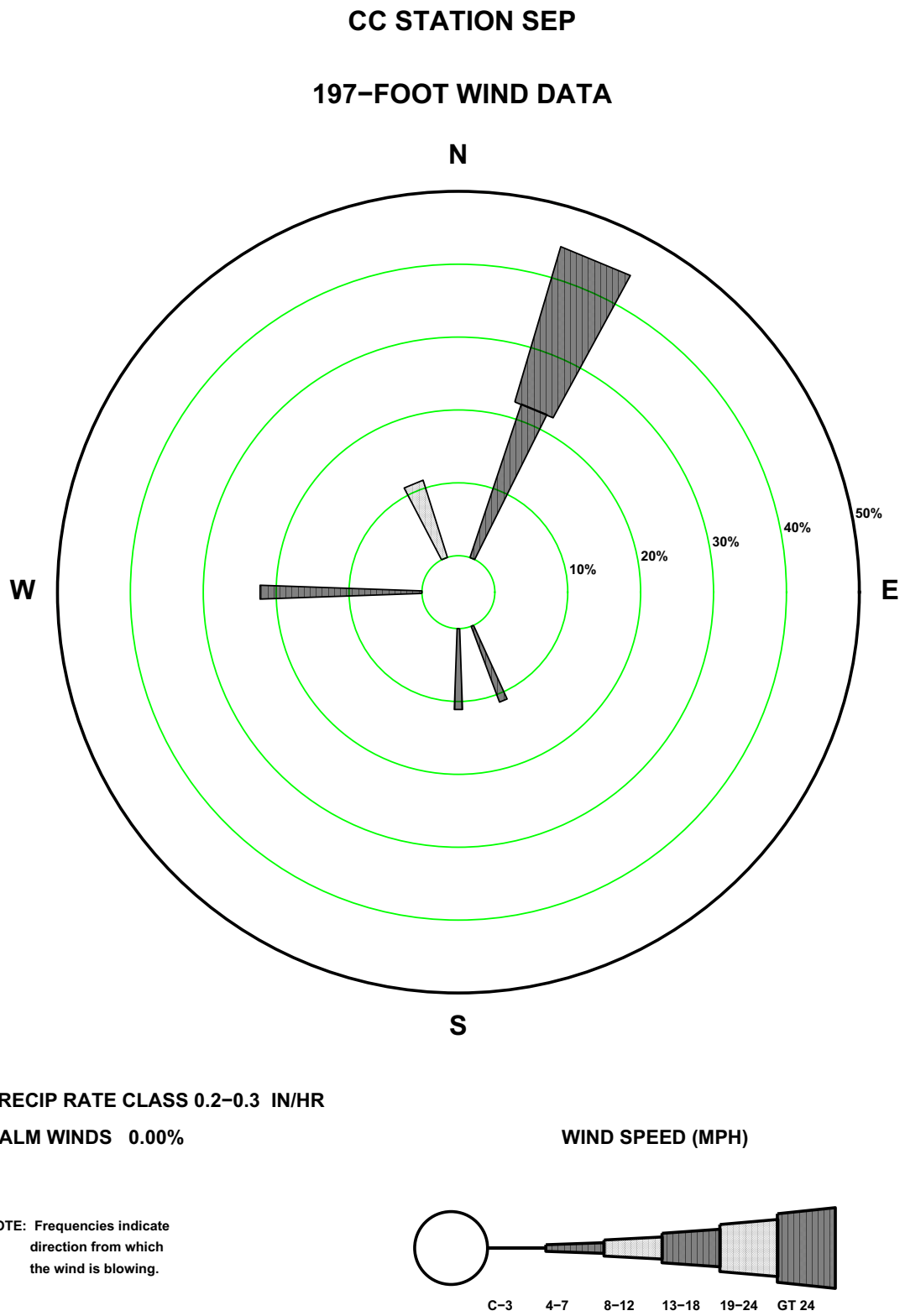

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Figure 2.7-152—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

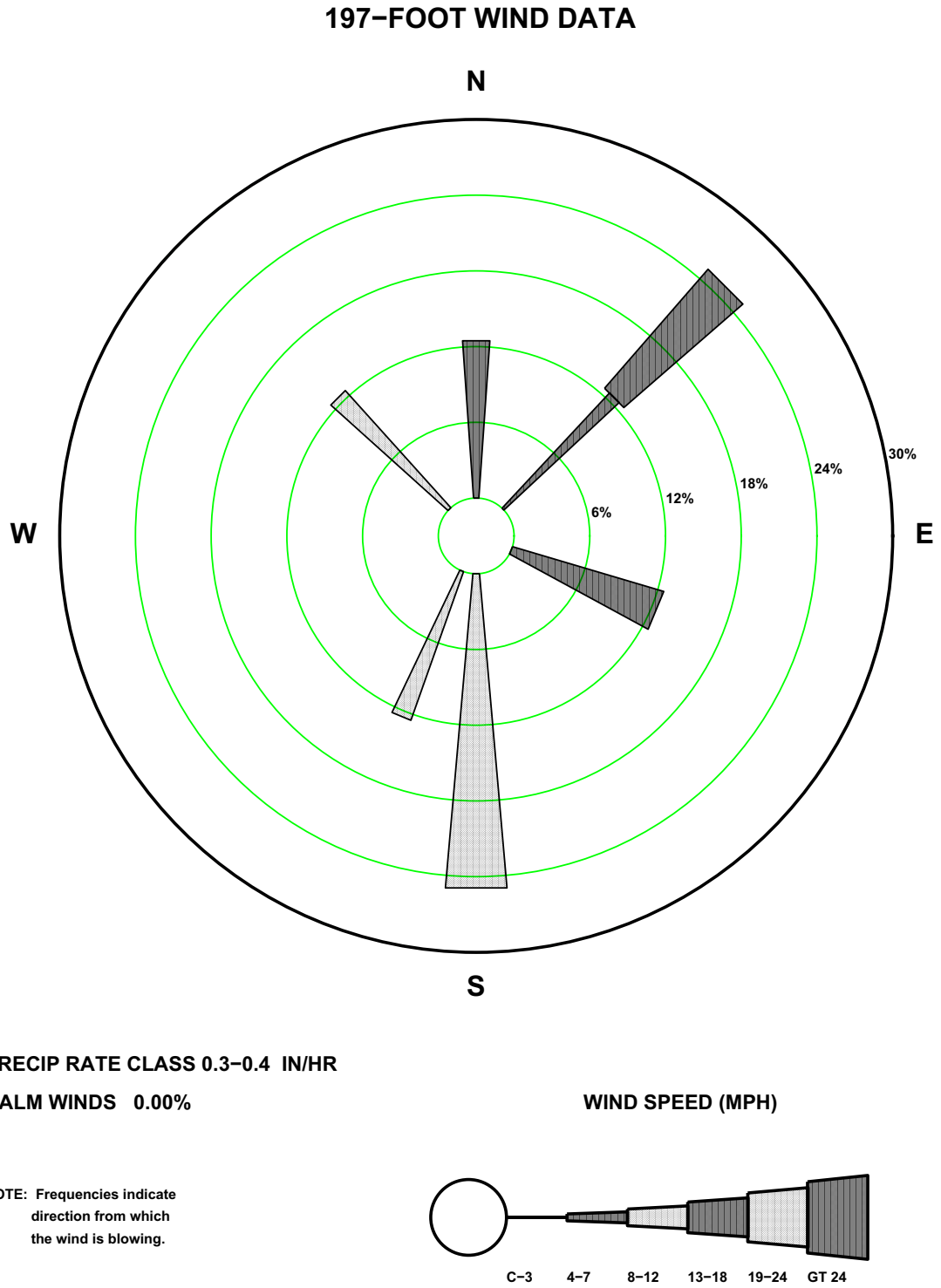

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Figure 2.7-153—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

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Figure 2.7-154—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}

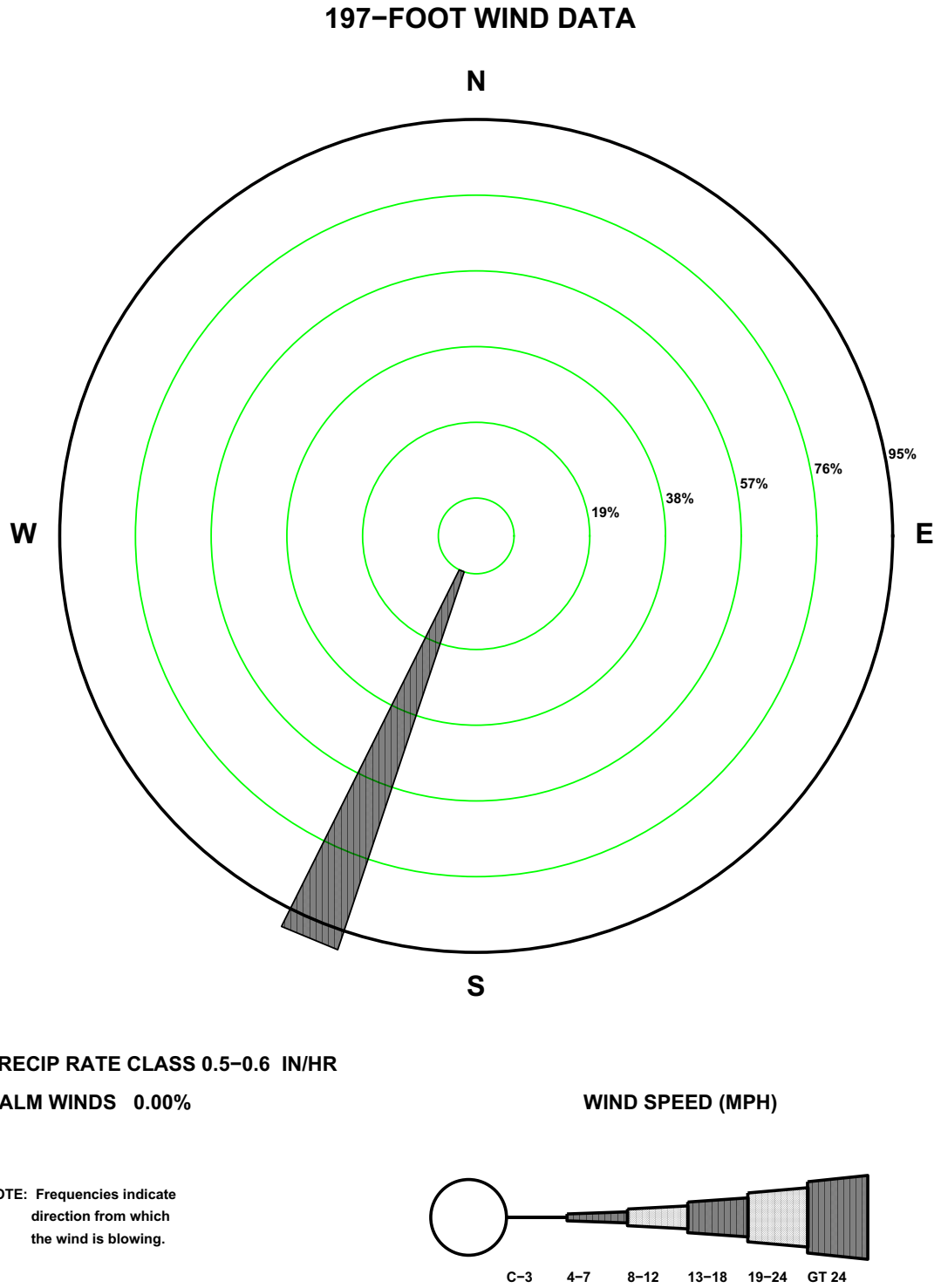

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Figure 2.7-155—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}

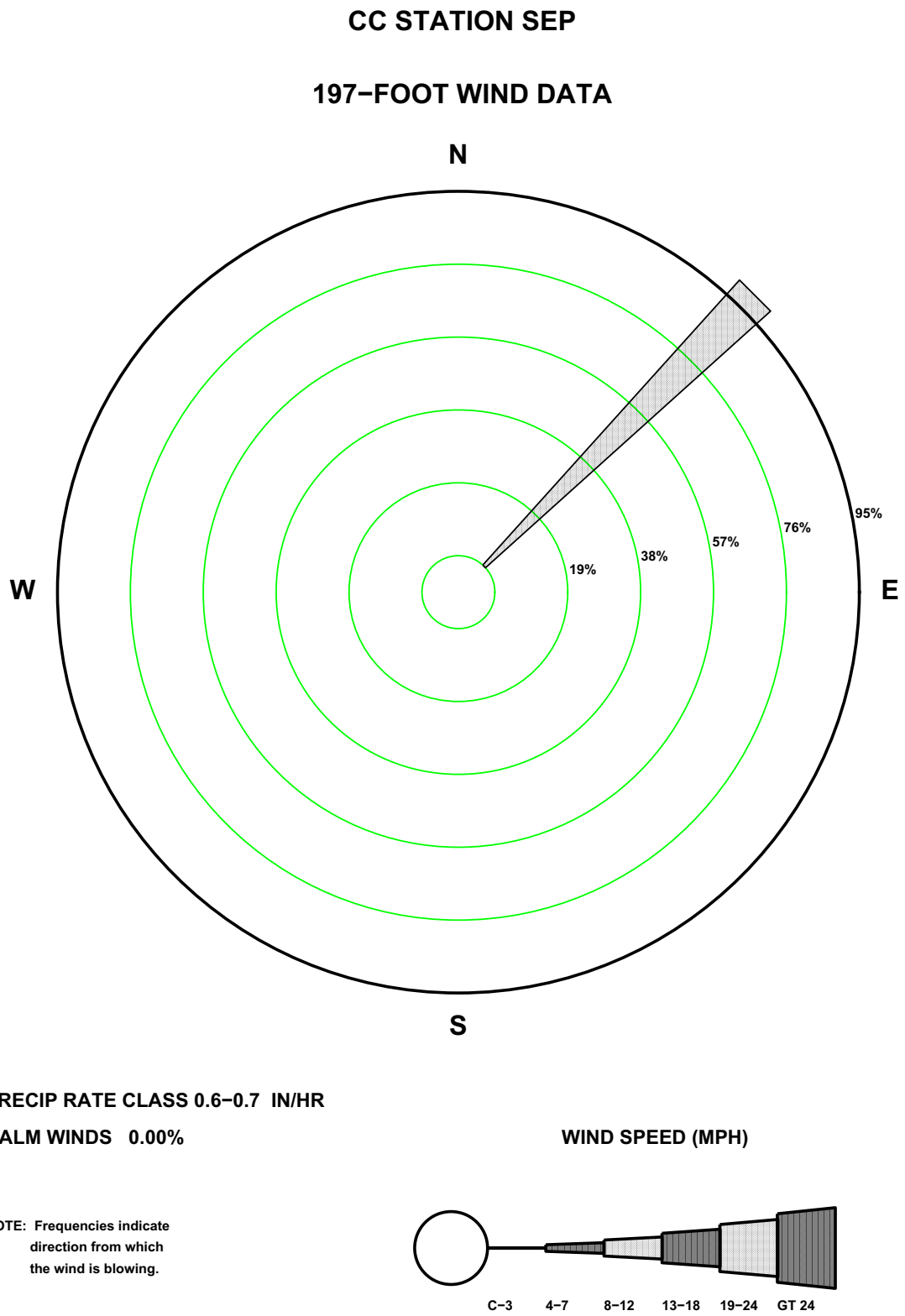

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Figure 2.7-156—{CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr}

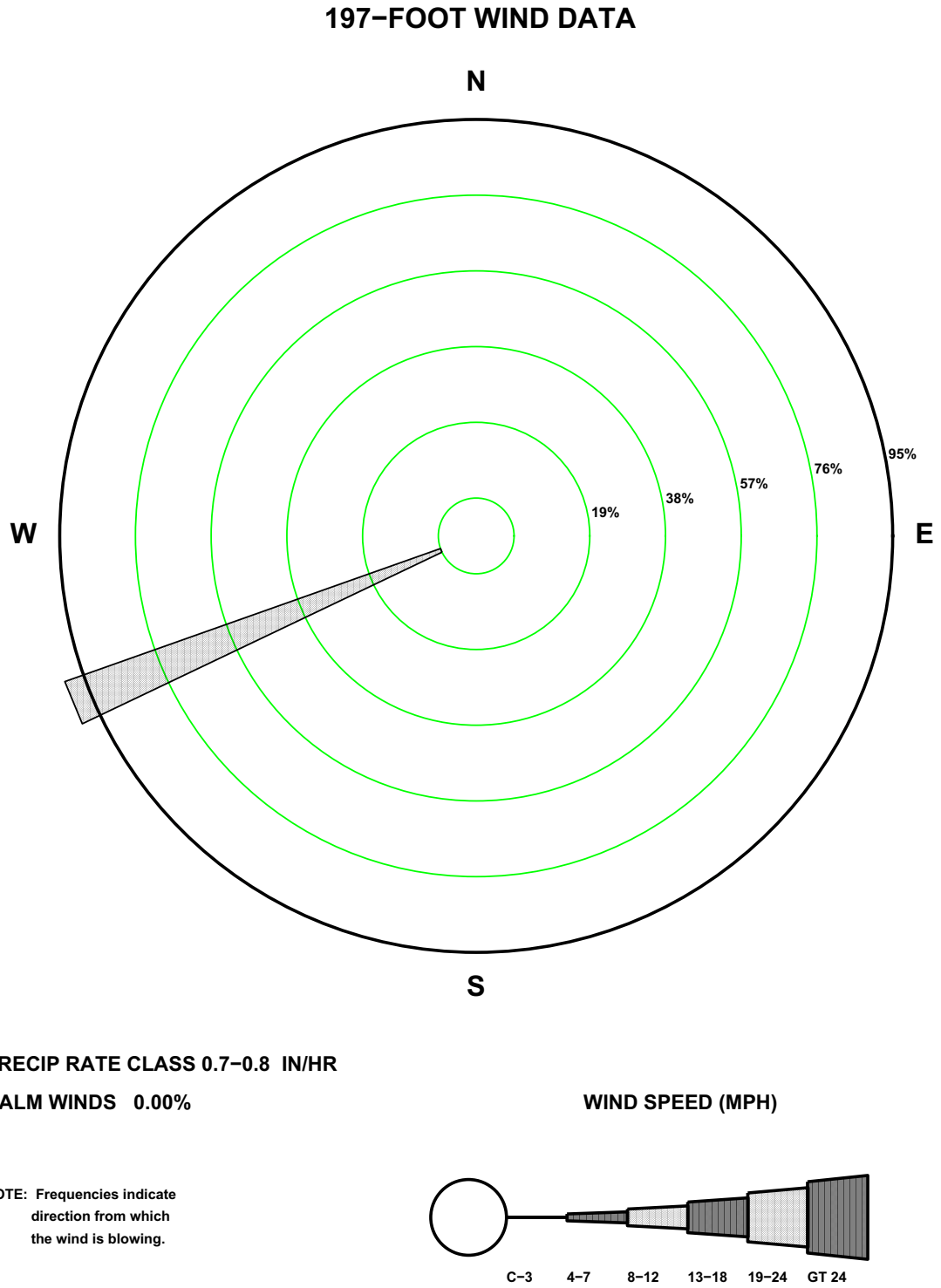

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Figure 2.7-157—{CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

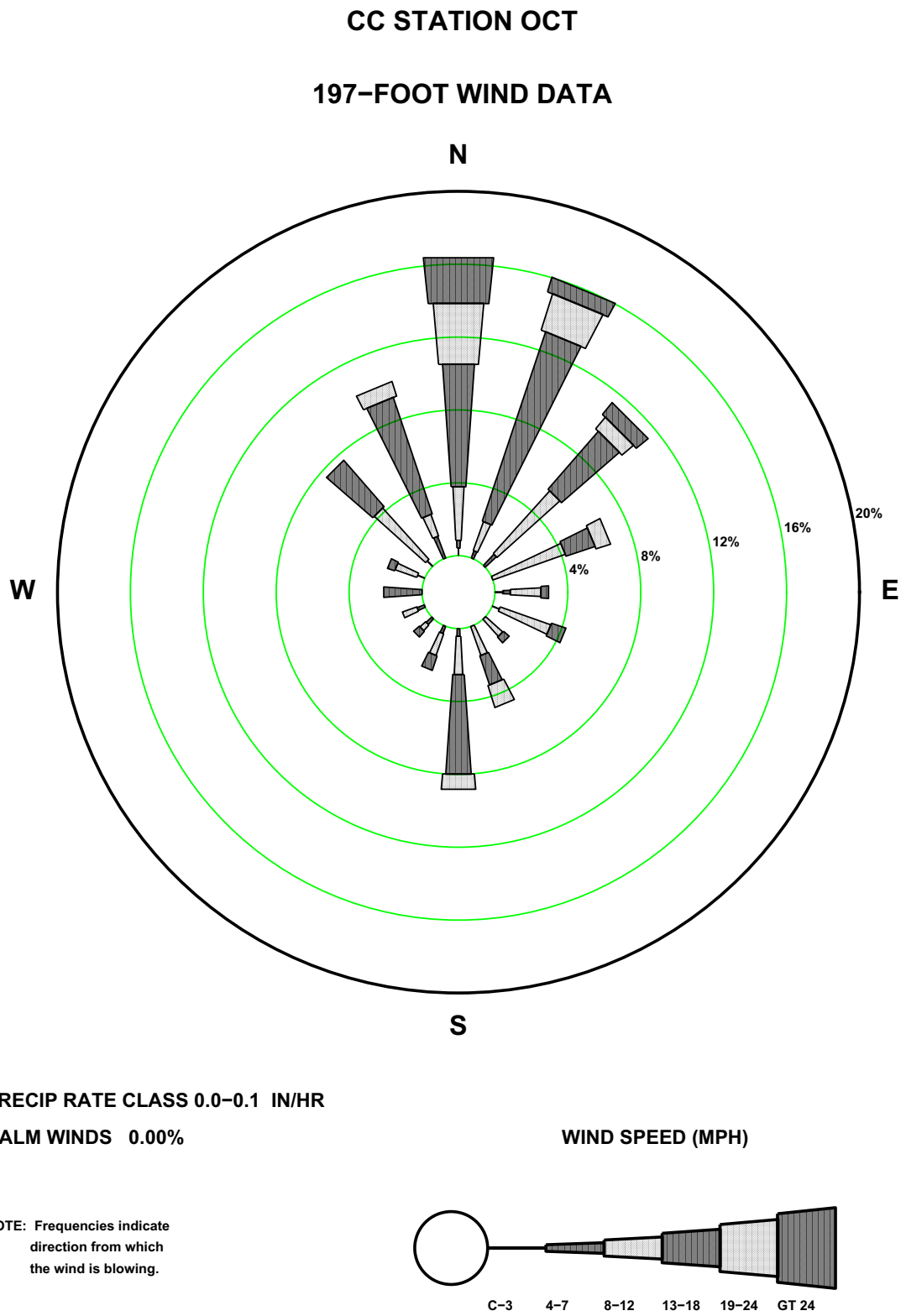

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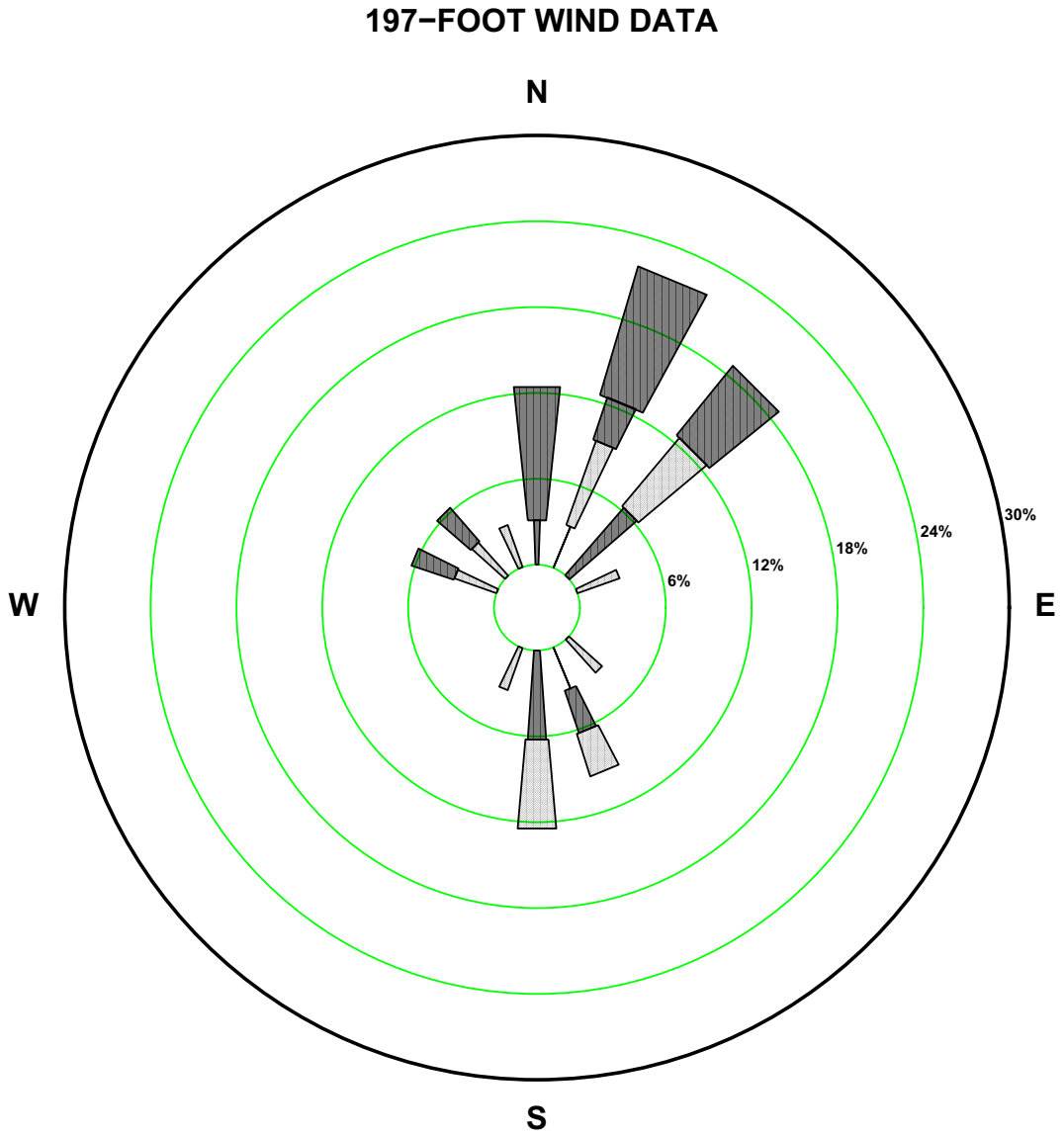
Figure 2.7-158—{CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



