Figure 2.7-1—{Ozone Concentration for Maryland Counties}

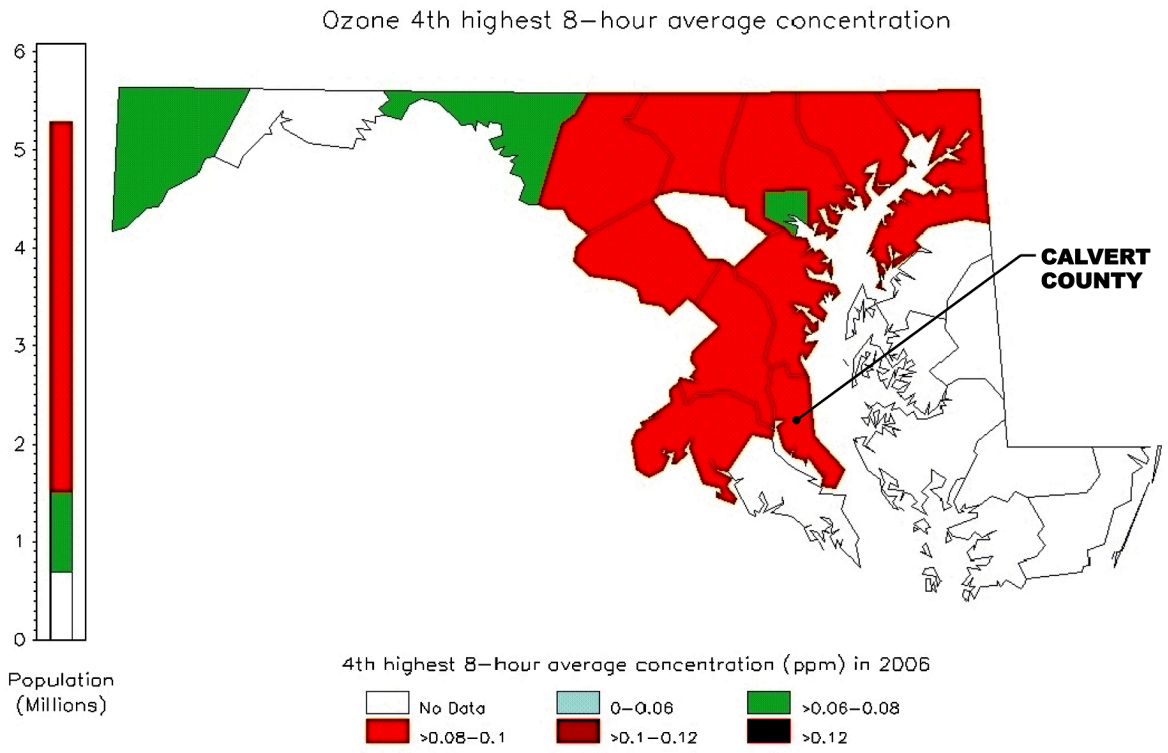

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Figure 2.7-2—{Annual Average Number of Tornadoes, 1950-1995}