PRECIP RATE CLASS 0.1−0.2 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

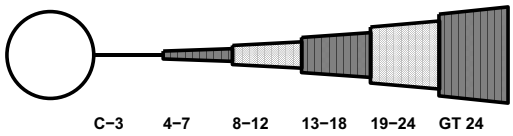


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Figure 2.7-159—{CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

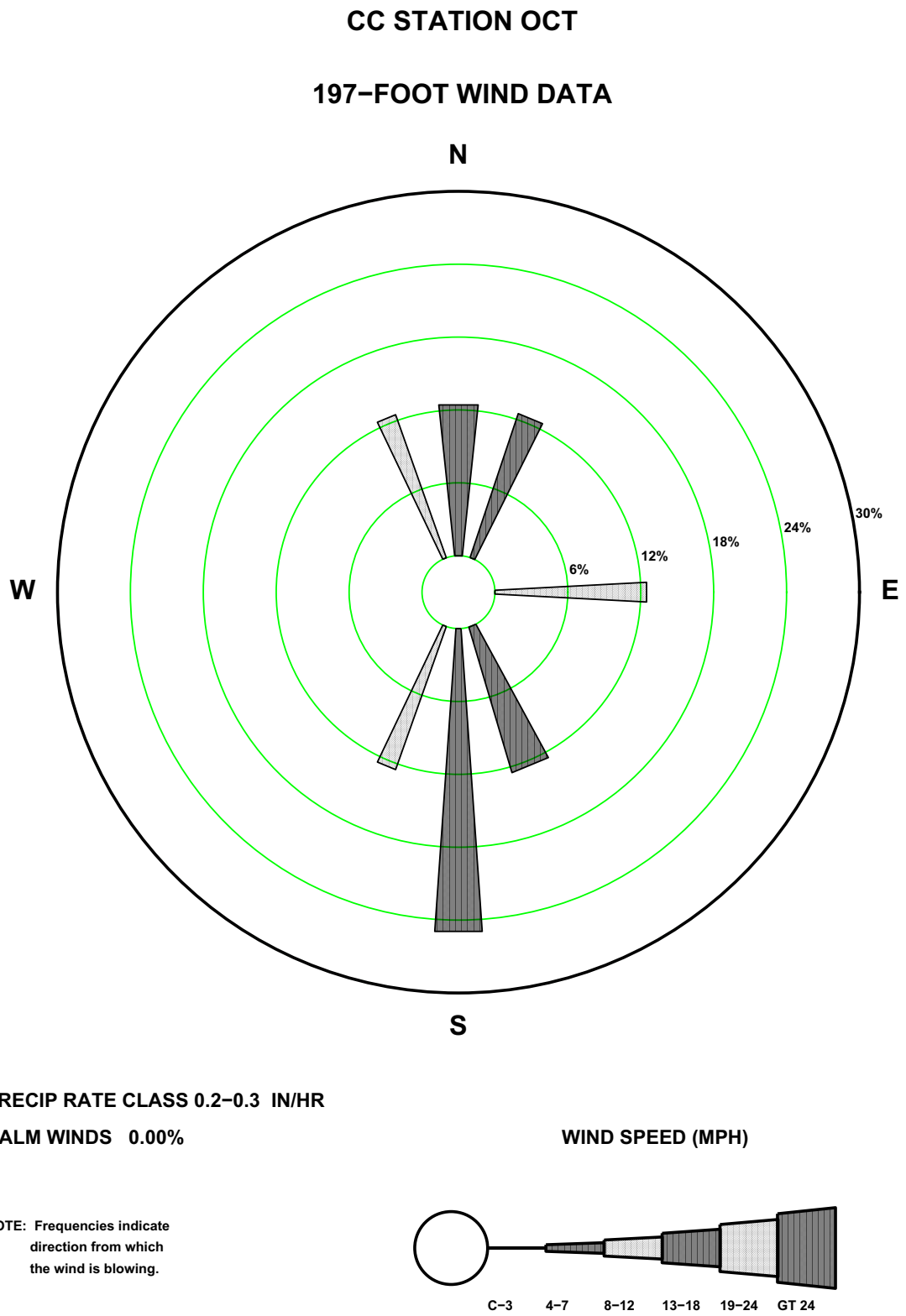

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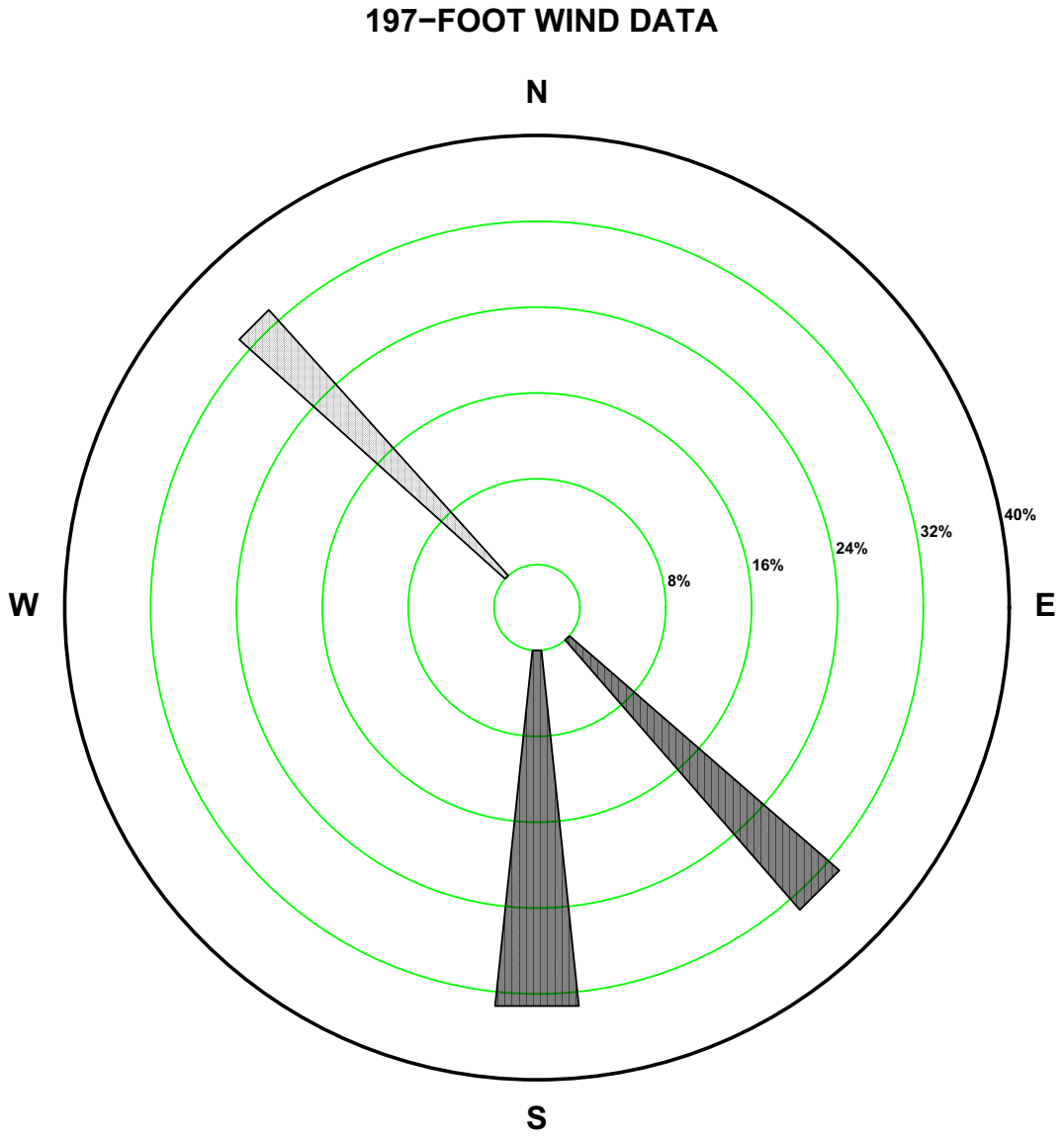
Figure 2.7-160—{CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



PRECIP RATE CLASS 0.3−0.4 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

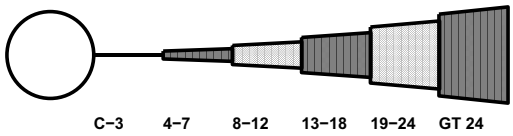


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Figure 2.7-161—{CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

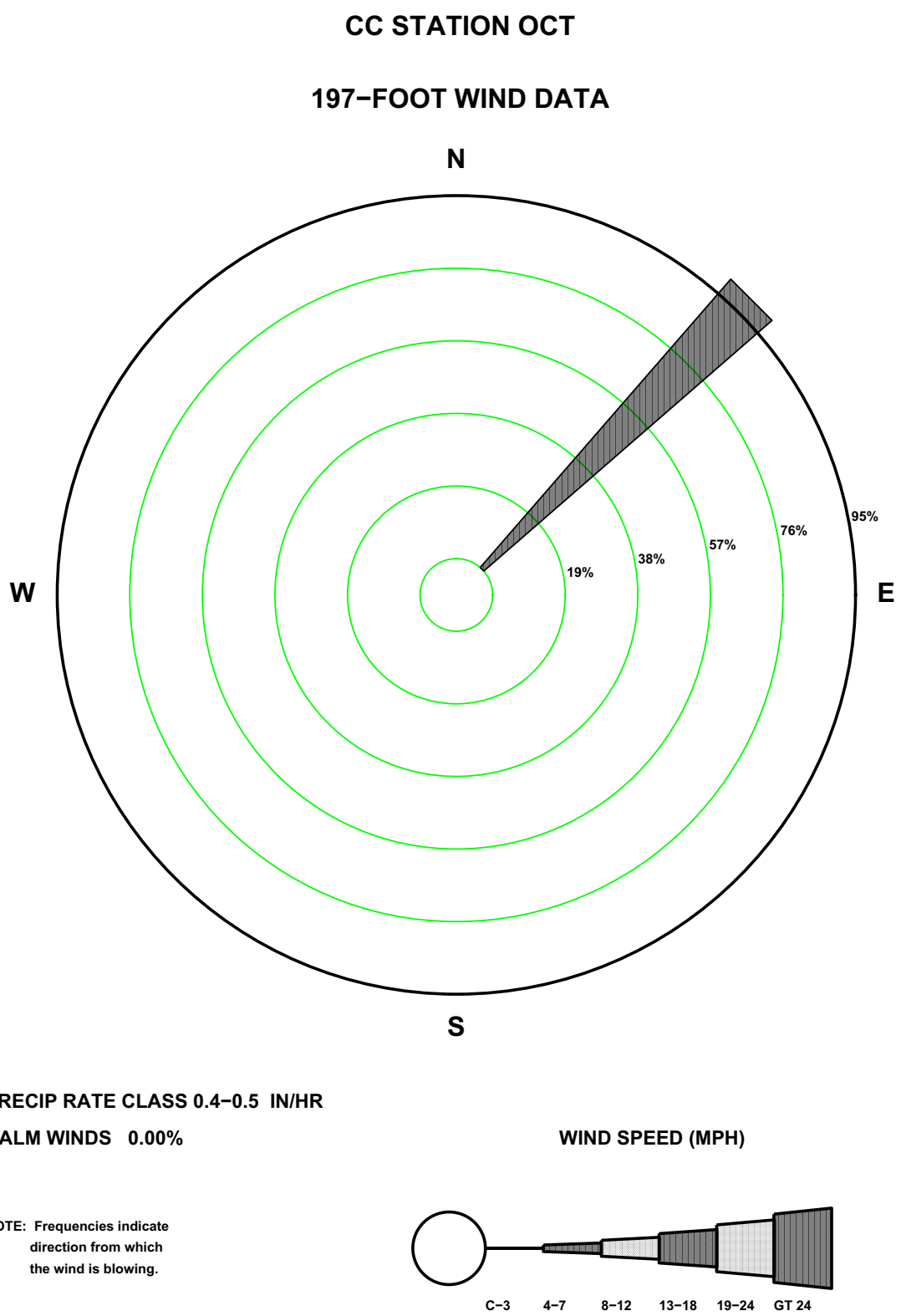

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Figure 2.7-162—{CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}

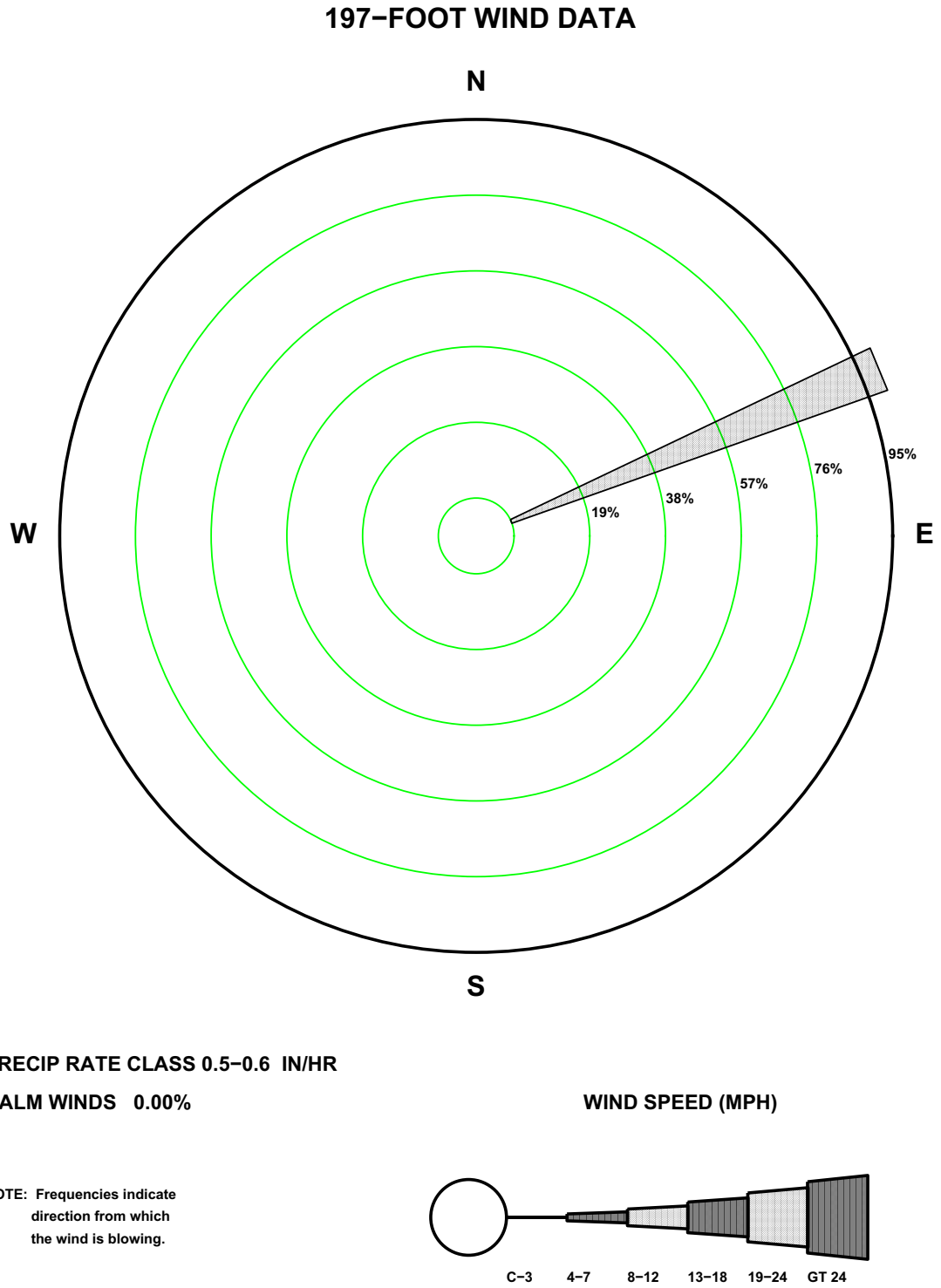

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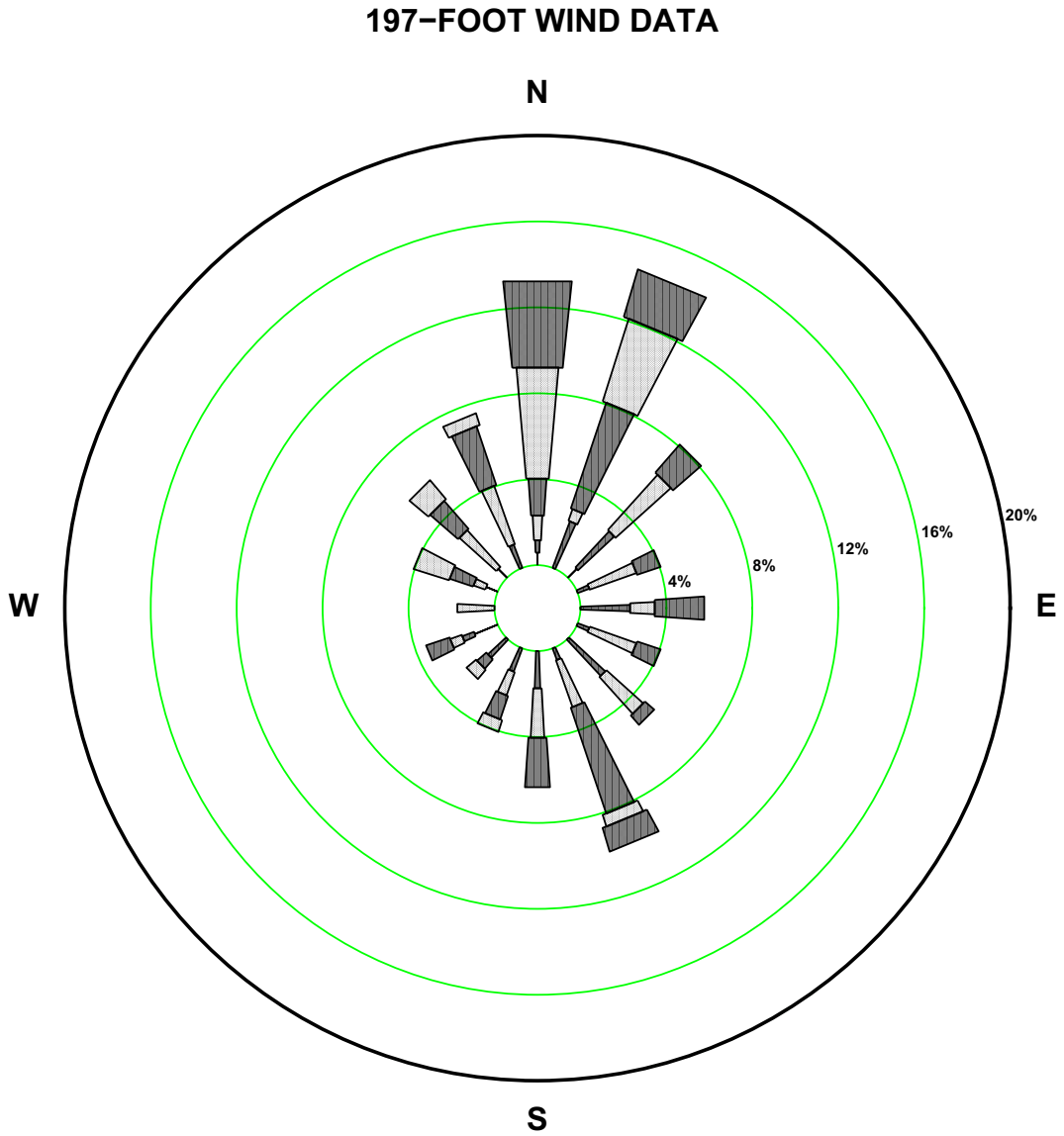
Figure 2.7-163—{CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

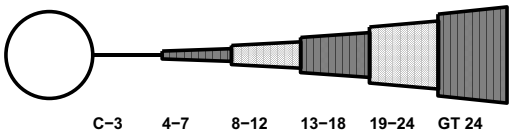


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Figure 2.7-164—{CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

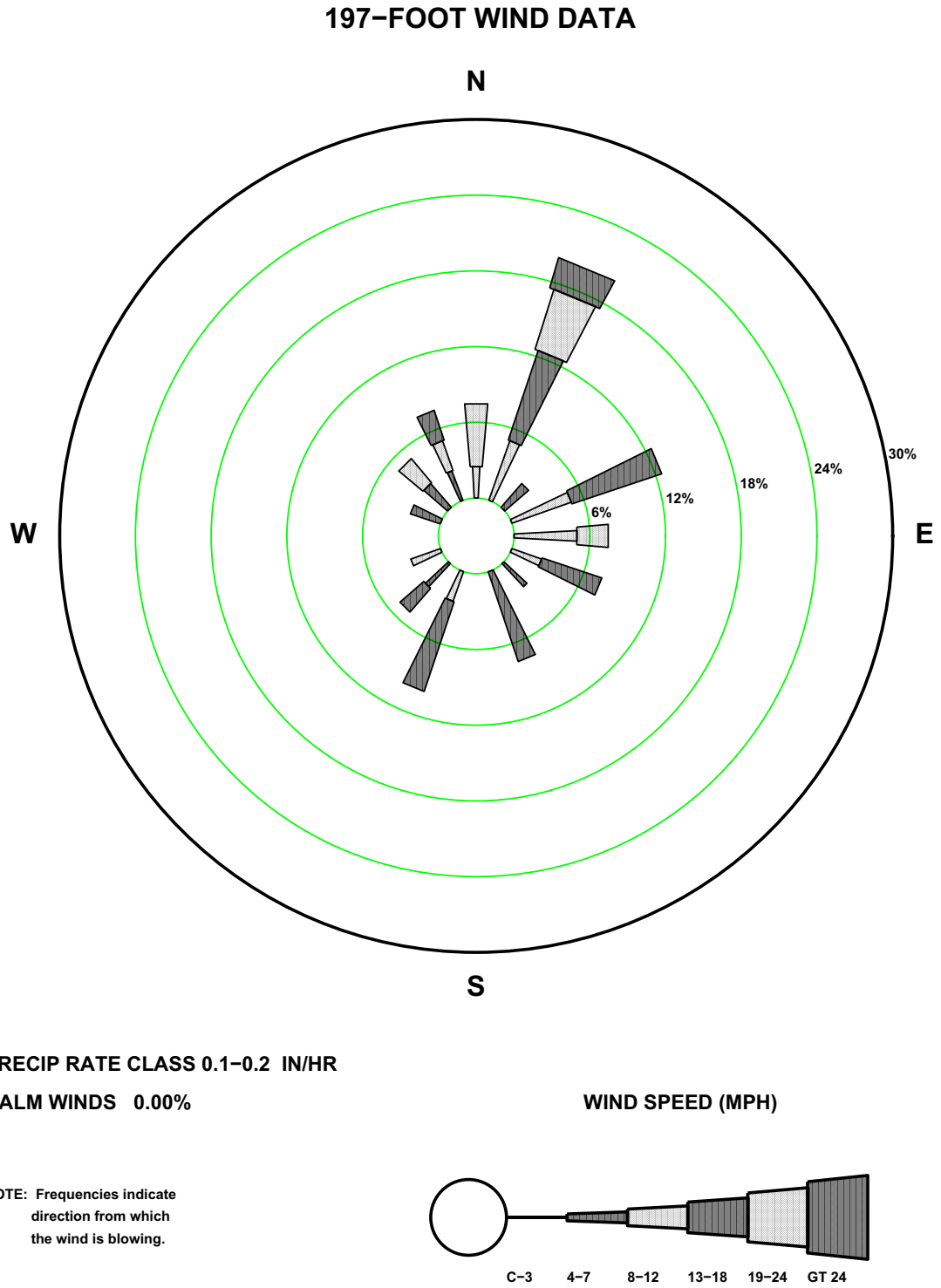

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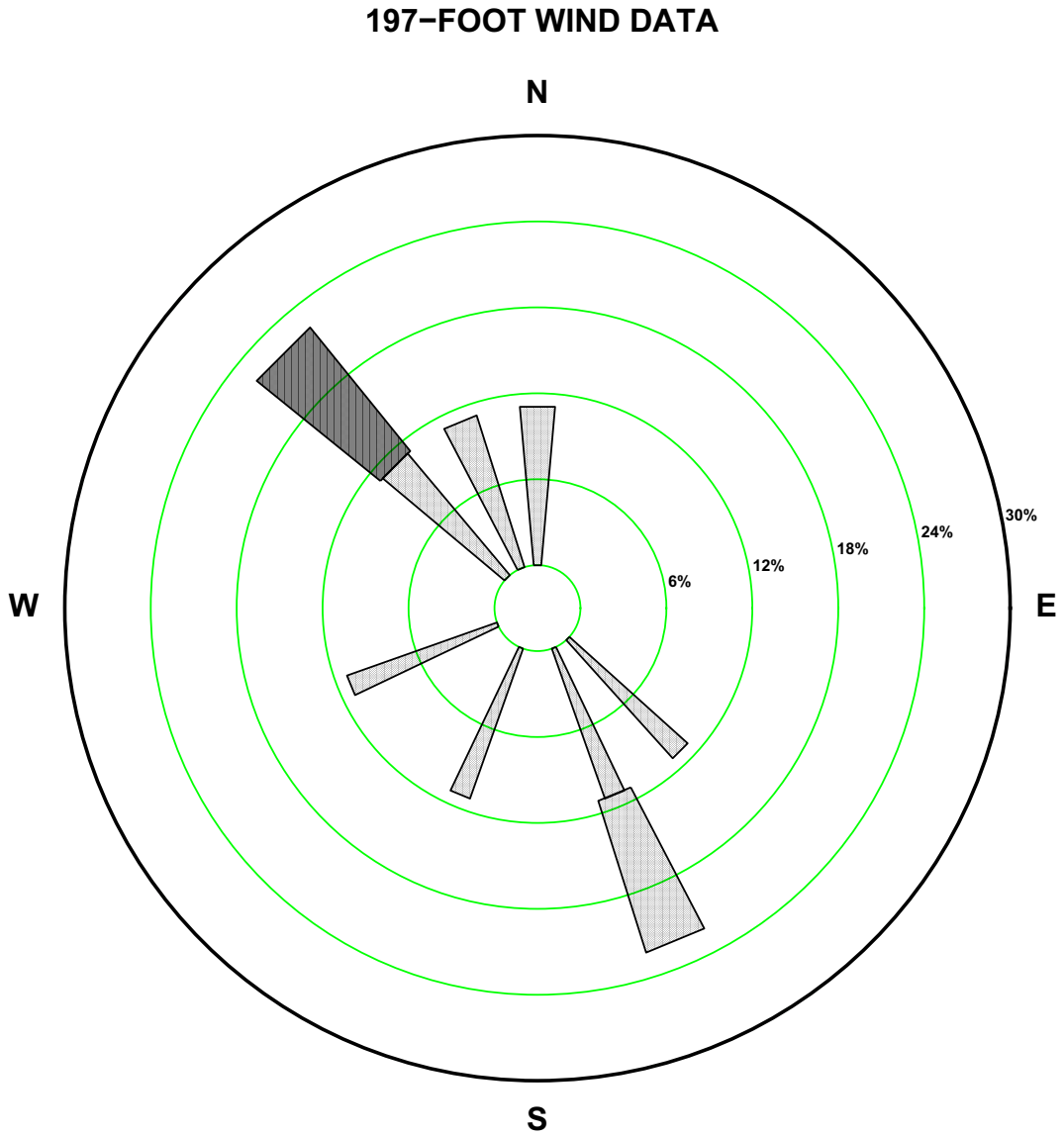
Figure 2.7-165—{CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



PRECIP RATE CLASS 0.2−0.3 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

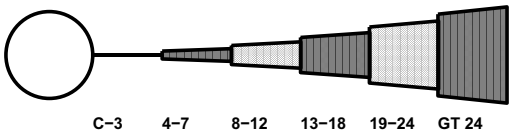


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Figure 2.7-166—{CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

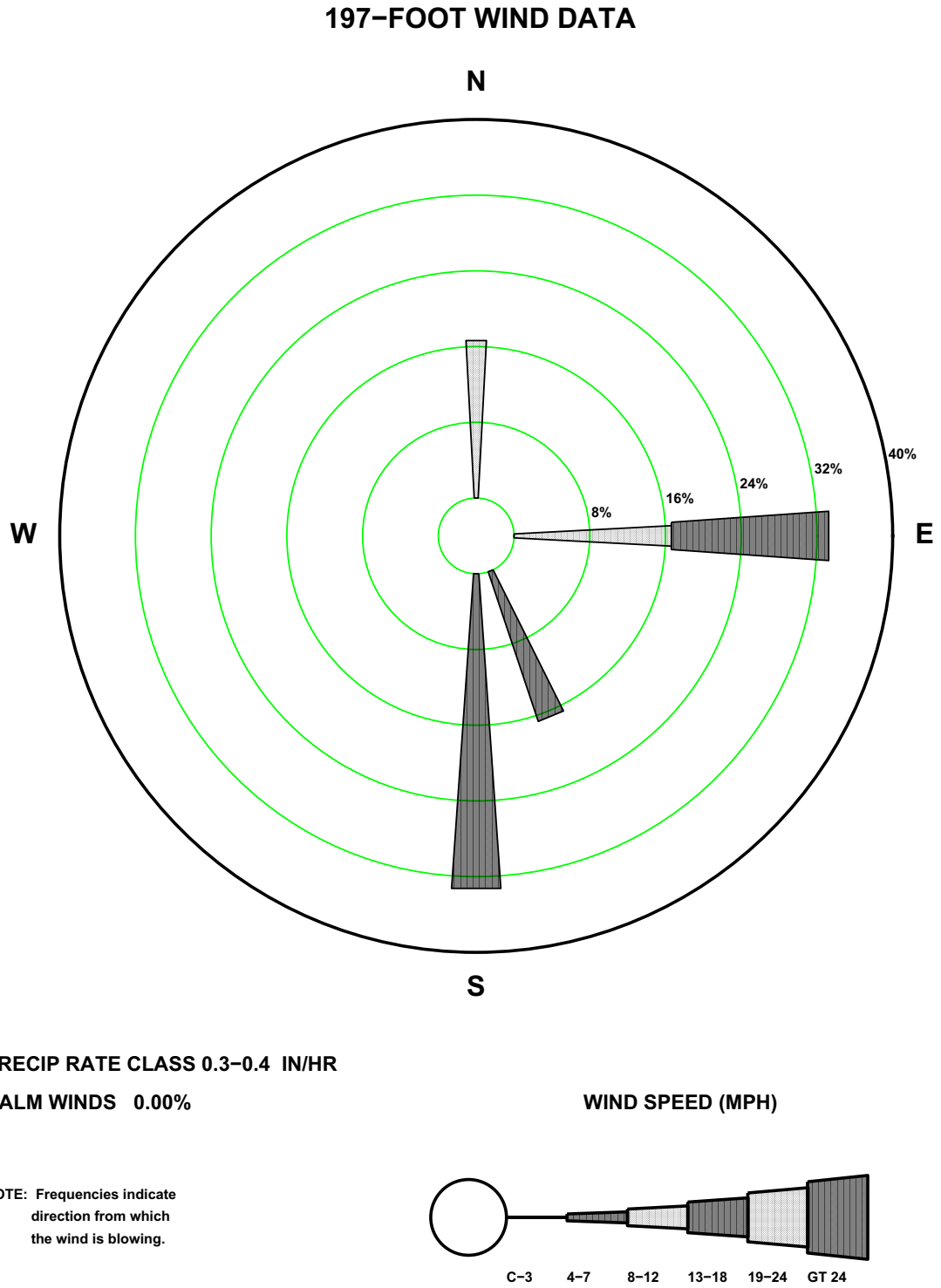

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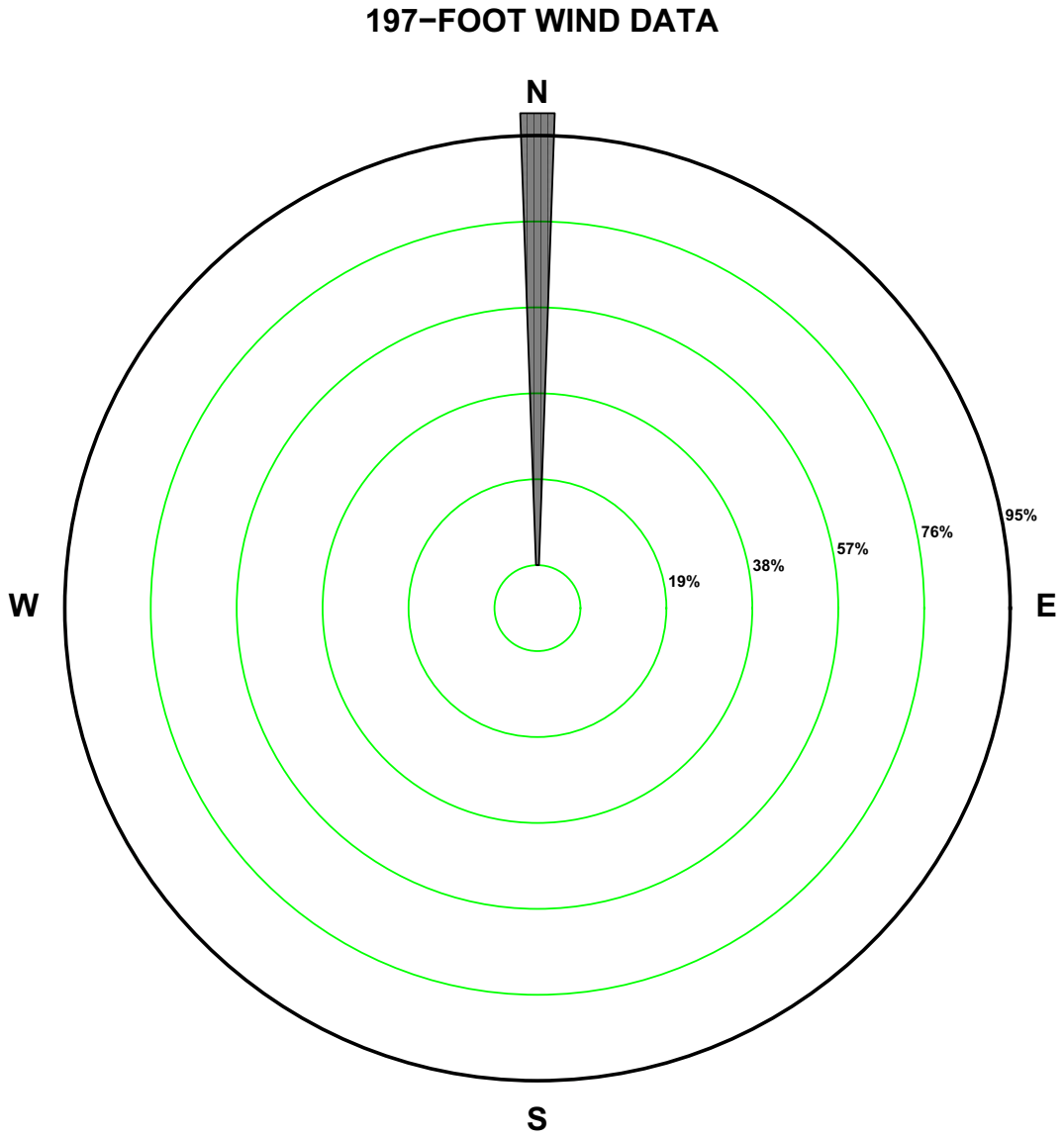
Figure 2.7-167—{CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}



PRECIP RATE CLASS 0.5−0.6 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

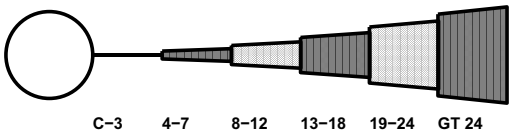


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Figure 2.7-168—{CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

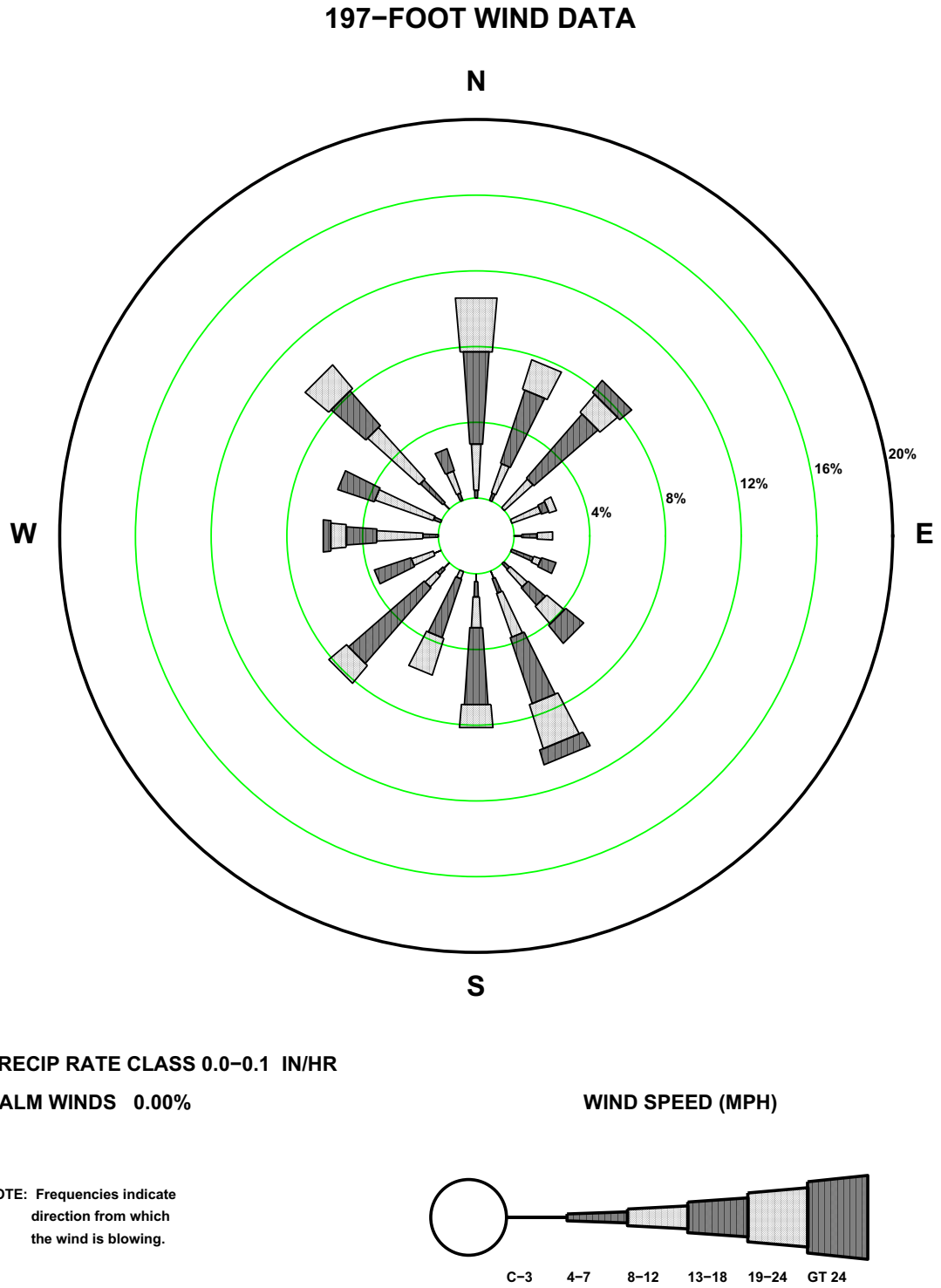

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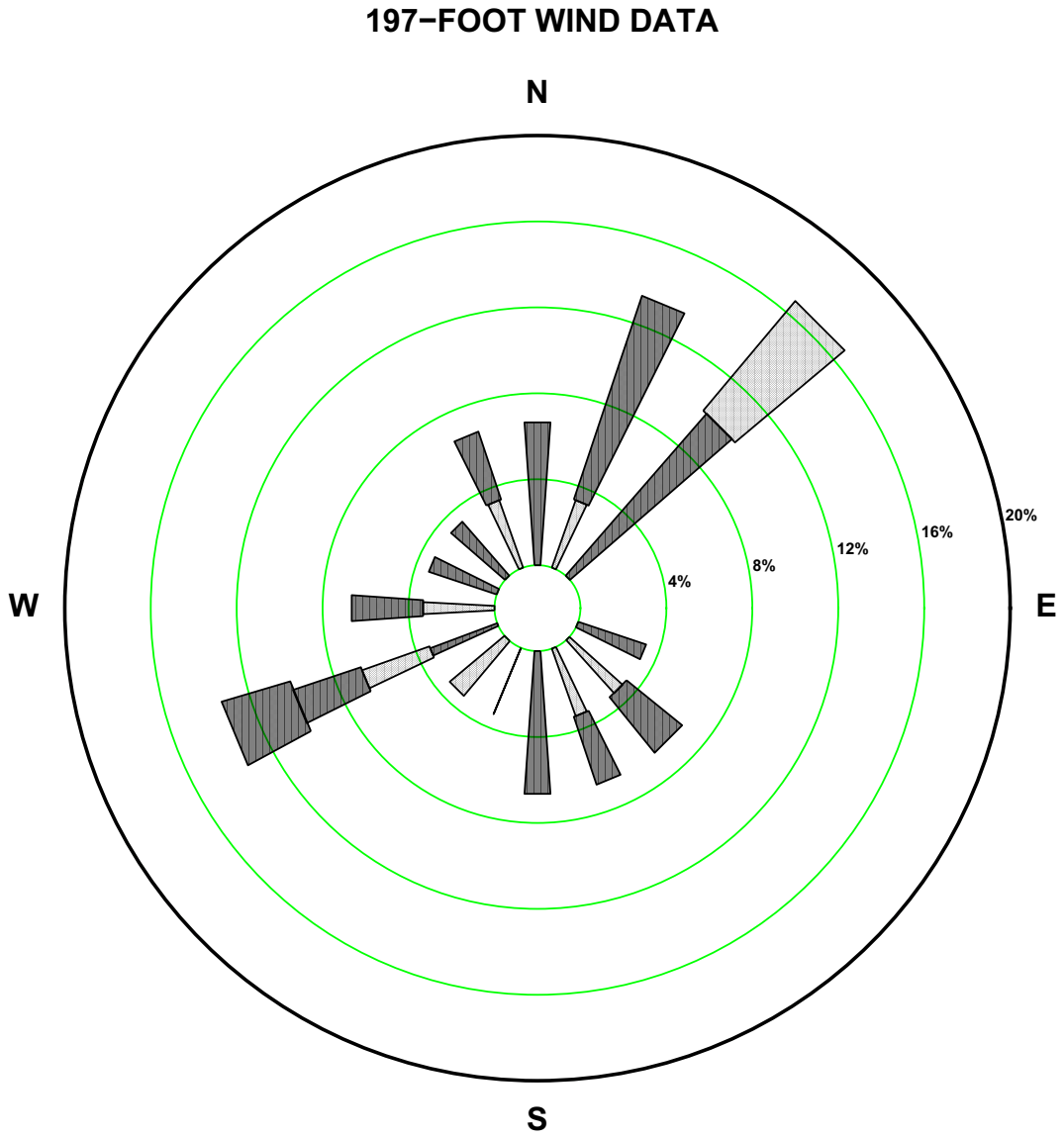
Figure 2.7-169—{CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



PRECIP RATE CLASS 0.1−0.2 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

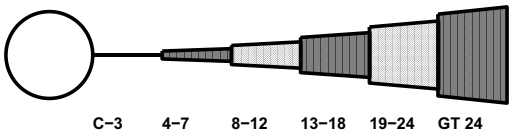


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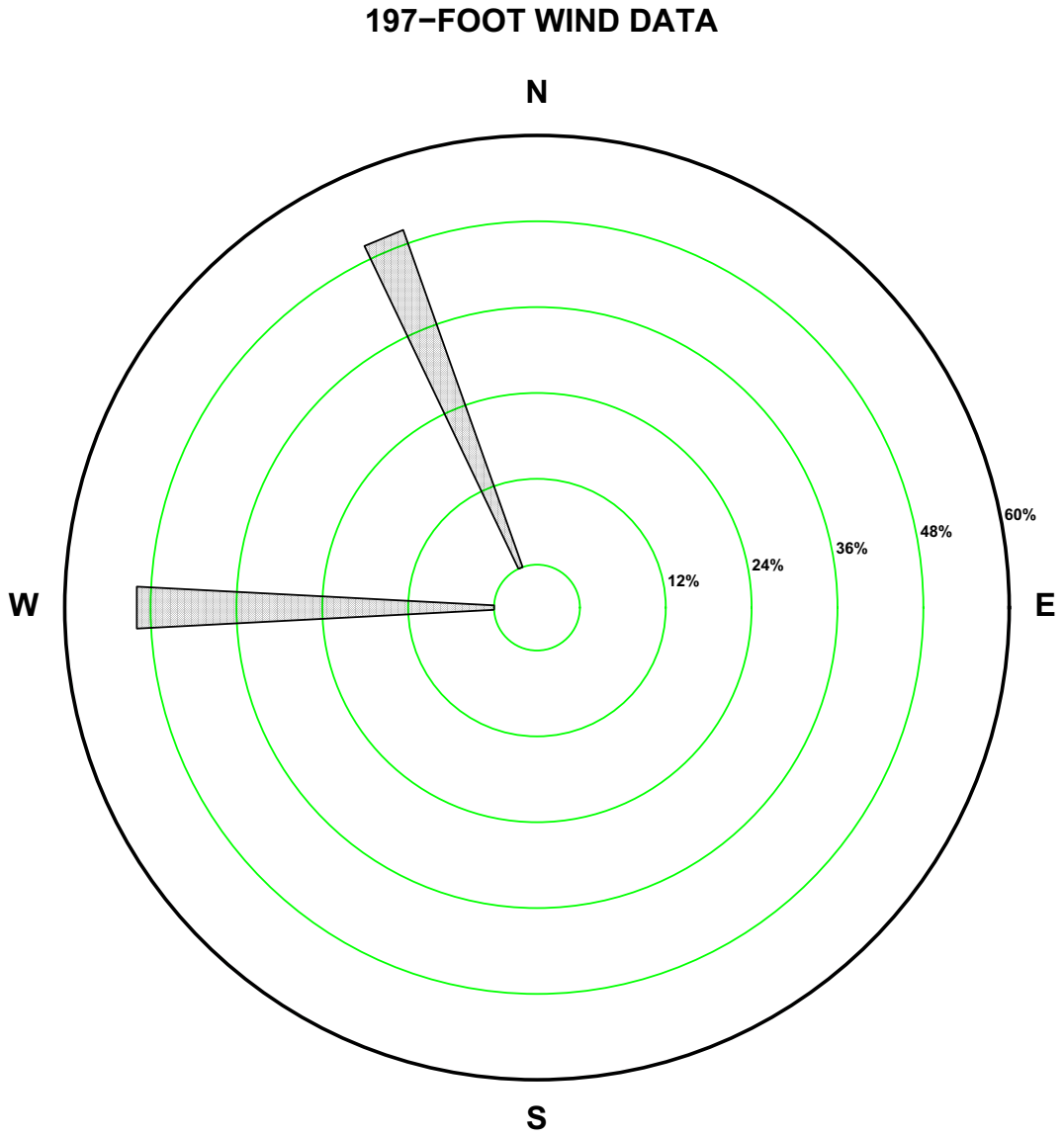
Figure 2.7-170—{CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



PRECIP RATE CLASS 0.2−0.3 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

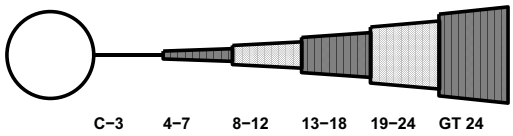


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Figure 2.7-171—{CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