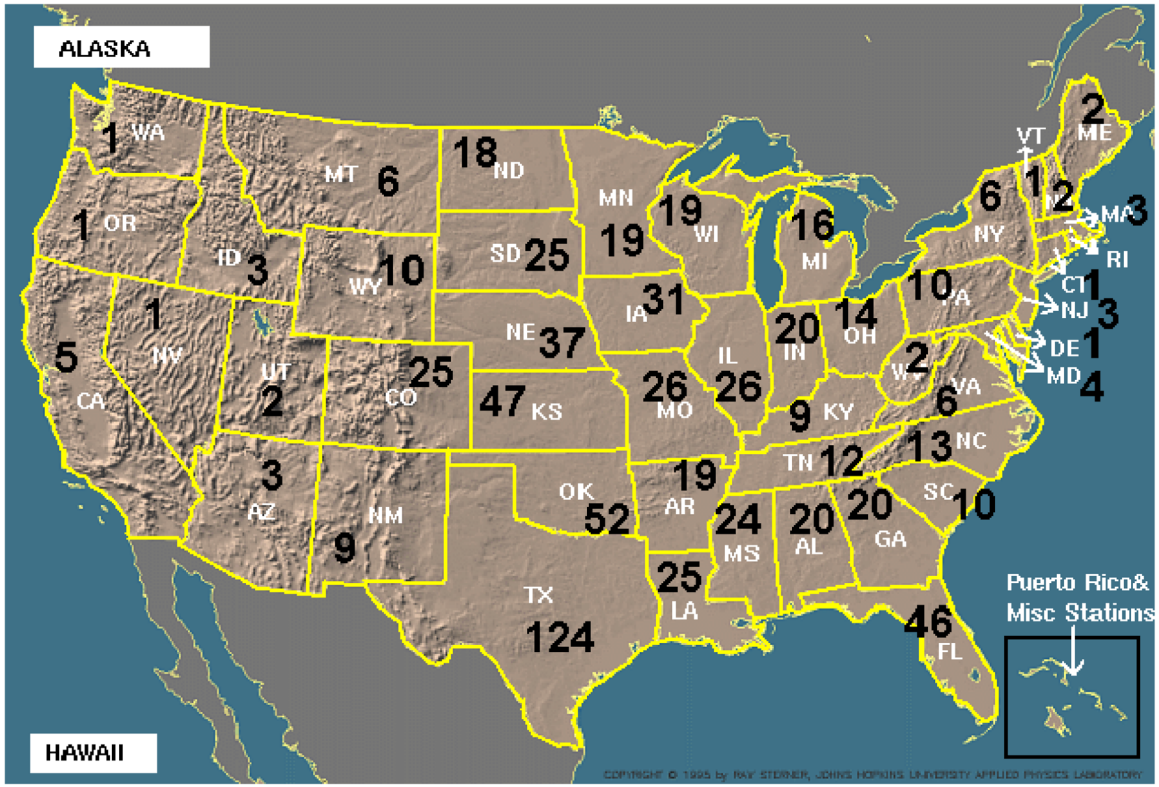

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Figure 2.7-3—{Average Number of Strong Violent (F2-F5) Tornadoes, 1950-1995}