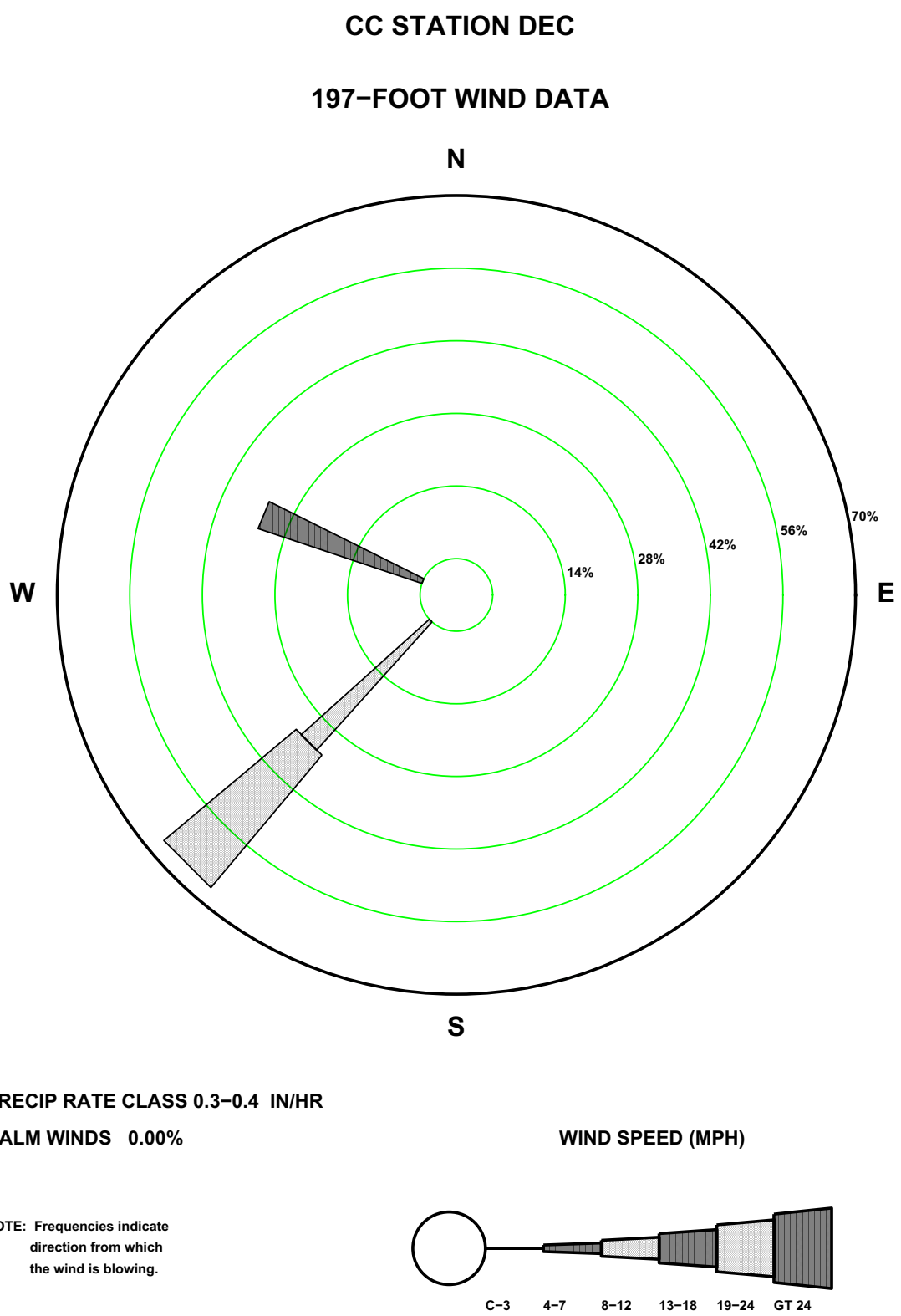

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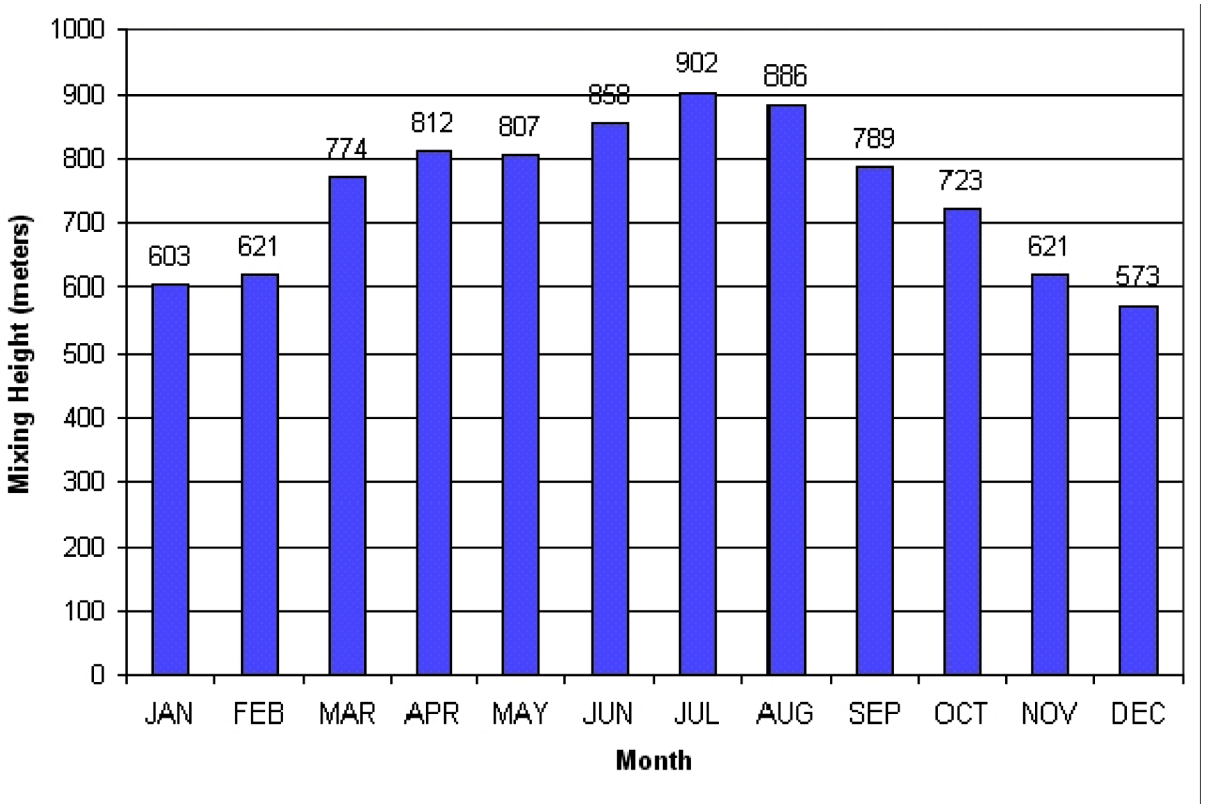
Figure 2.7-172—{Monthly Average Mixing Heights}



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ER Section 2.7

Figure 2.7-173—{CCNPP 33 ft Annual Wind Rose}

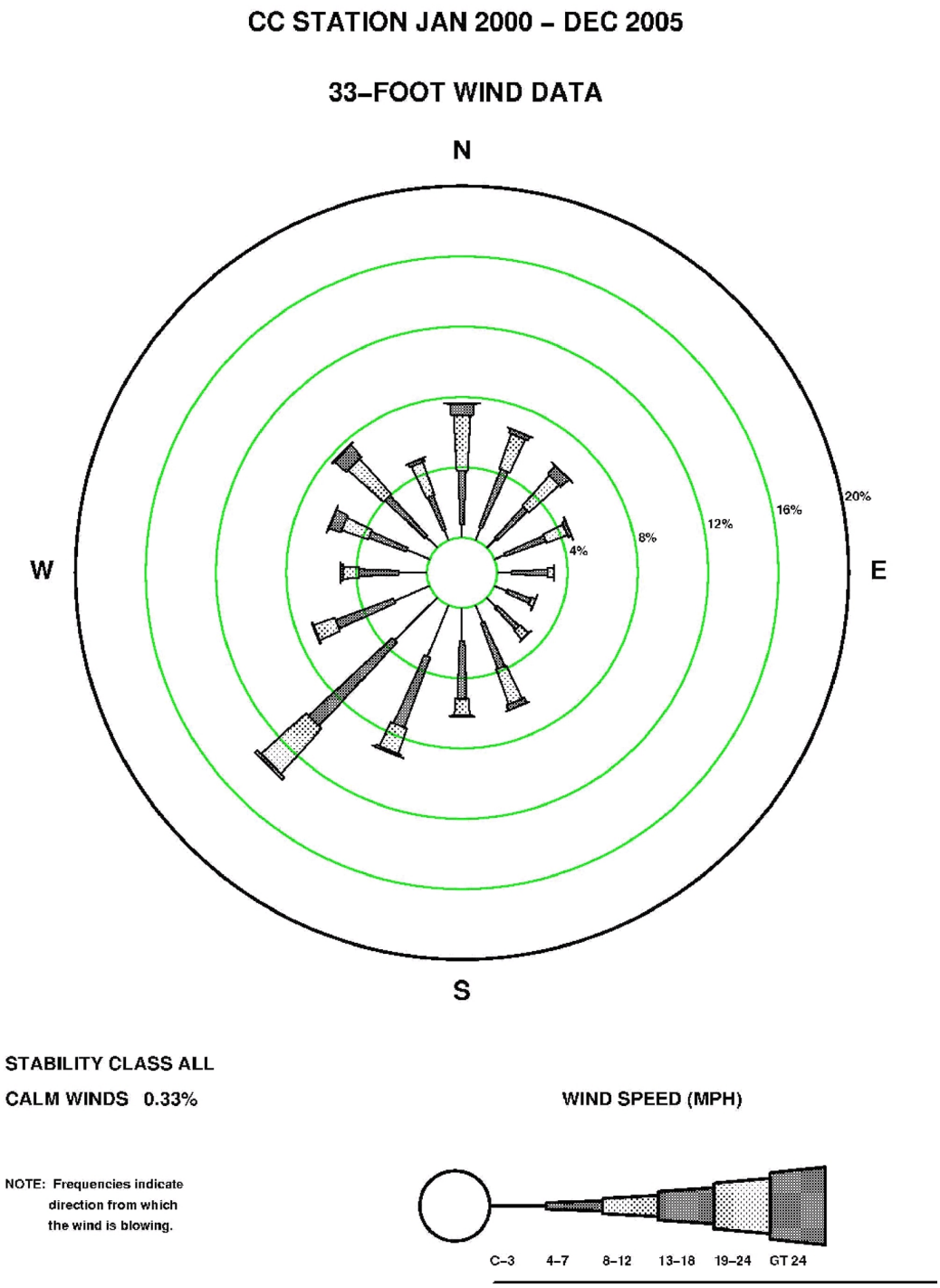

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Figure 2.7-174—{CCNPP 33 ft January Wind Rose}

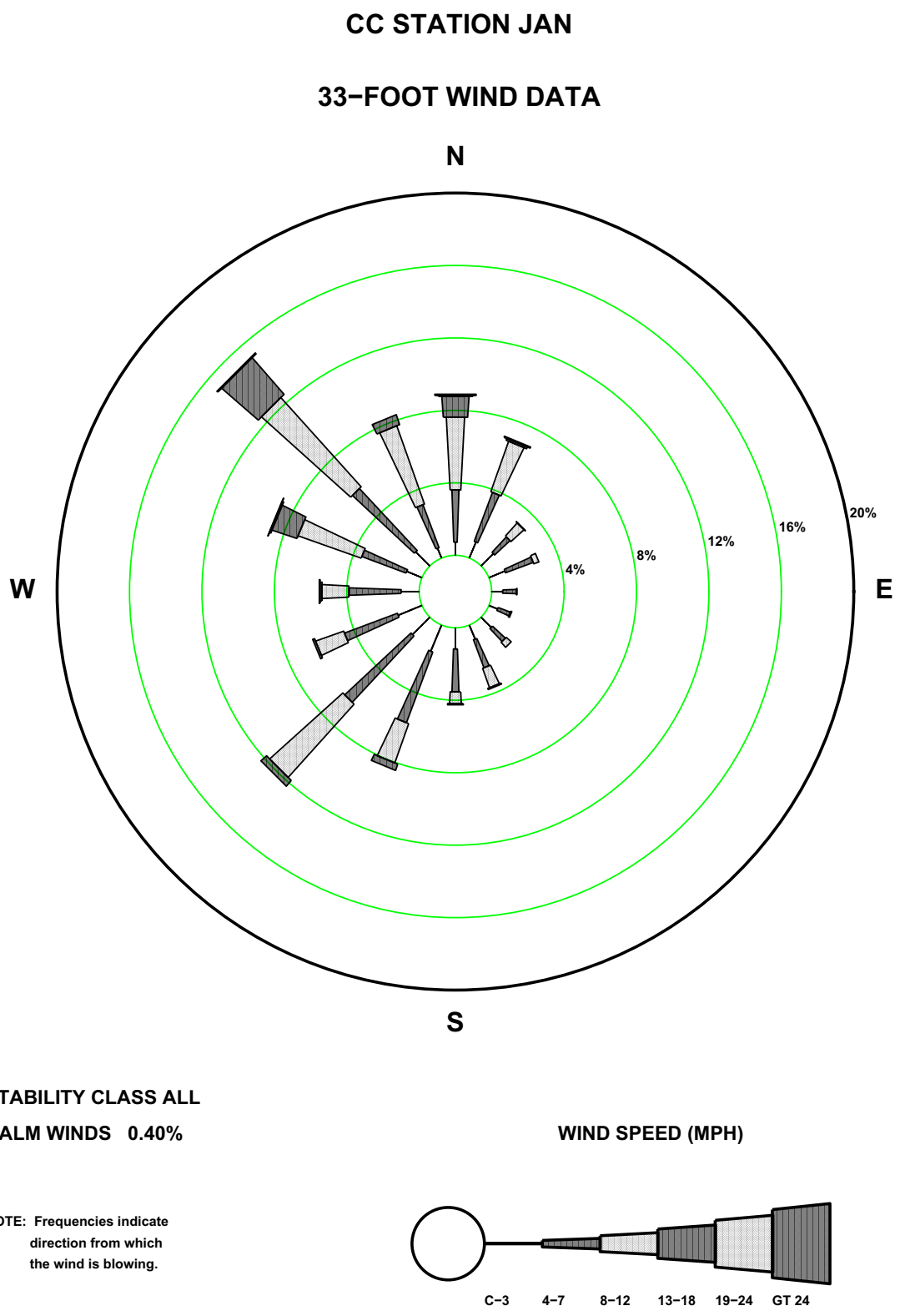

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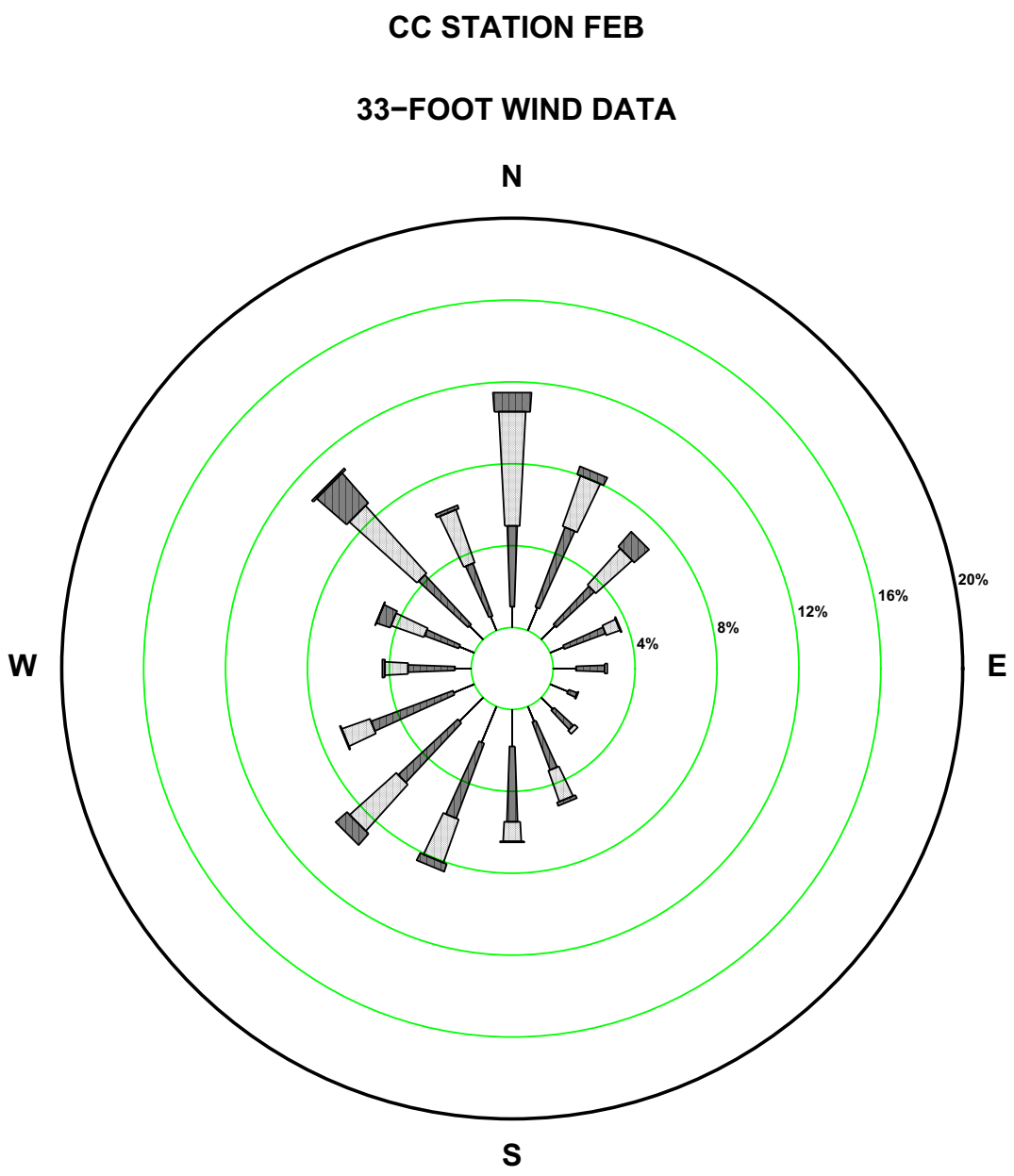
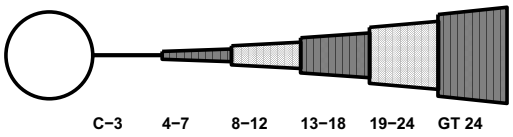
Figure 2.7-175—{CCNPP 33 ft February Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.27%

WIND SPEED (MPH)



NOTE: Frequencies indicate direction from which the wind is blowing.

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Figure 2.7-176—{CCNPP 33 ft March Wind Rose}

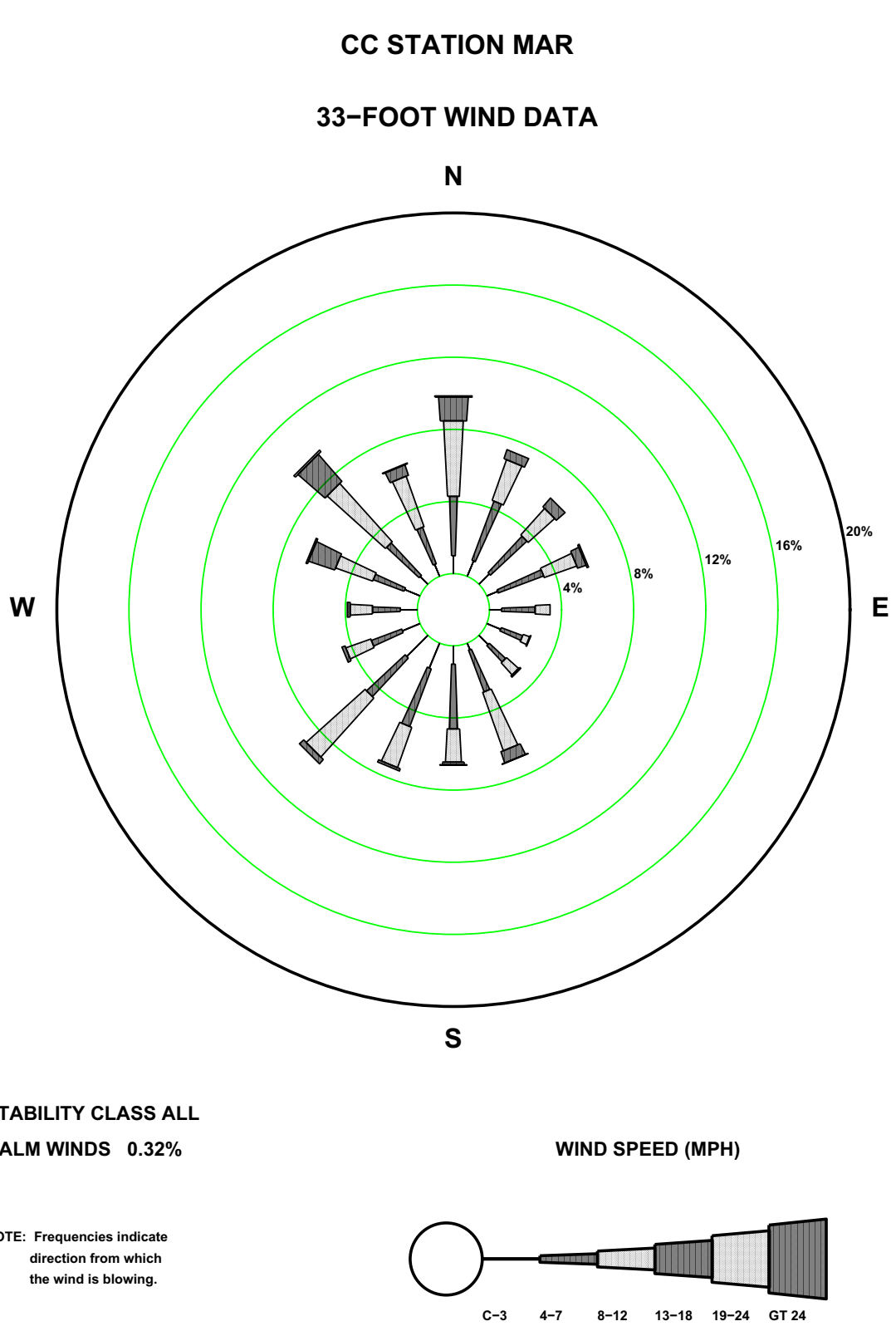

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Figure 2.7-177—{CCNPP 33 ft April Wind Rose}

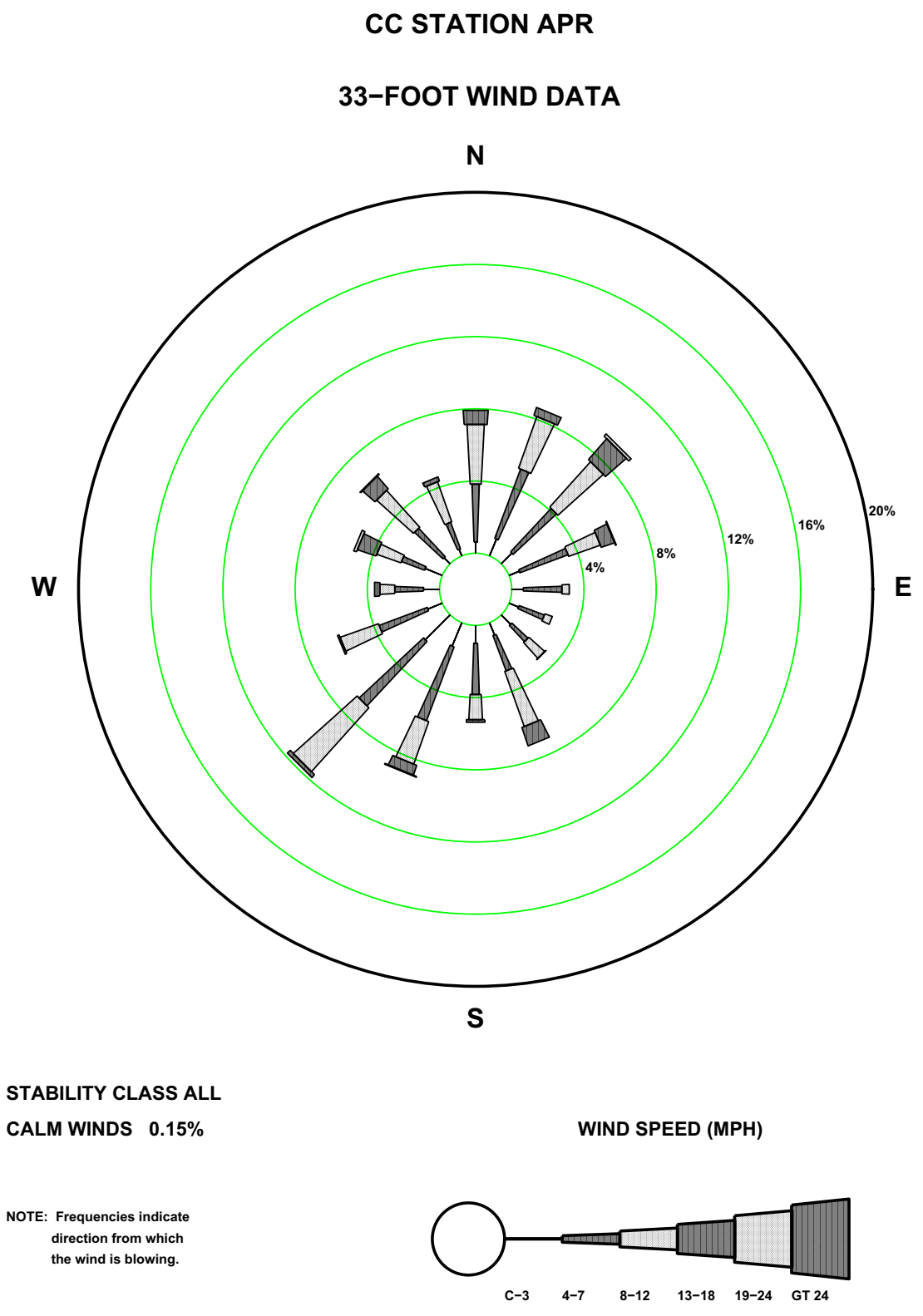

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Figure 2.7-178—{CCNPP 33 ft May Wind Rose}

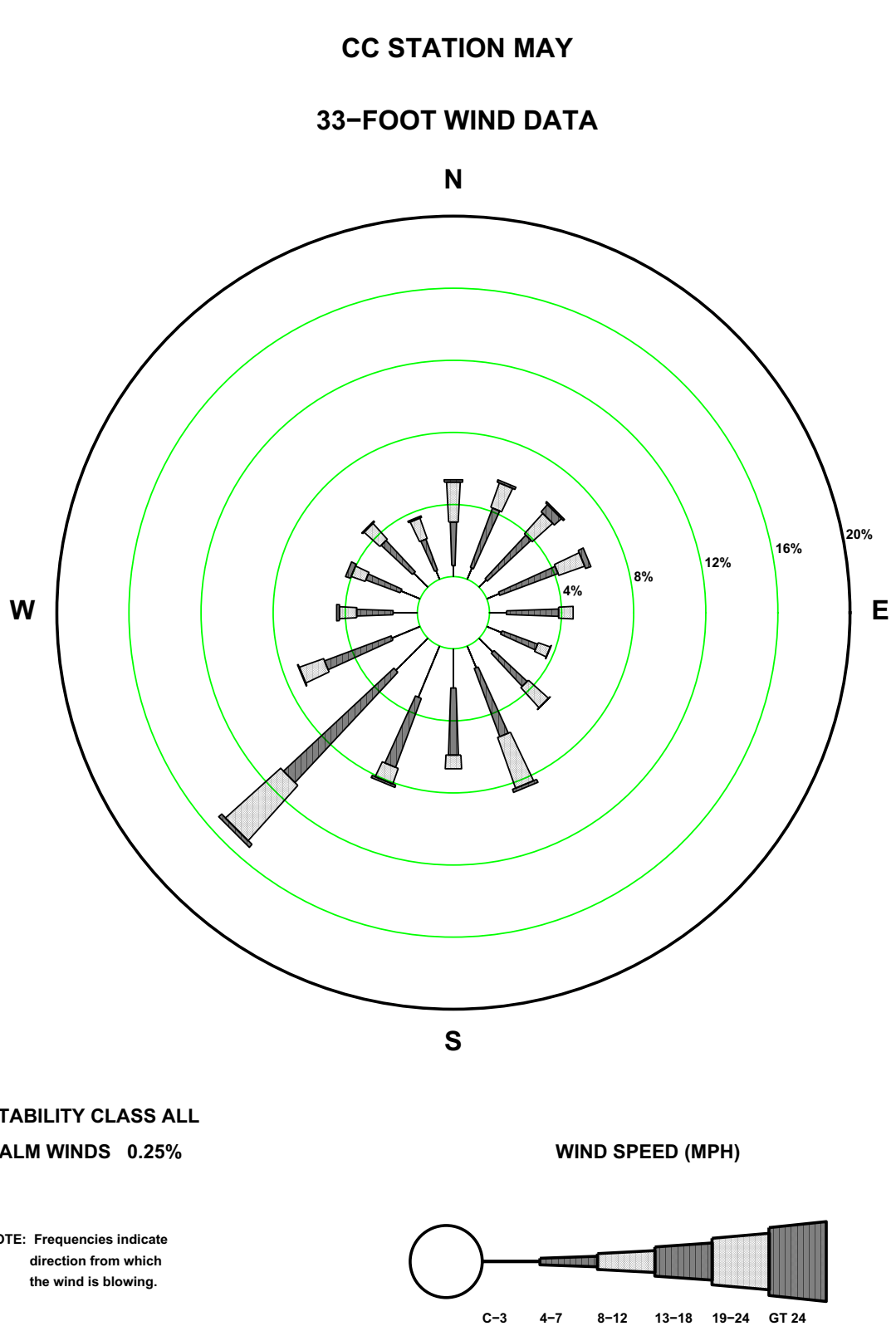

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Figure 2.7-179—{CCNPP 33 ft June Wind Rose}

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Figure 2.7-180—{CCNPP 33 ft July Wind Rose}

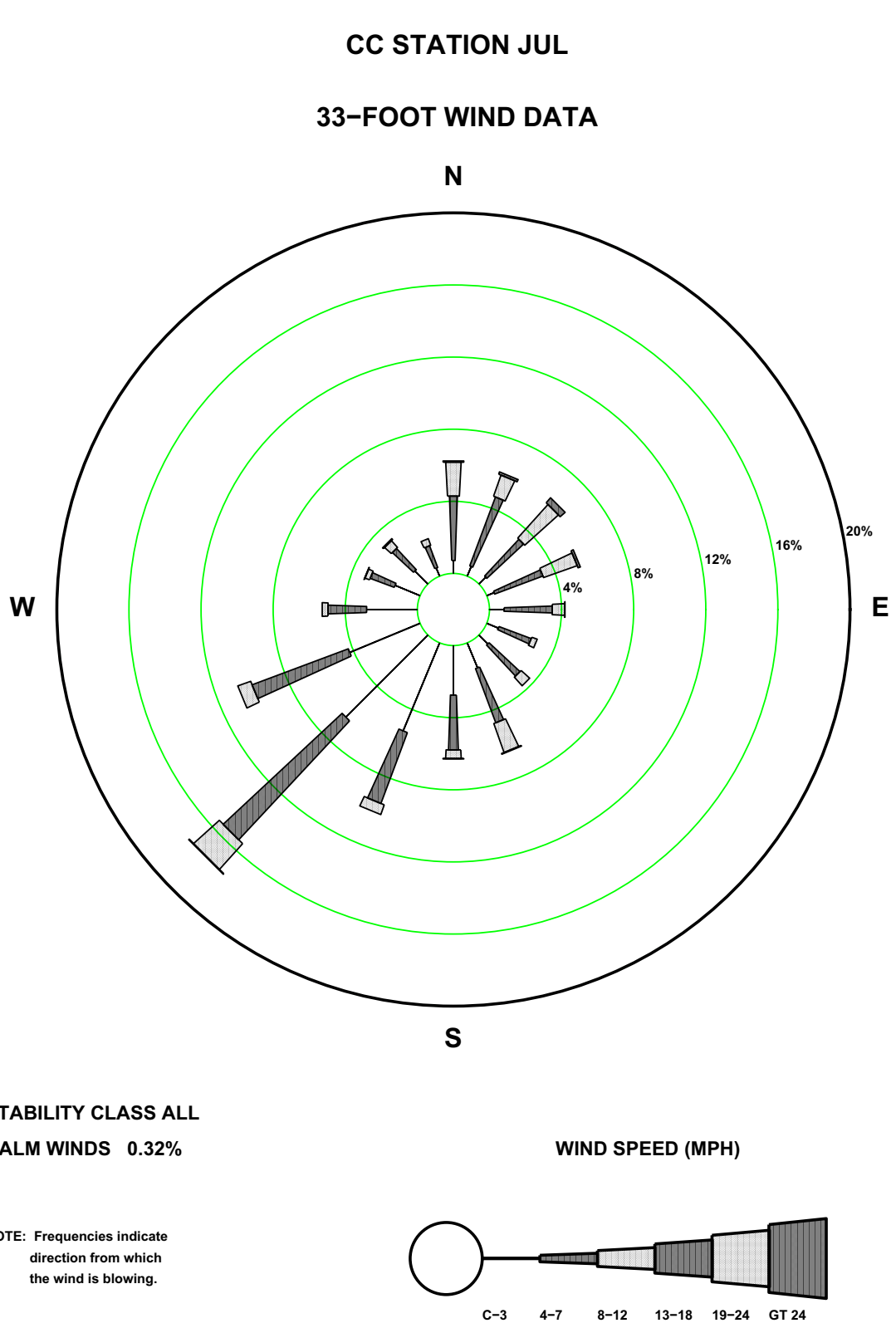

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Figure 2.7-181—{CCNPP 33 ft August Wind Rose}

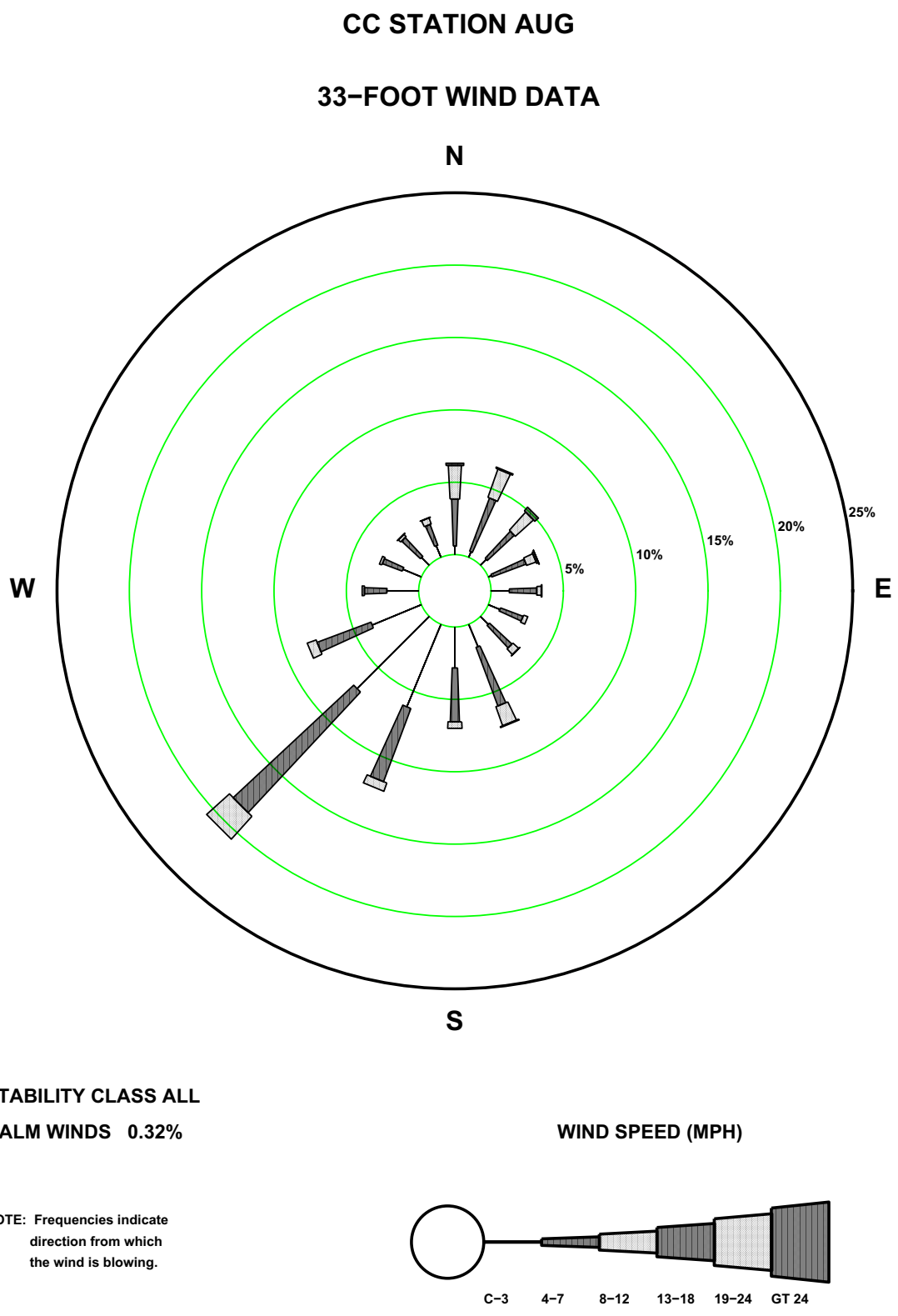

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Figure 2.7-182—{CCNPP 33 ft September Wind Rose}

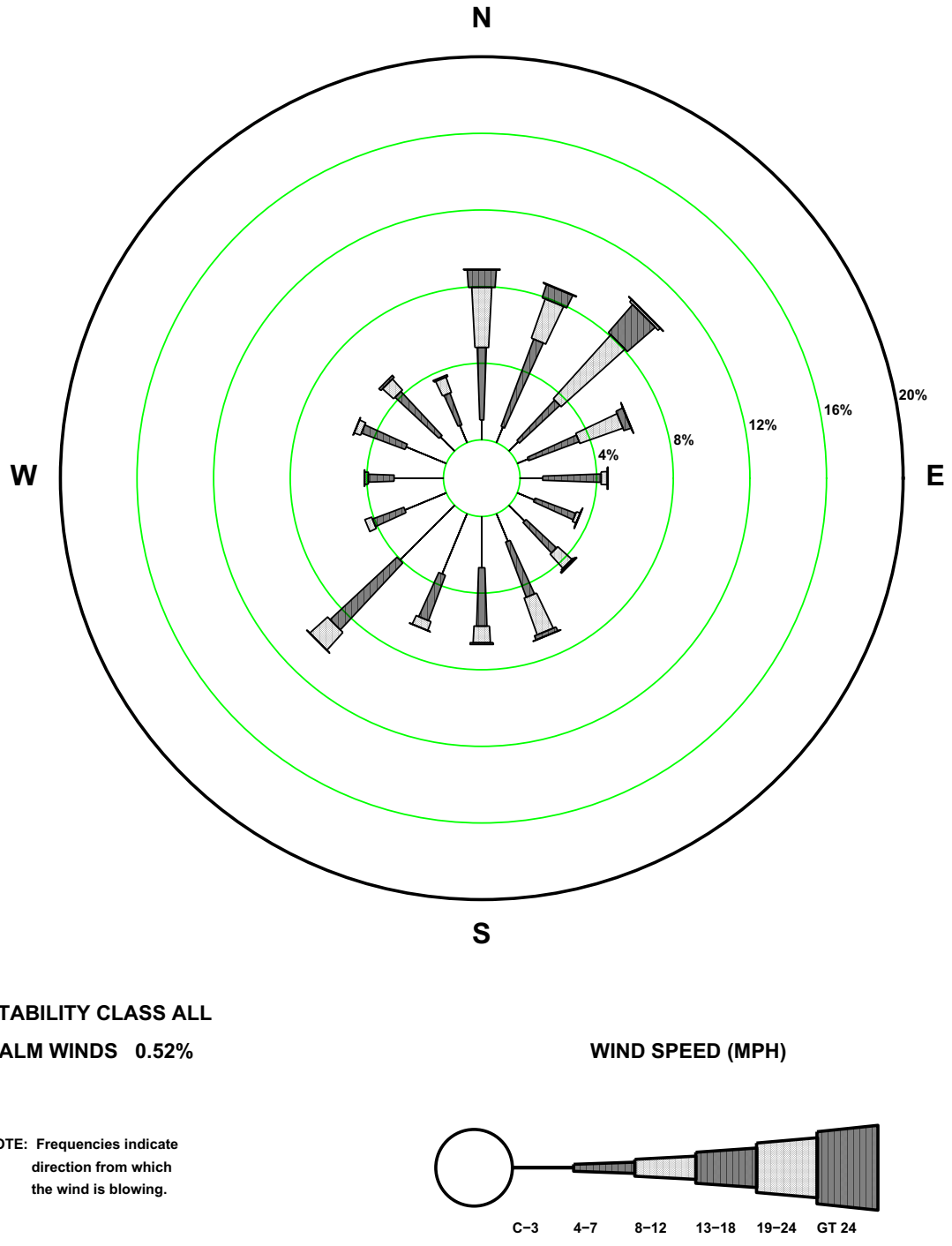

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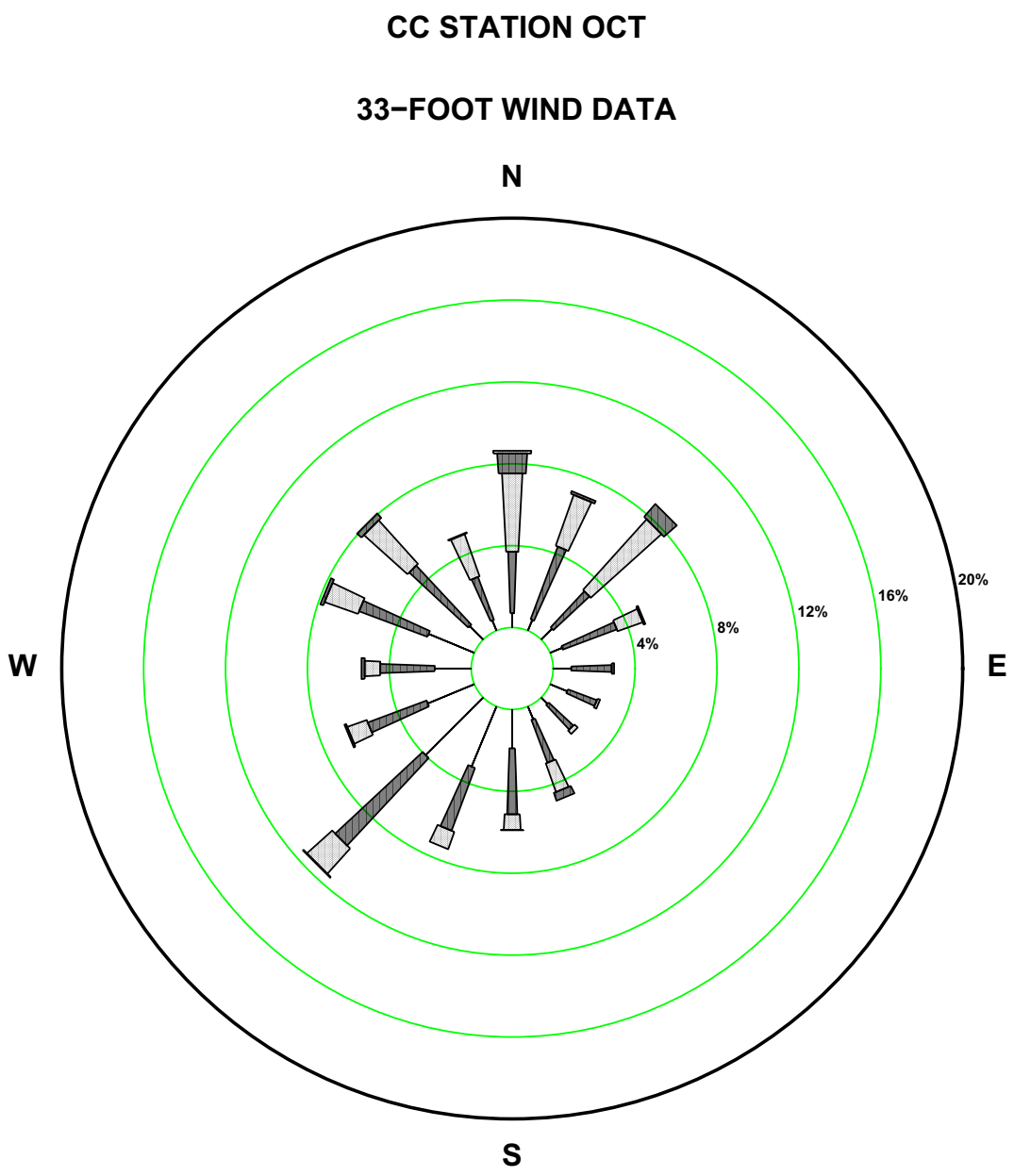
Figure 2.7-183—{CCNPP 33 ft October Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.23%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

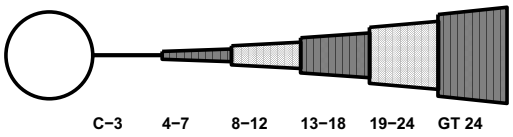


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Figure 2.7-184—{CCNPP 33 ft November Wind Rose}