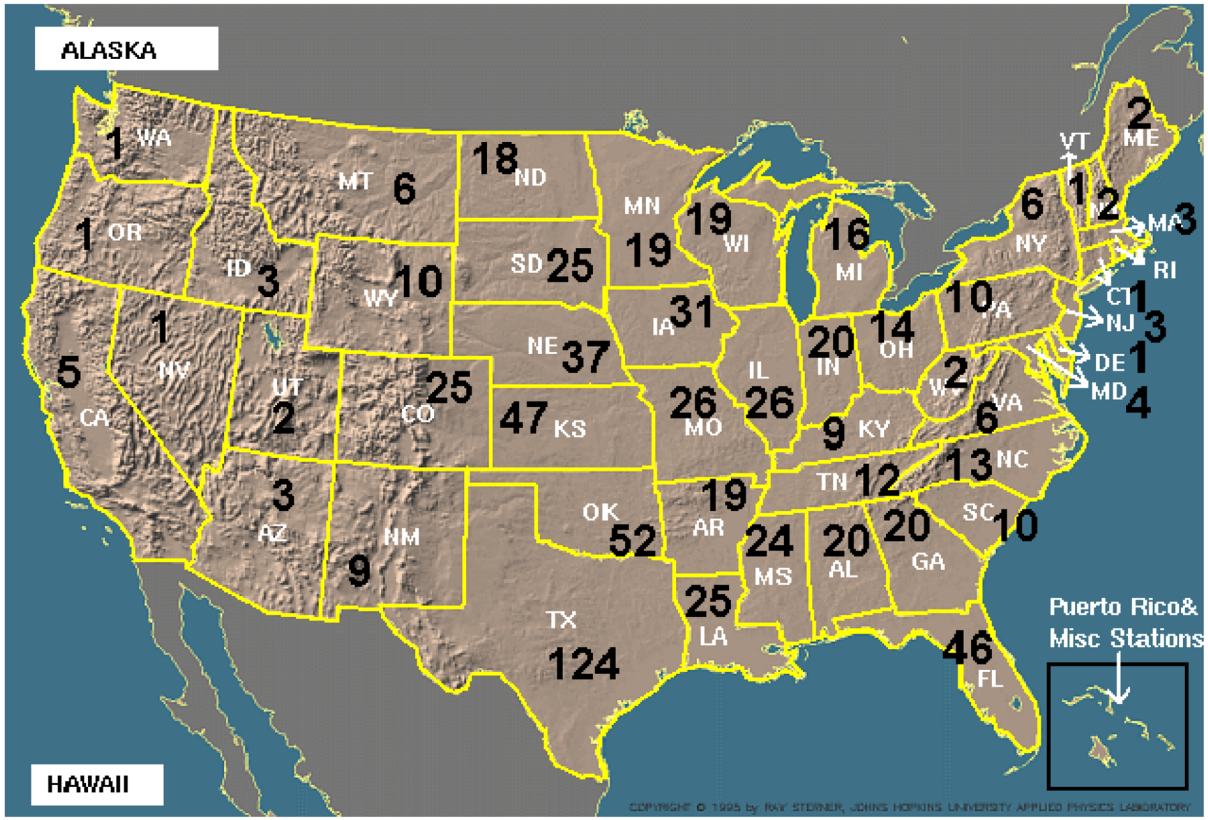

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Figure 2.7-4—{Date of Maximum Tornado Threat}

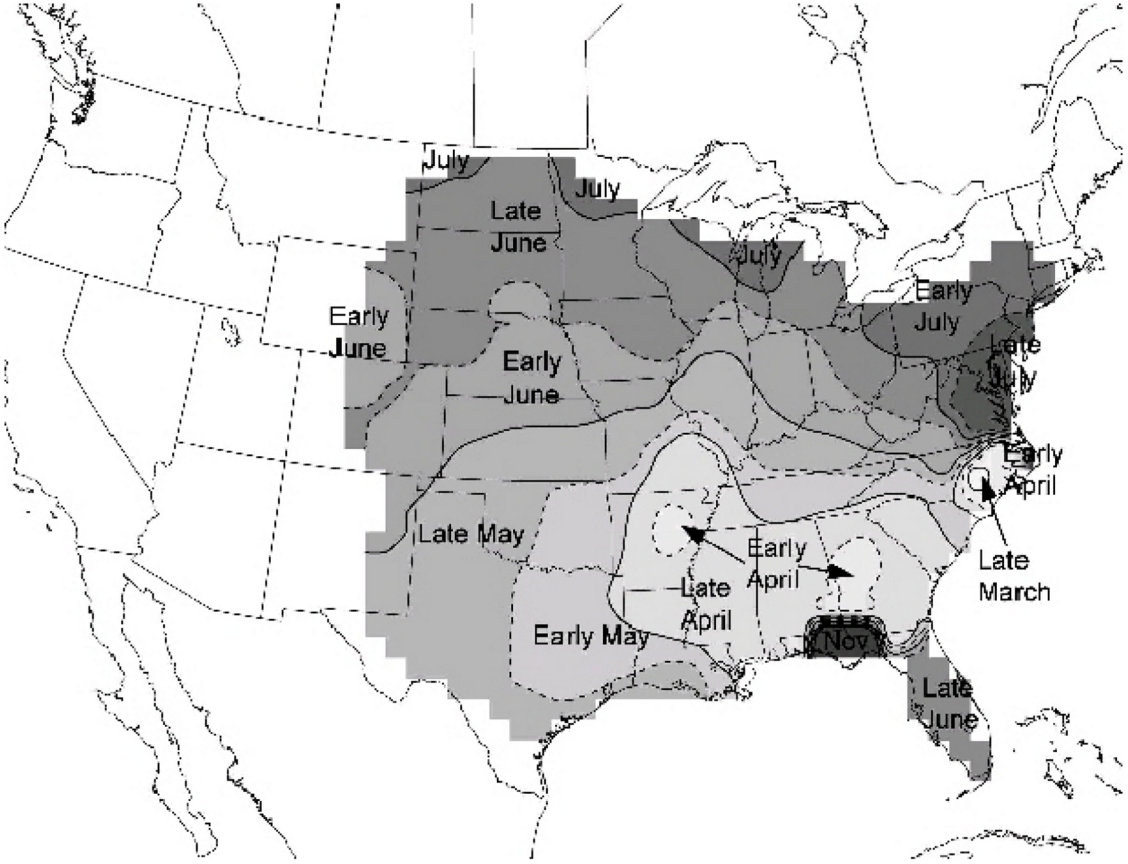

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Figure 2.7-5—{Five-Year Lightning Flash Density Map}