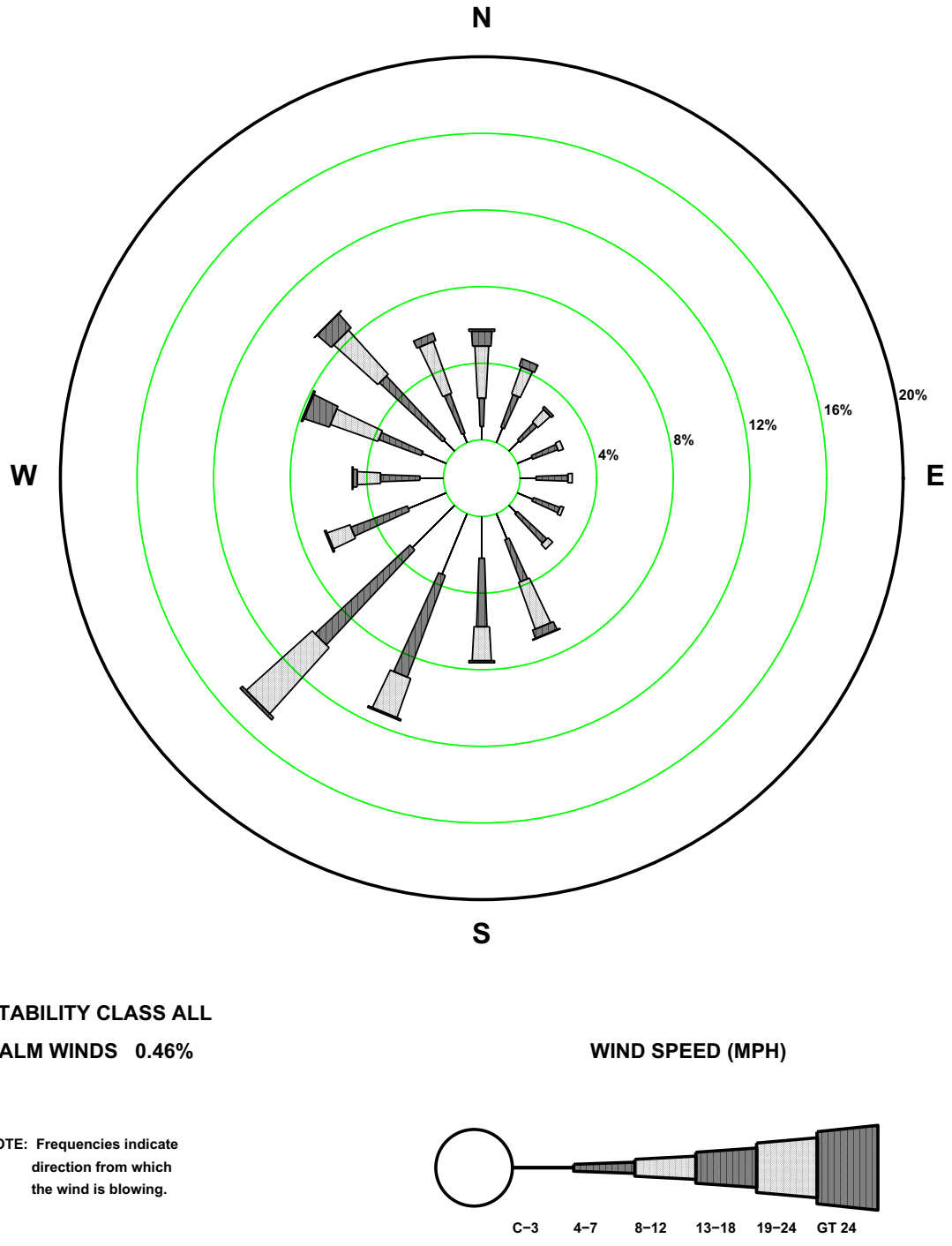

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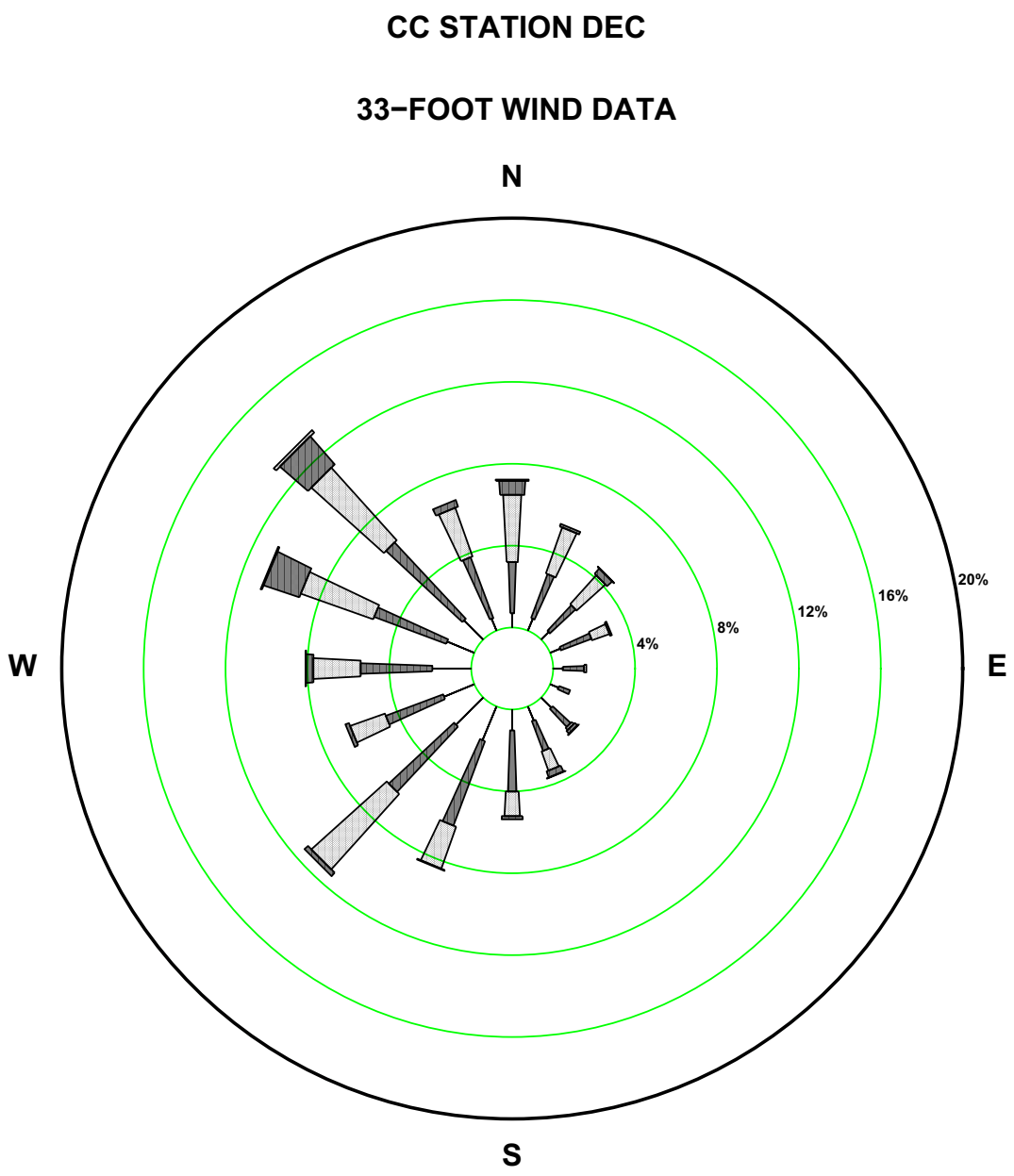
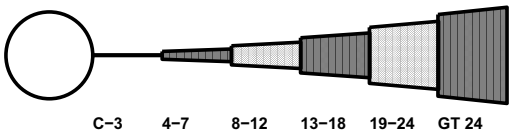
Figure 2.7-185—{CCNPP 33 ft December Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.35%

WIND SPEED (MPH)



NOTE: Frequencies indicate direction from which the wind is blowing.

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Figure 2.7-186—{CCNPP 197 ft Annual Wind Rose}

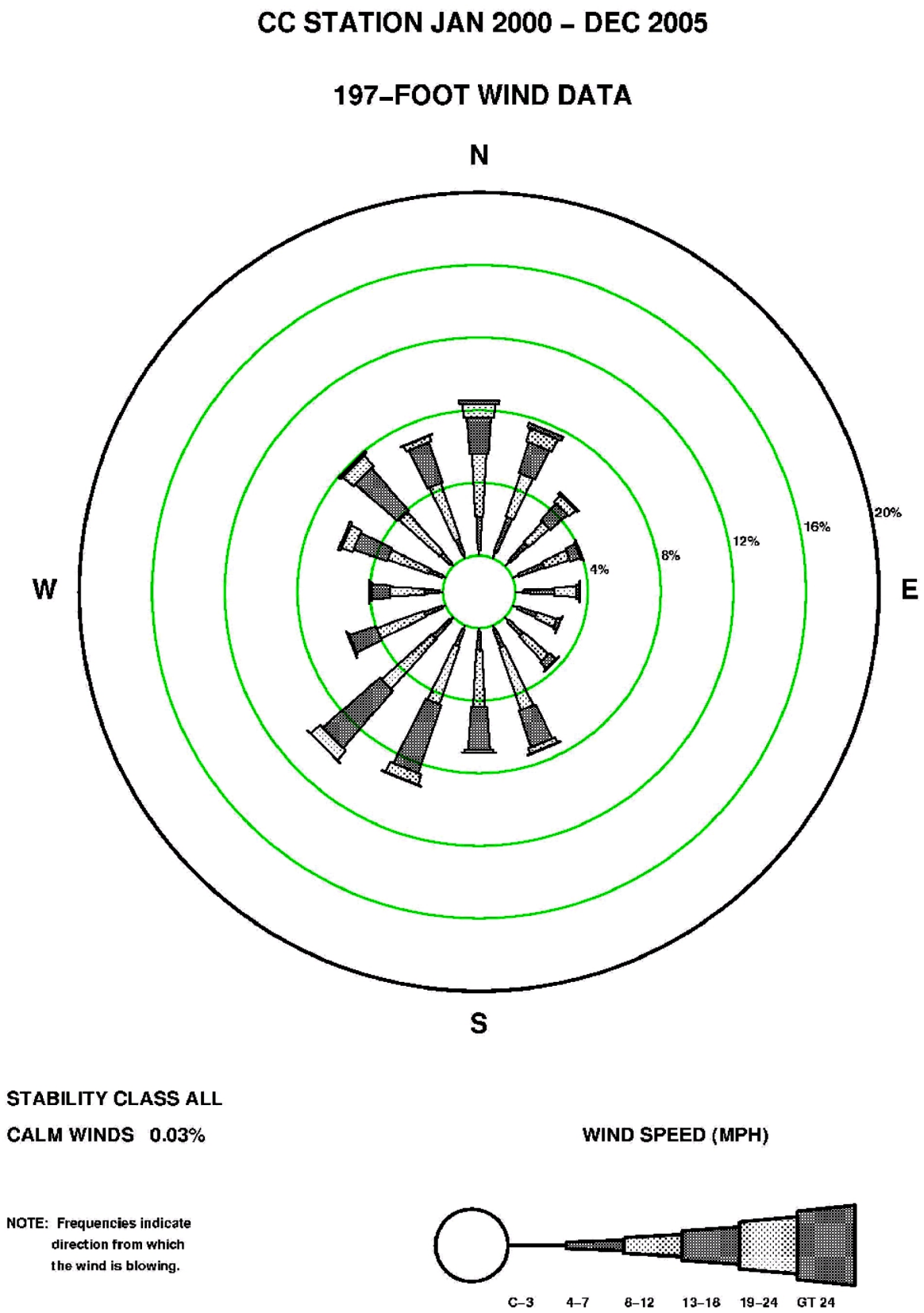

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Figure 2.7-187—{CCNPP 197 ft January Wind Rose}

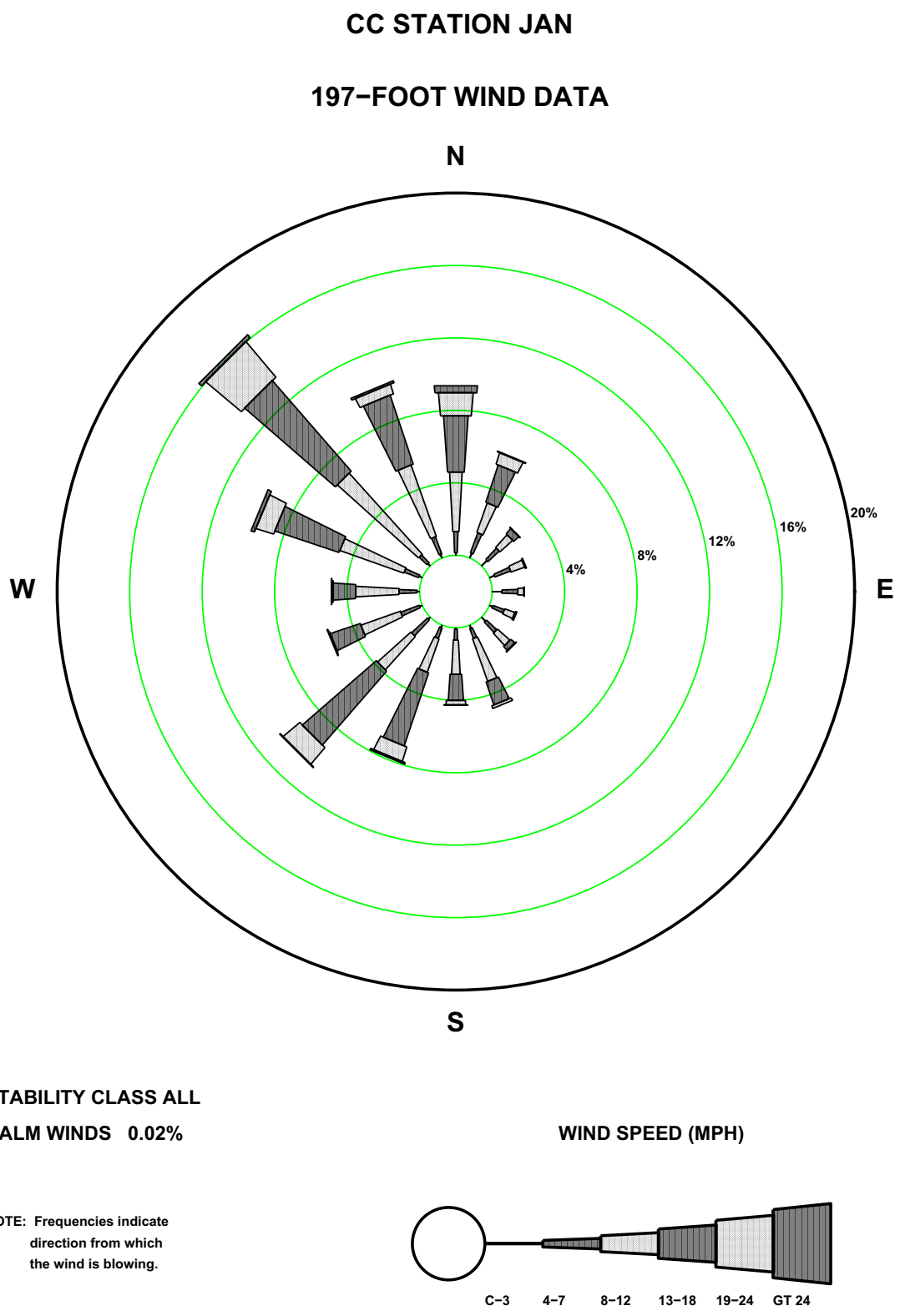

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Figure 2.7-188—{CCNPP 197 ft February Wind Rose}

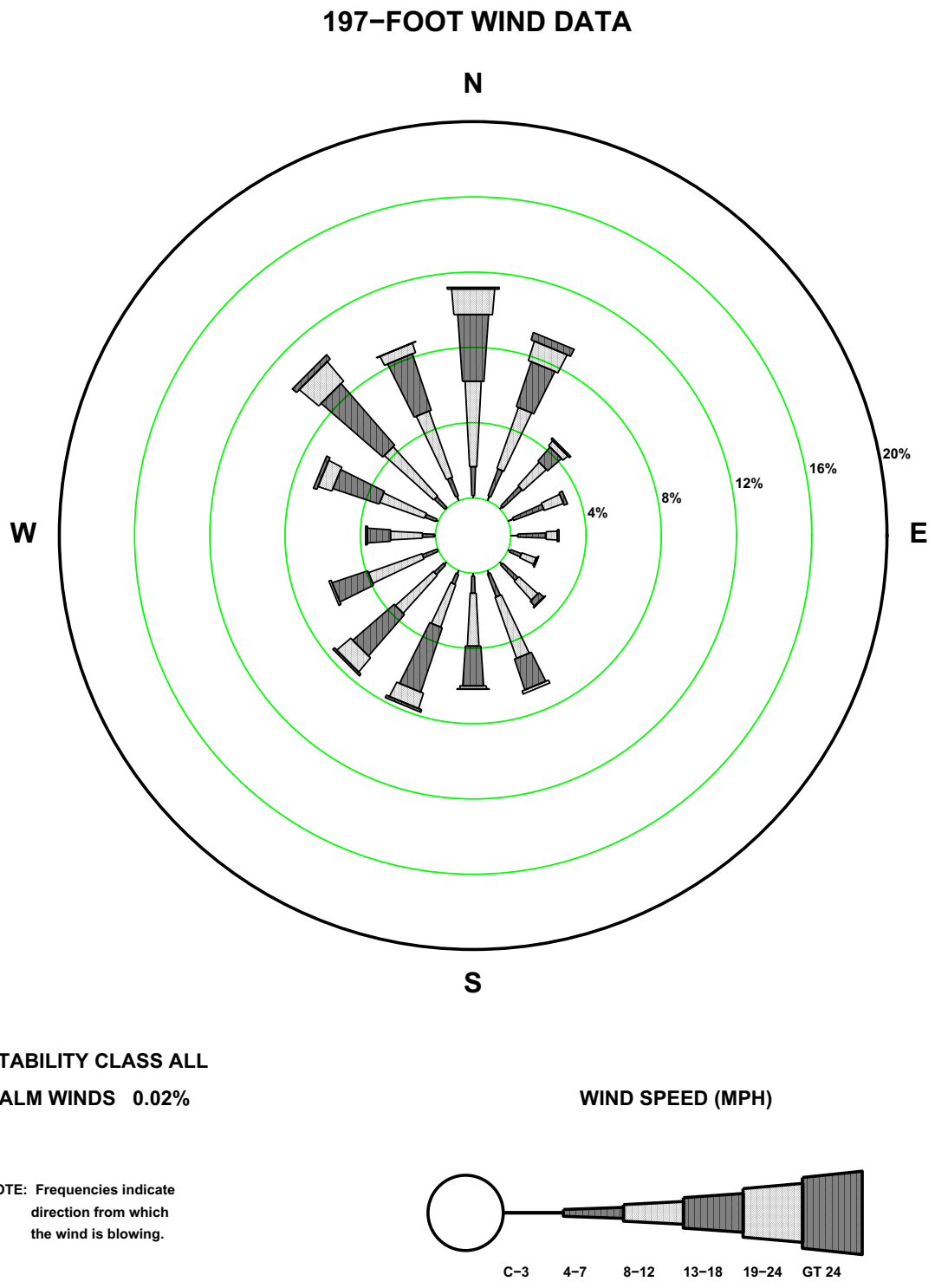

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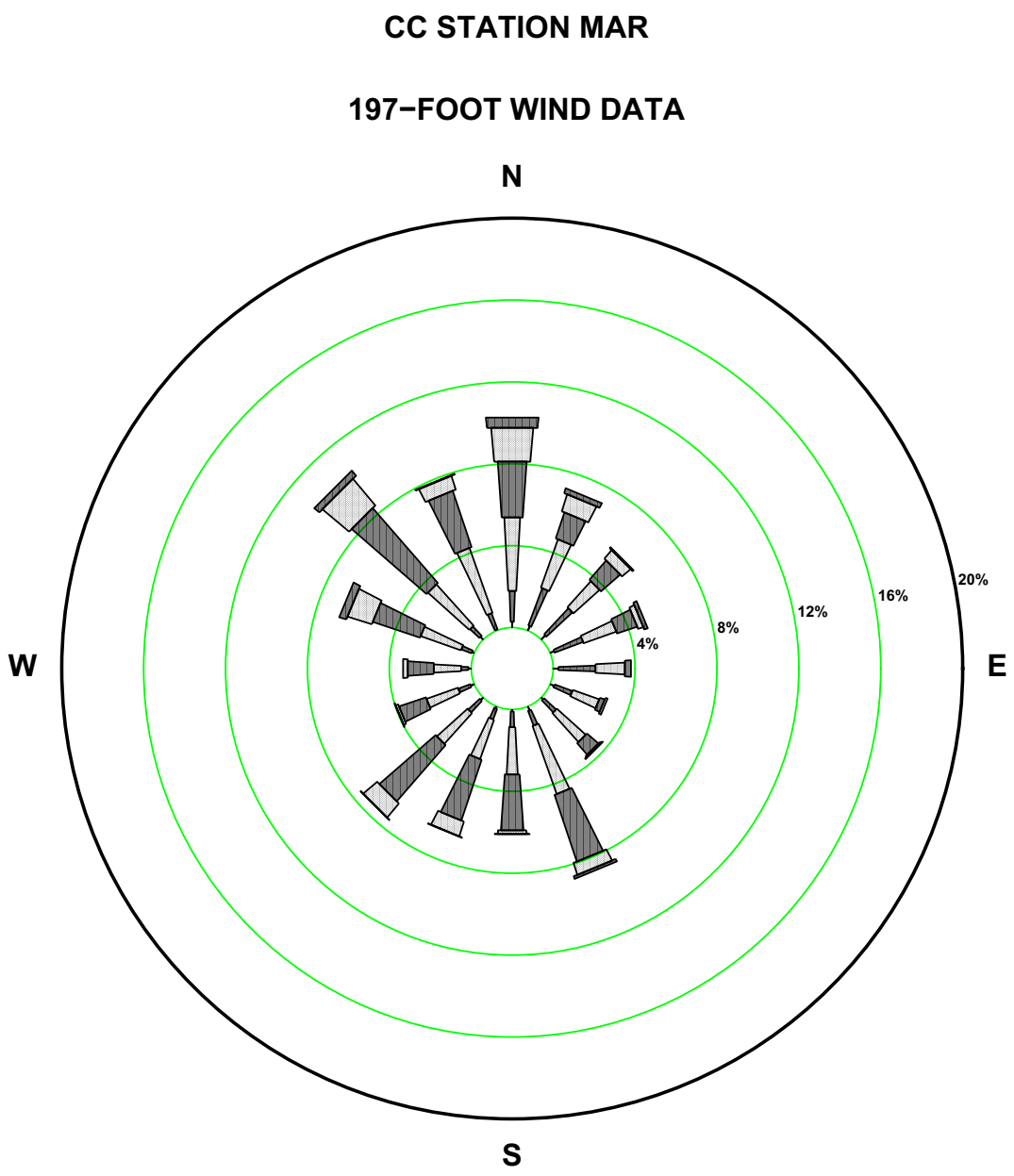
Figure 2.7-189—{CCNPP 197 ft March Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.00%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

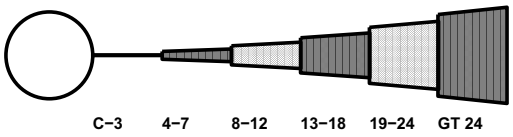


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Figure 2.7-190—{CCNPP 197 ft April Wind Rose}

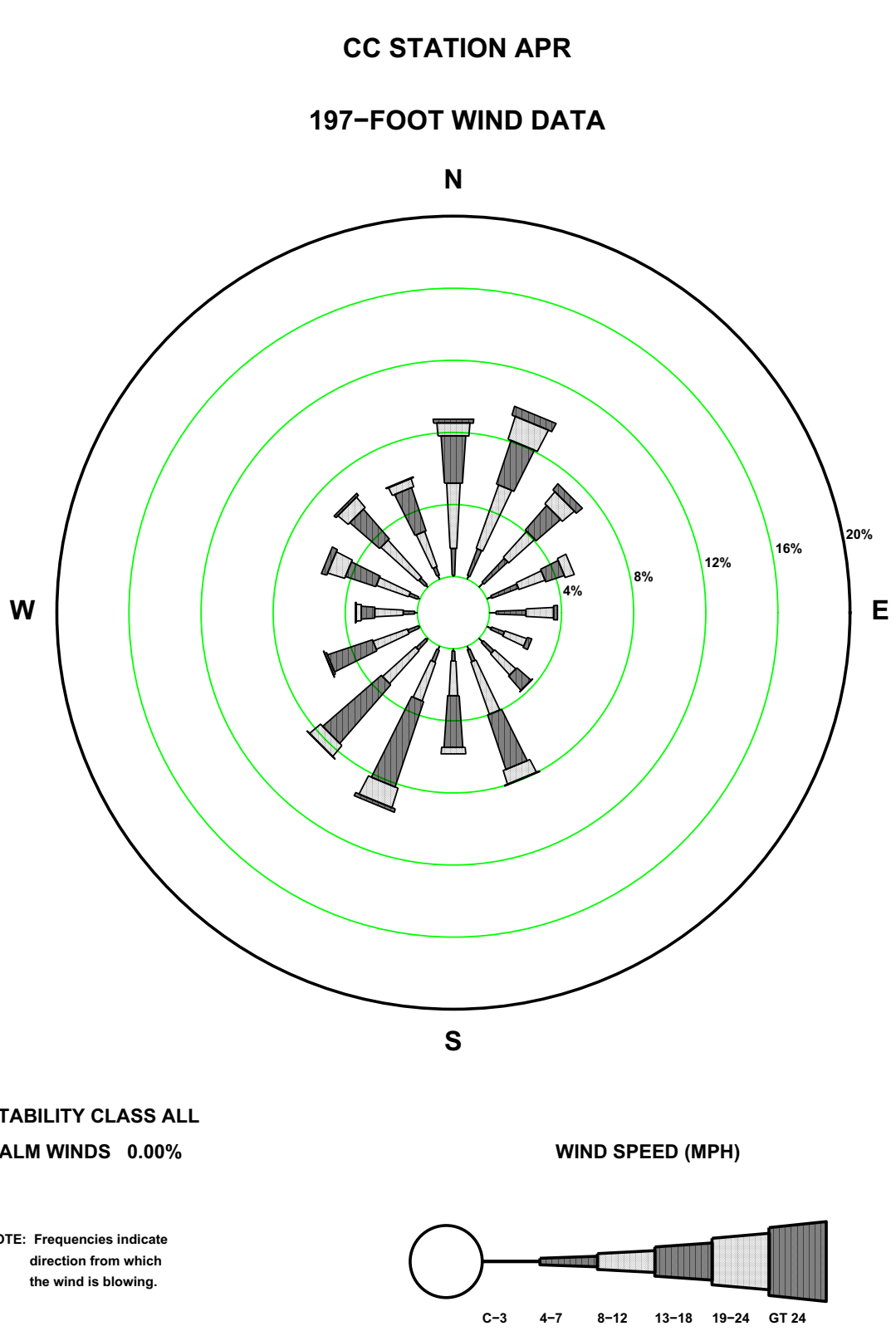

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Figure 2.7-191—{CCNPP 197 ft May Wind Rose}

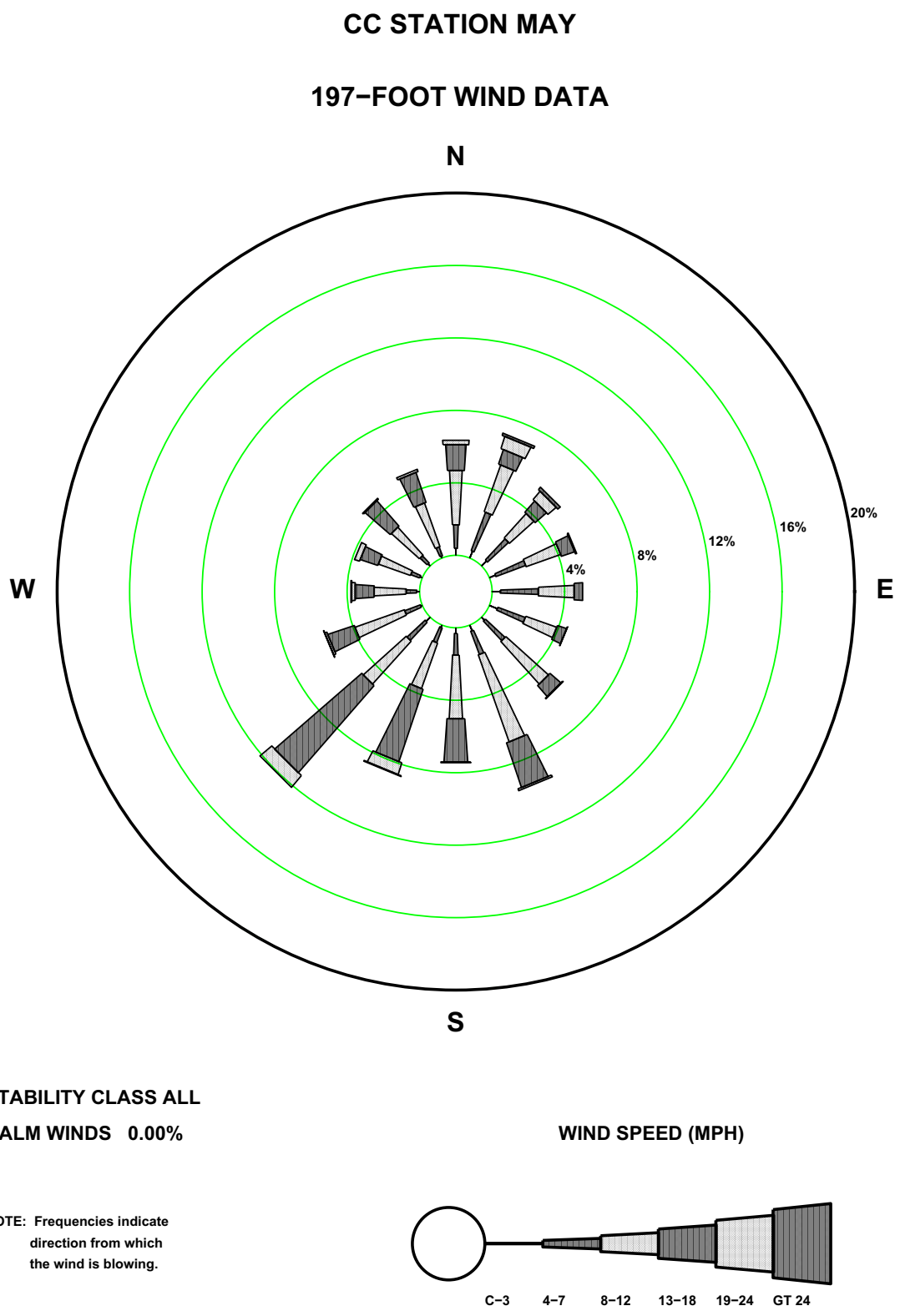

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Figure 2.7-192—{CCNPP 197 ft June Wind Rose}

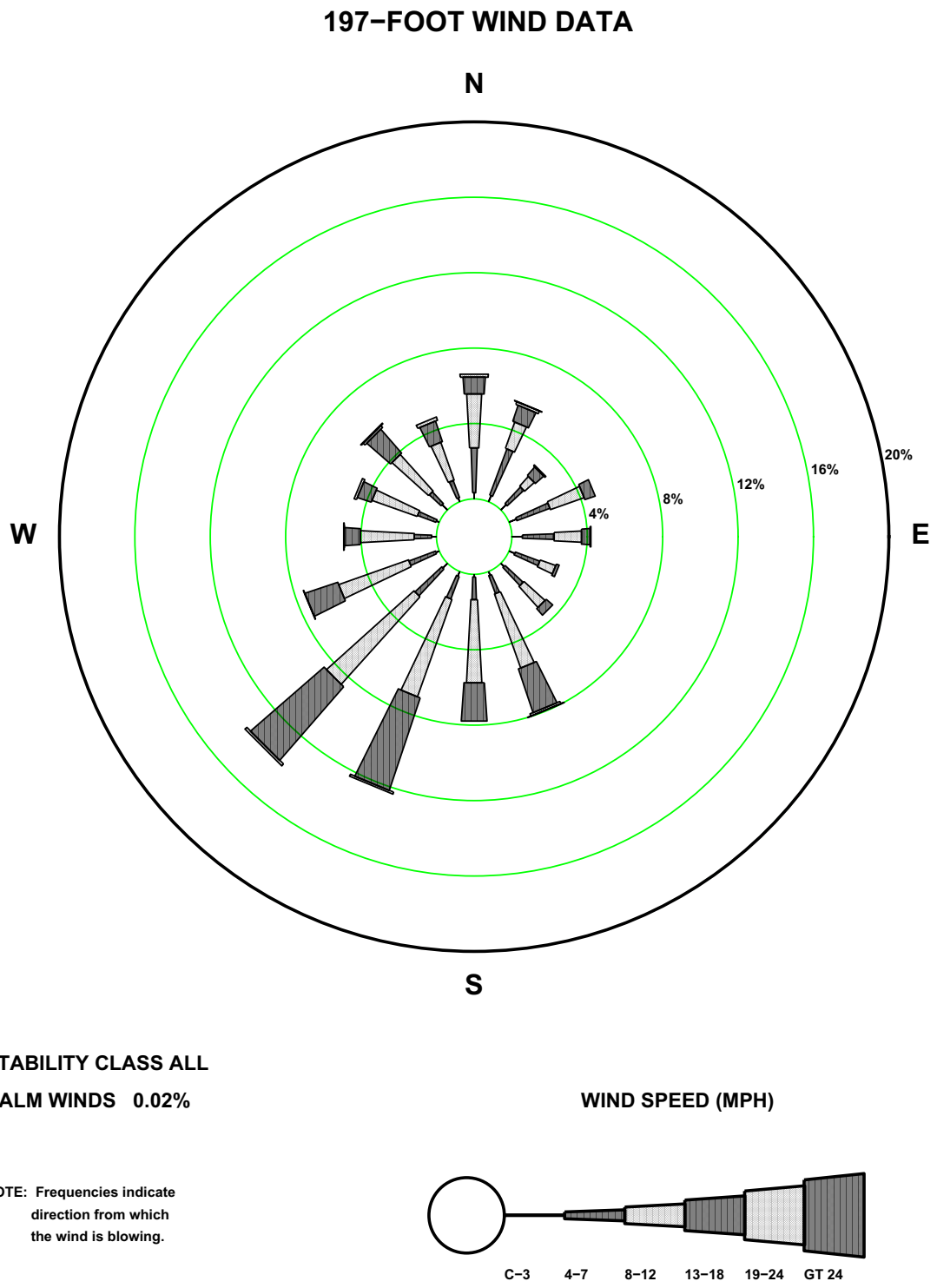

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Figure 2.7-193—{CCNPP 197 ft July Wind Rose}

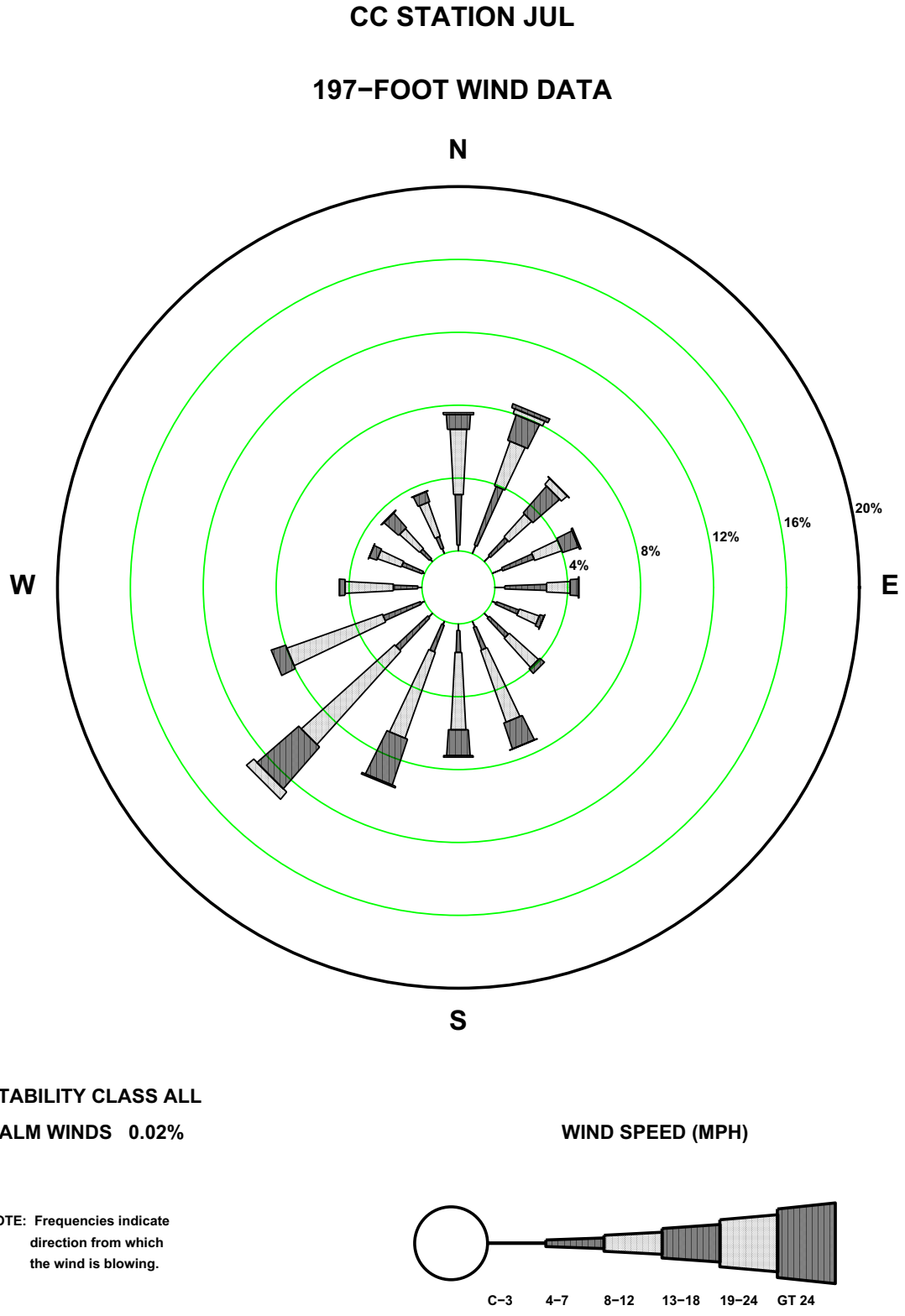

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Figure 2.7-194—{CCNPP 197 ft August Wind Rose}

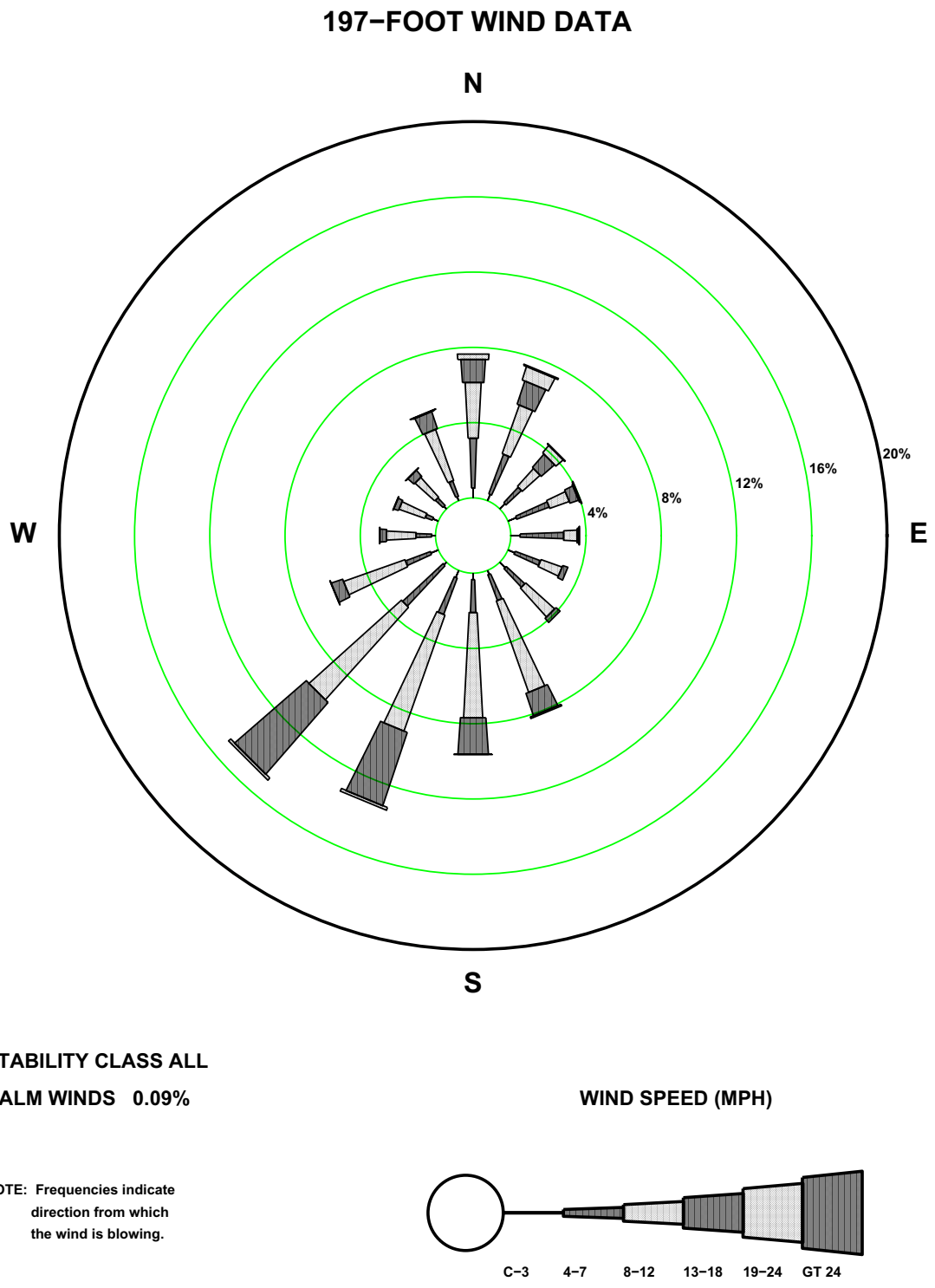

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Figure 2.7-195—{CCNPP 197 ft September Wind Rose}

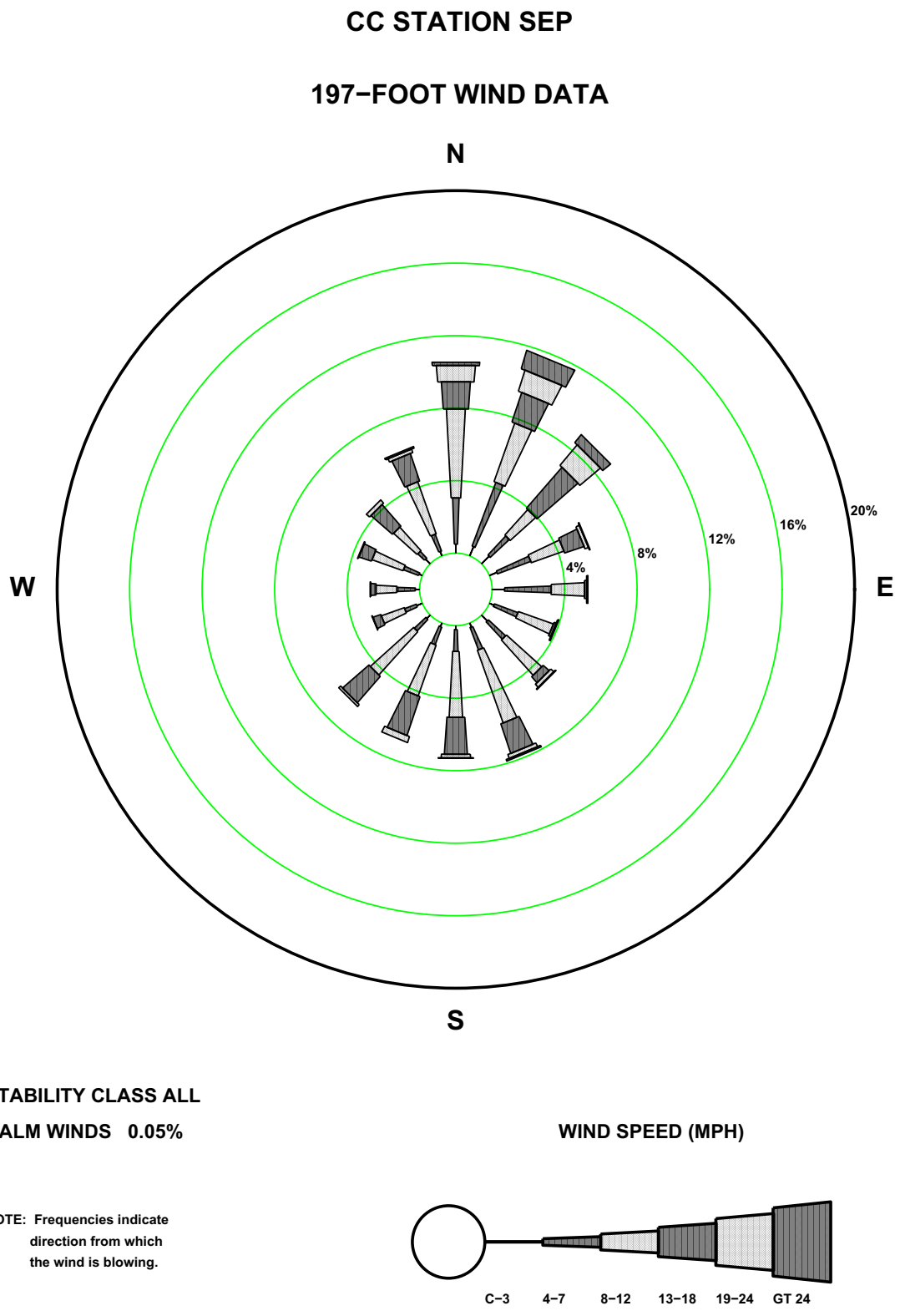

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Figure 2.7-196—{CCNPP 197 ft October Wind Rose}

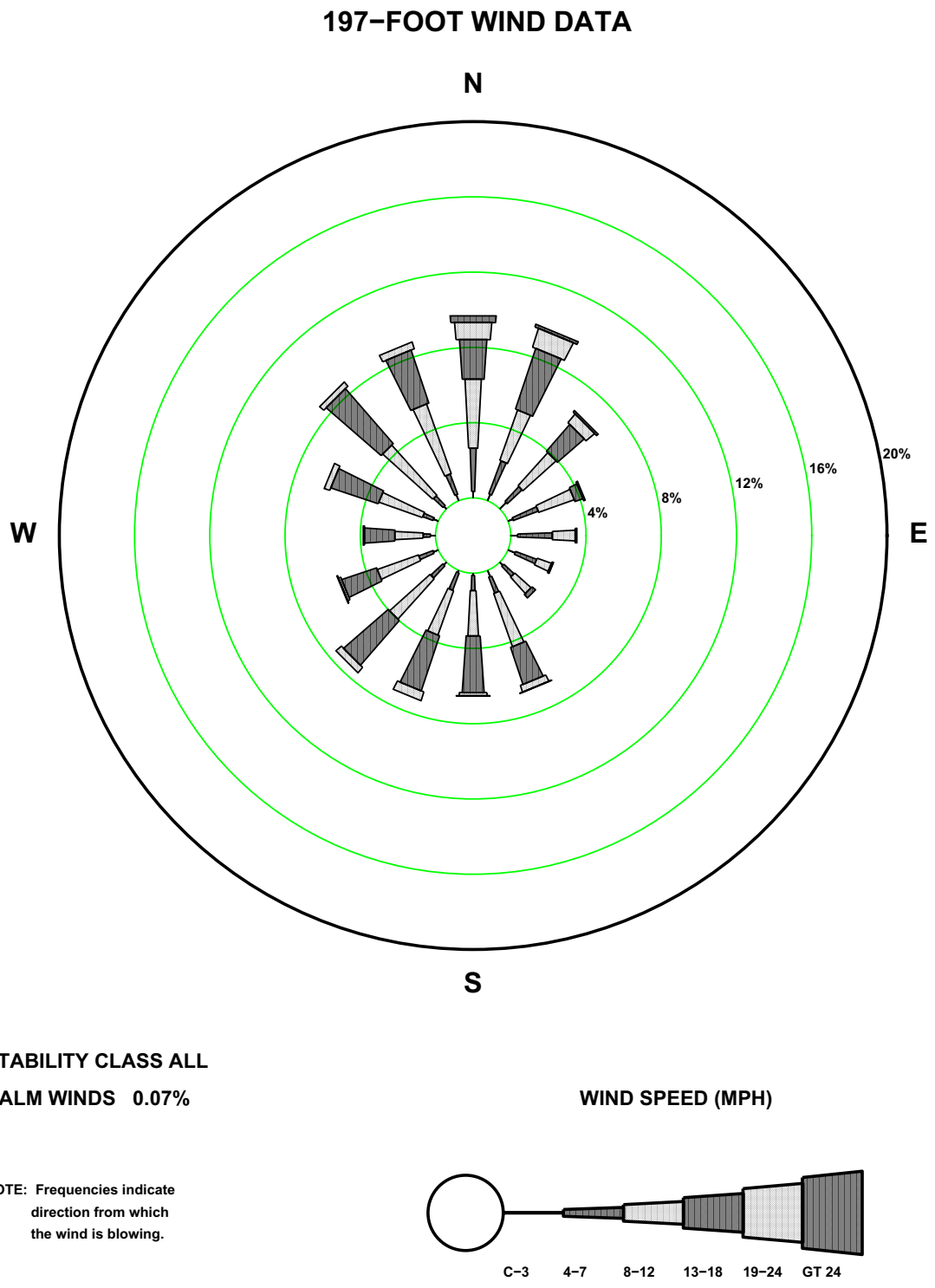

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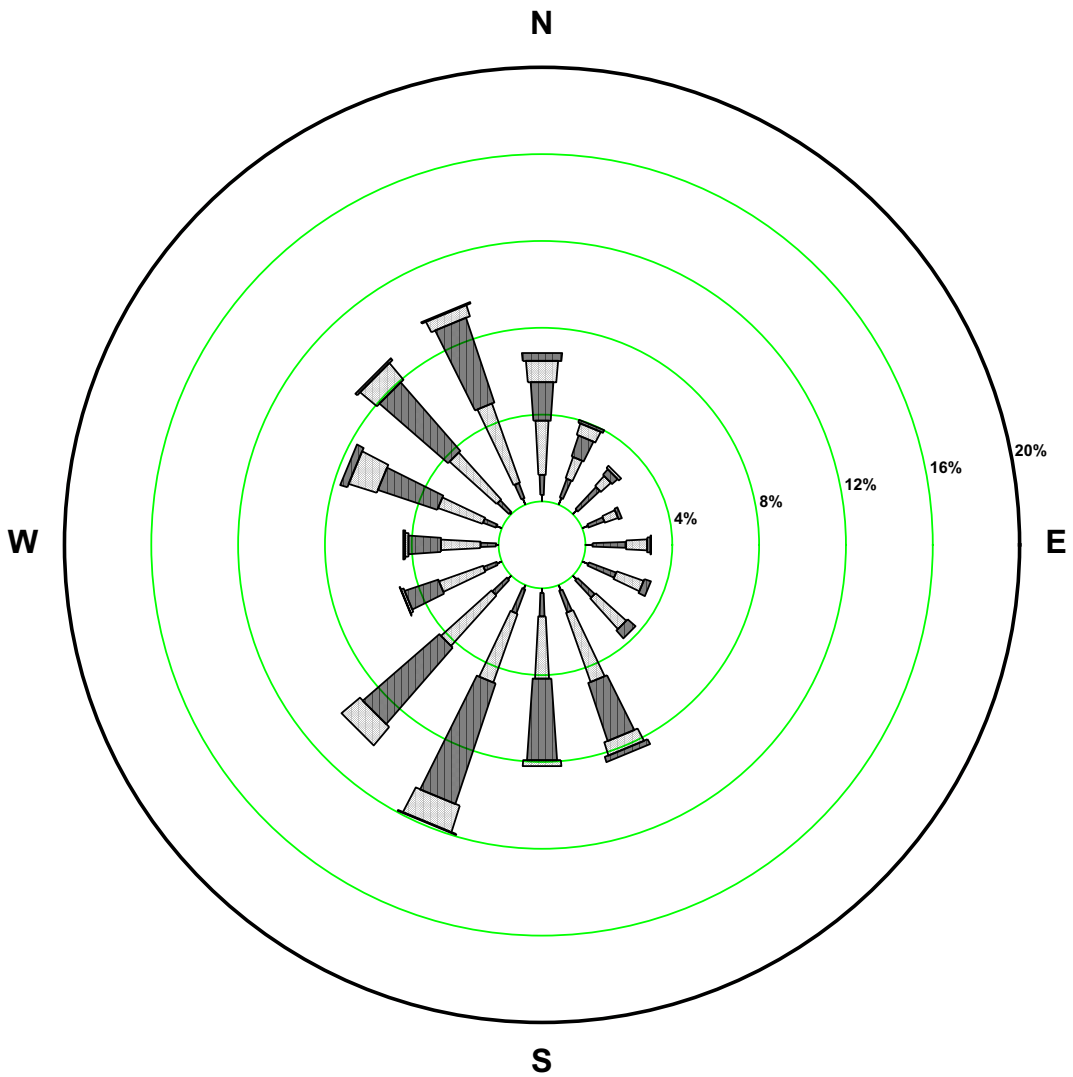
Figure 2.7-197—{CCNPP 197 ft November Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.05%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

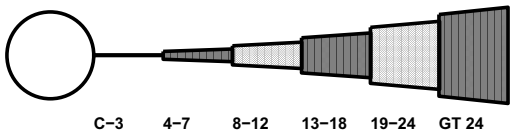


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Figure 2.7-198—{CCNPP 197 ft December Wind Rose}

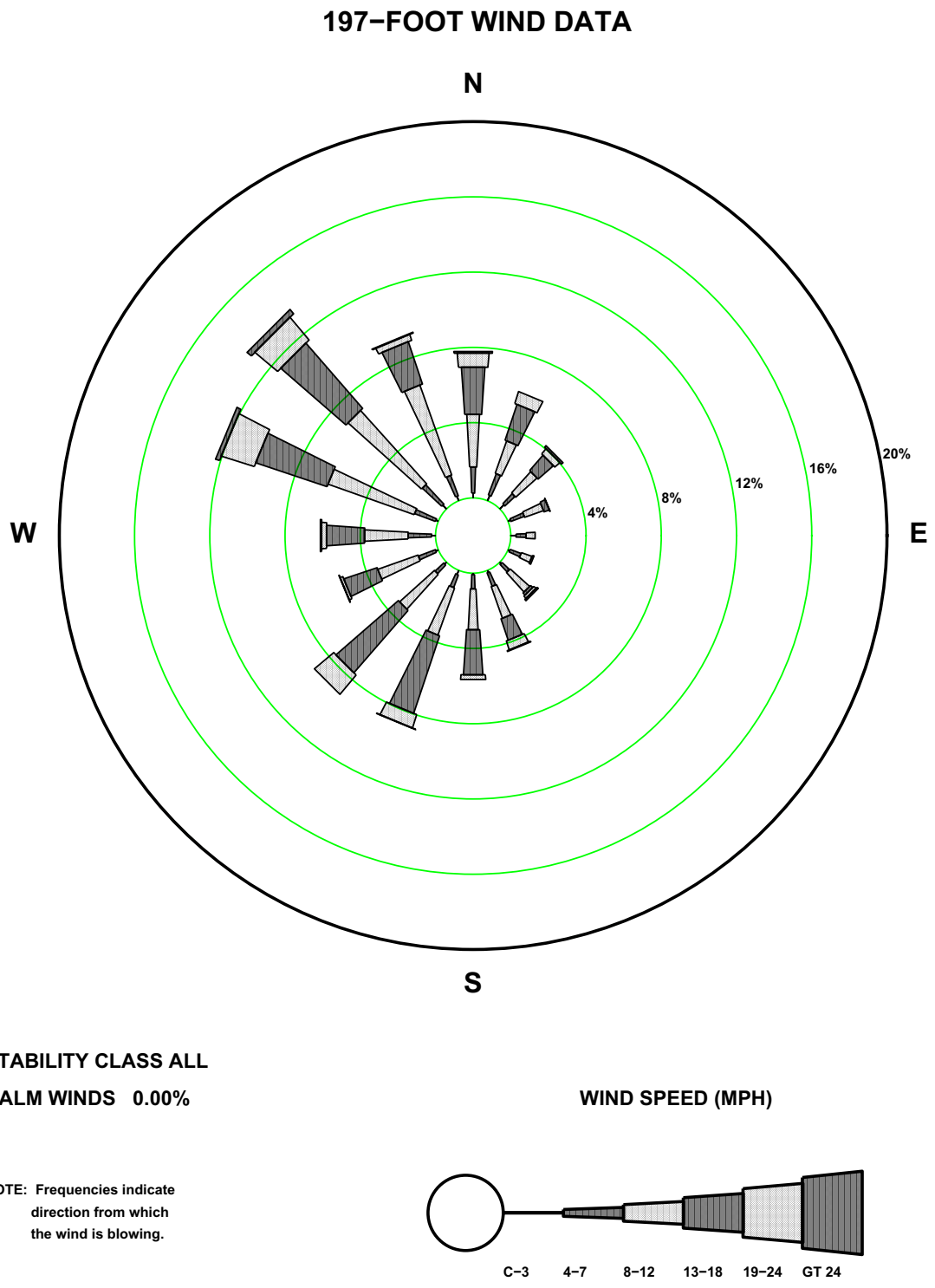

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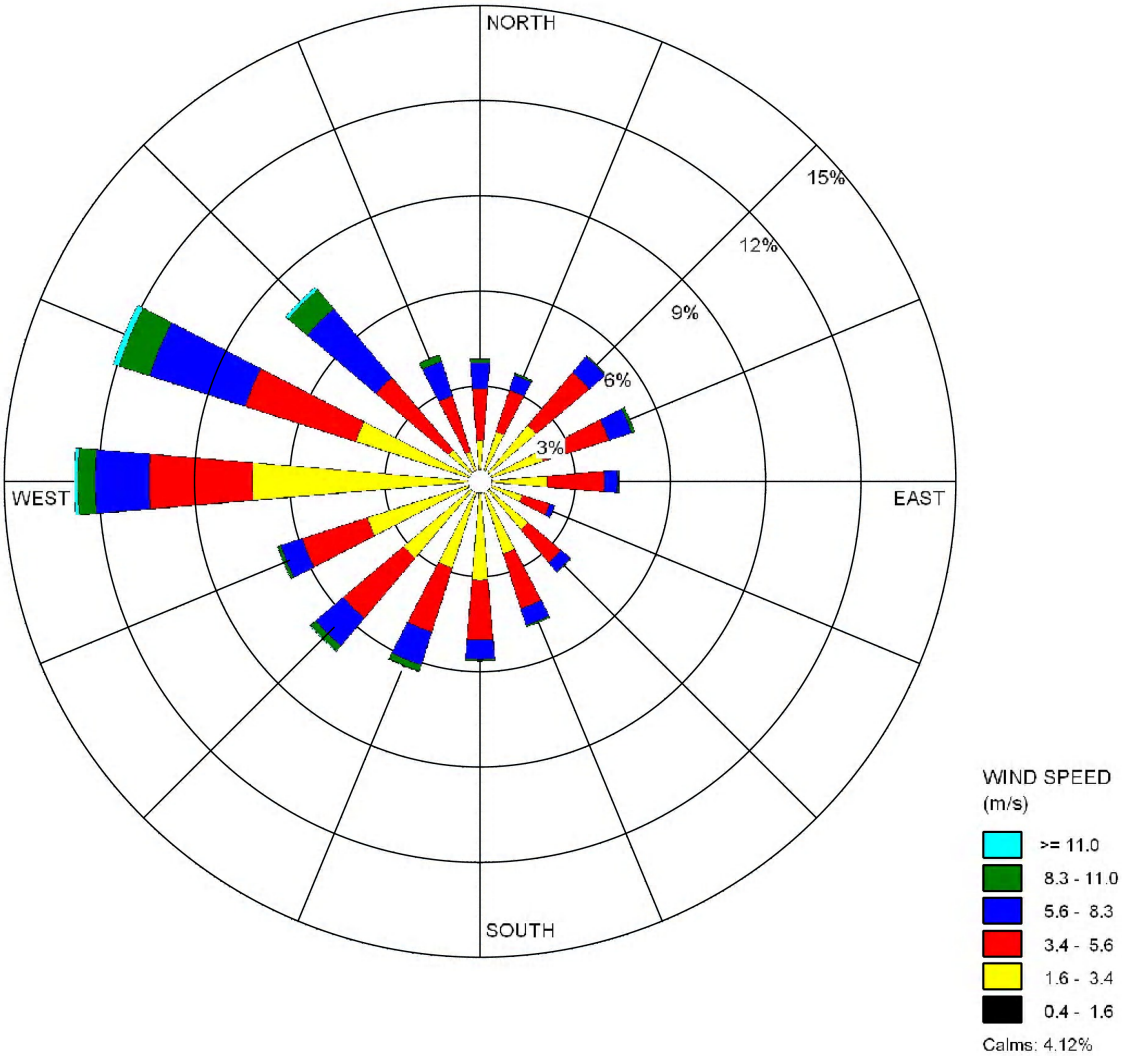
Figure 2.7-199—{BWI Annual Wind Rose}



DATA PERIOD: 1984,1985,1986,1987,1988,1990,1991,1992 Jan 1 - Dec 31 (00:00-23:00)		
CALM WINDS: 4.12 %	AVG. WIND SPEED: 3.92 m/s	
TOTAL COUNT: 70152 hrs	DATE: 1/3/2007	

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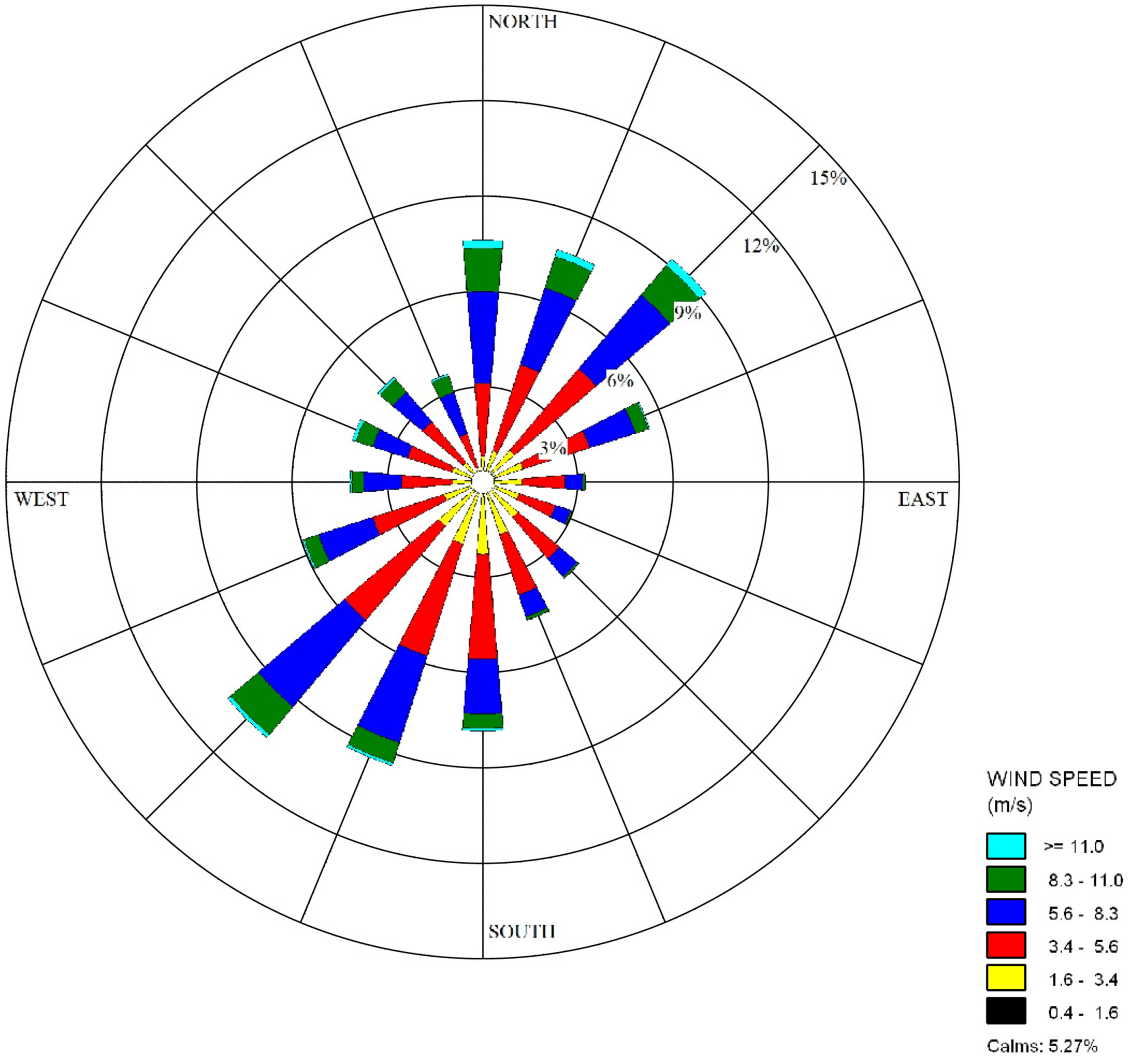
Figure 2.7-200—{Norfolk Annual Wind Rose}



DATA PERIOD: 1984,1985,1986,1987,1988,1989,1990,1991,1992 Jan 1 - Dec 31 (00:00-23:00)		
CALM WINDS: 5.27 %	AVG. WIND SPEED: 4.92 m/s	
TOTAL COUNT: 78912 hrs	DATE: 11/30/2006	

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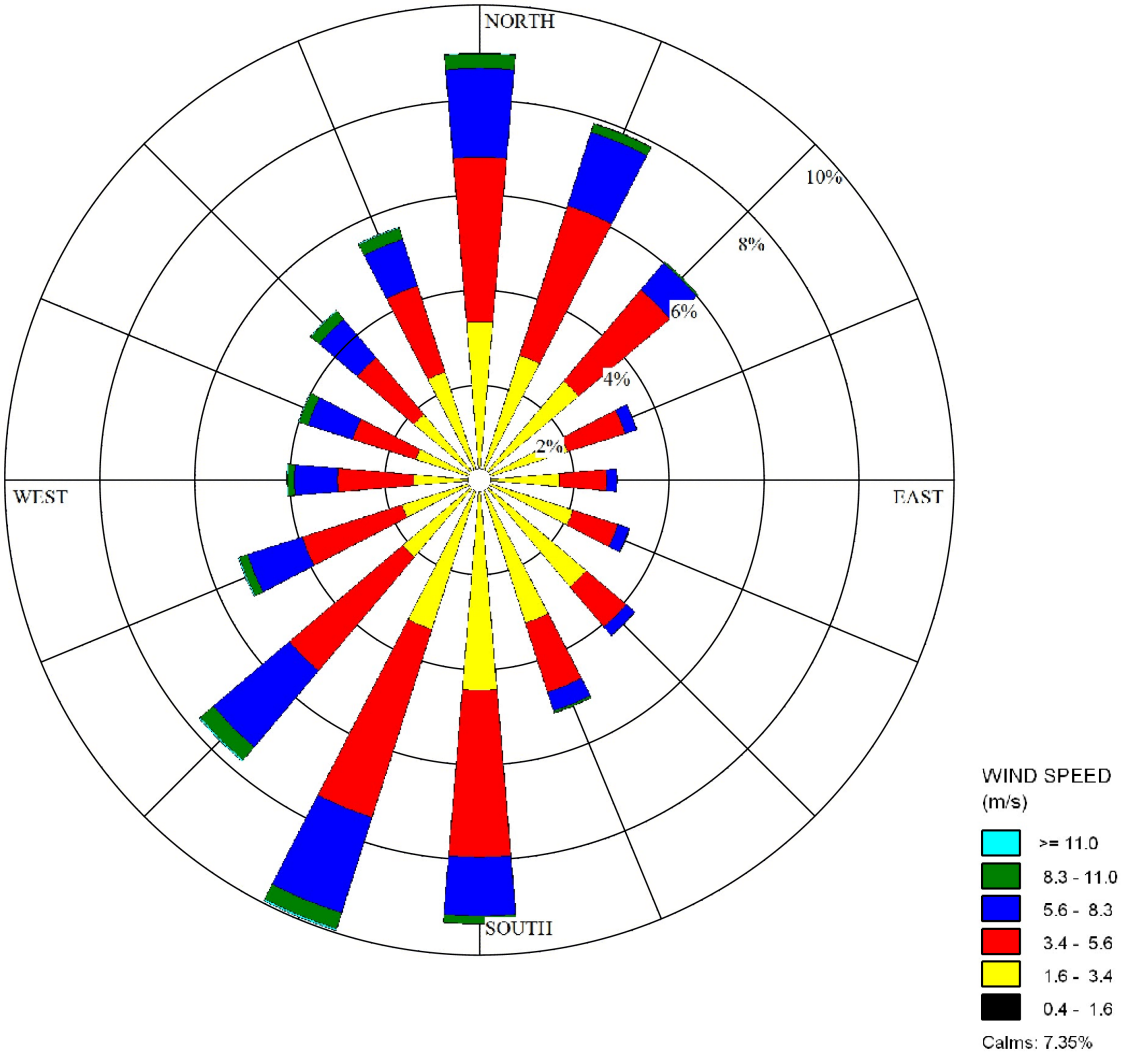
Figure 2.7-201—{Richmond Annual Wind Rose}



DATA PERIOD: 1984,1985,1986,1987,1988,1989,1990,1991,1992 Jan 1 - Dec 31 (00:00-23:00)		
CALM WINDS: 7.35 %	AVG. WIND SPEED: 3.70 m/s	
TOTAL COUNT: 78912 hrs	DATE: 11/30/2006	

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Figure 2.7-202—{Maximum Terrain Heights 0-5 Miles Downwind of CCNPP by Compass Sector}

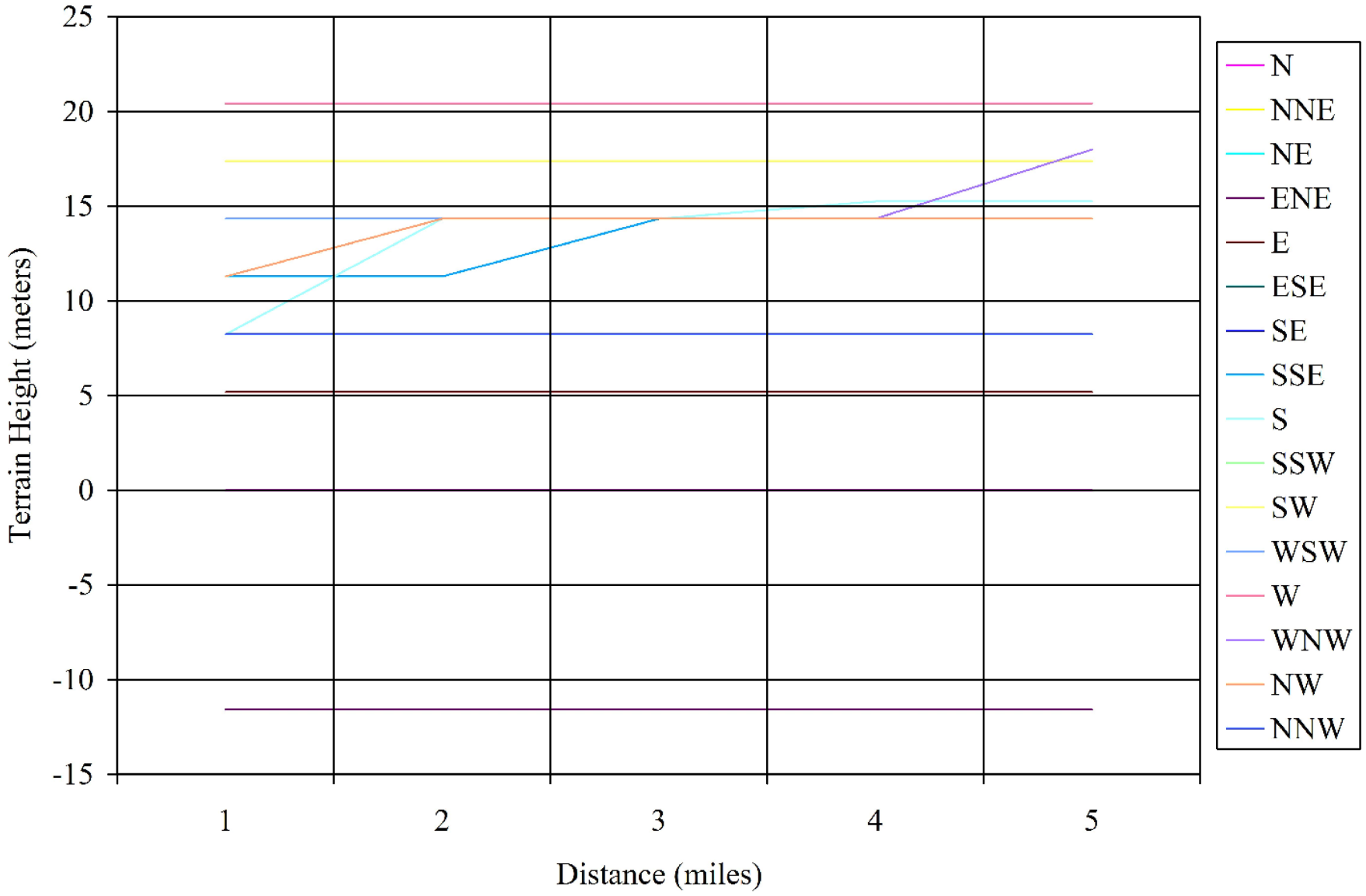

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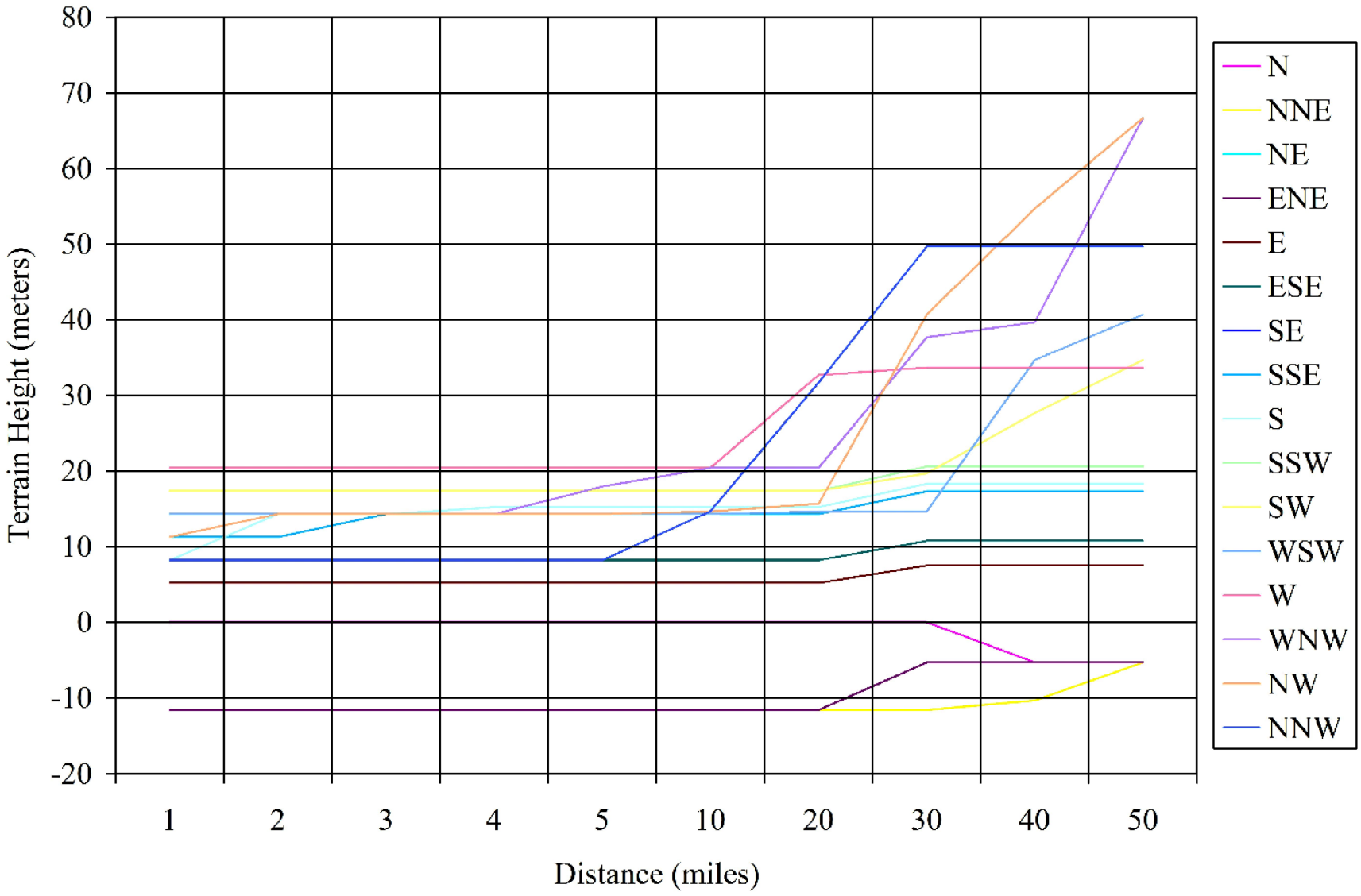
Figure 2.7-203—{Maximum Terrain Heights 0-50 Miles Downwind of CCNPP by Compass Sector}



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