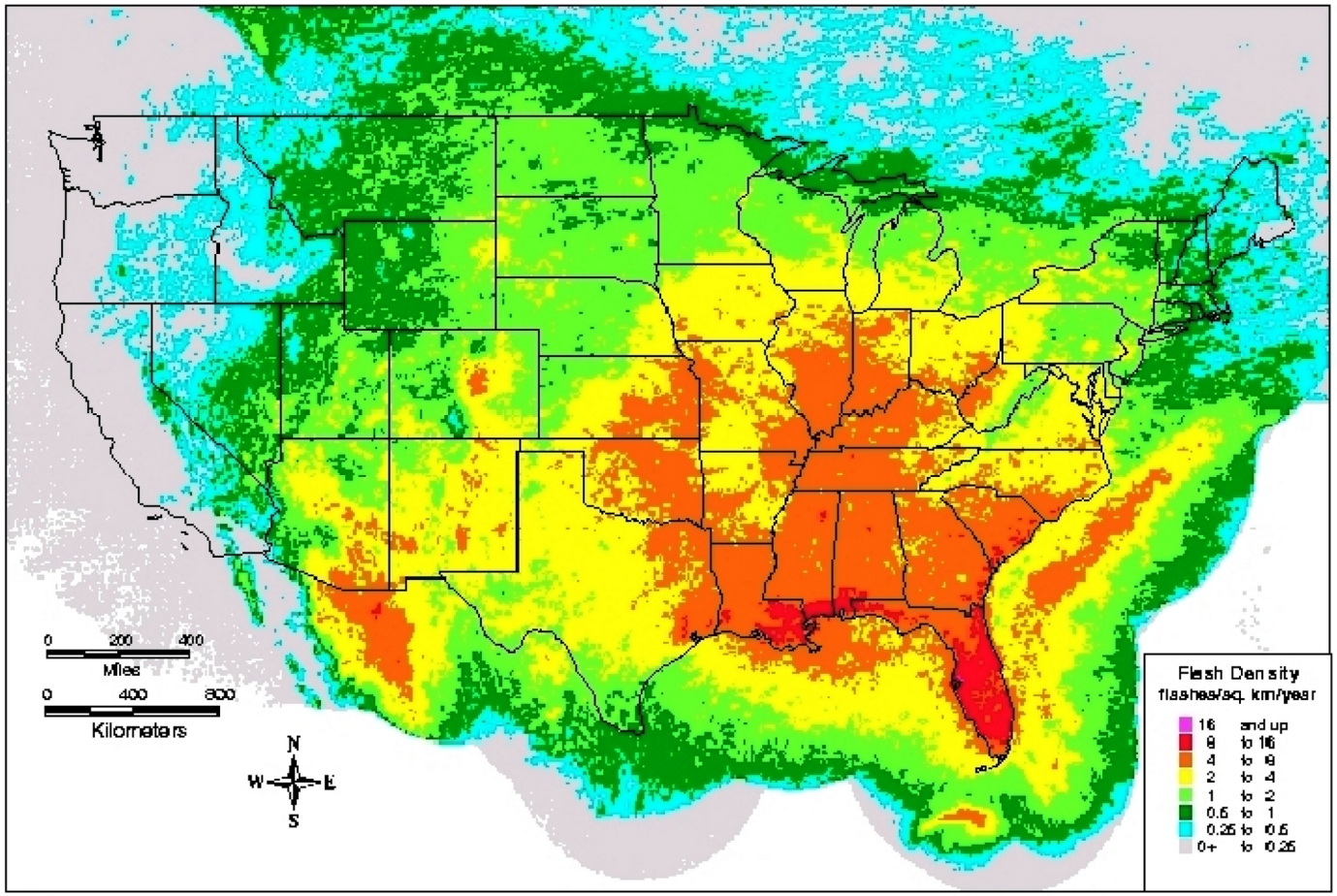

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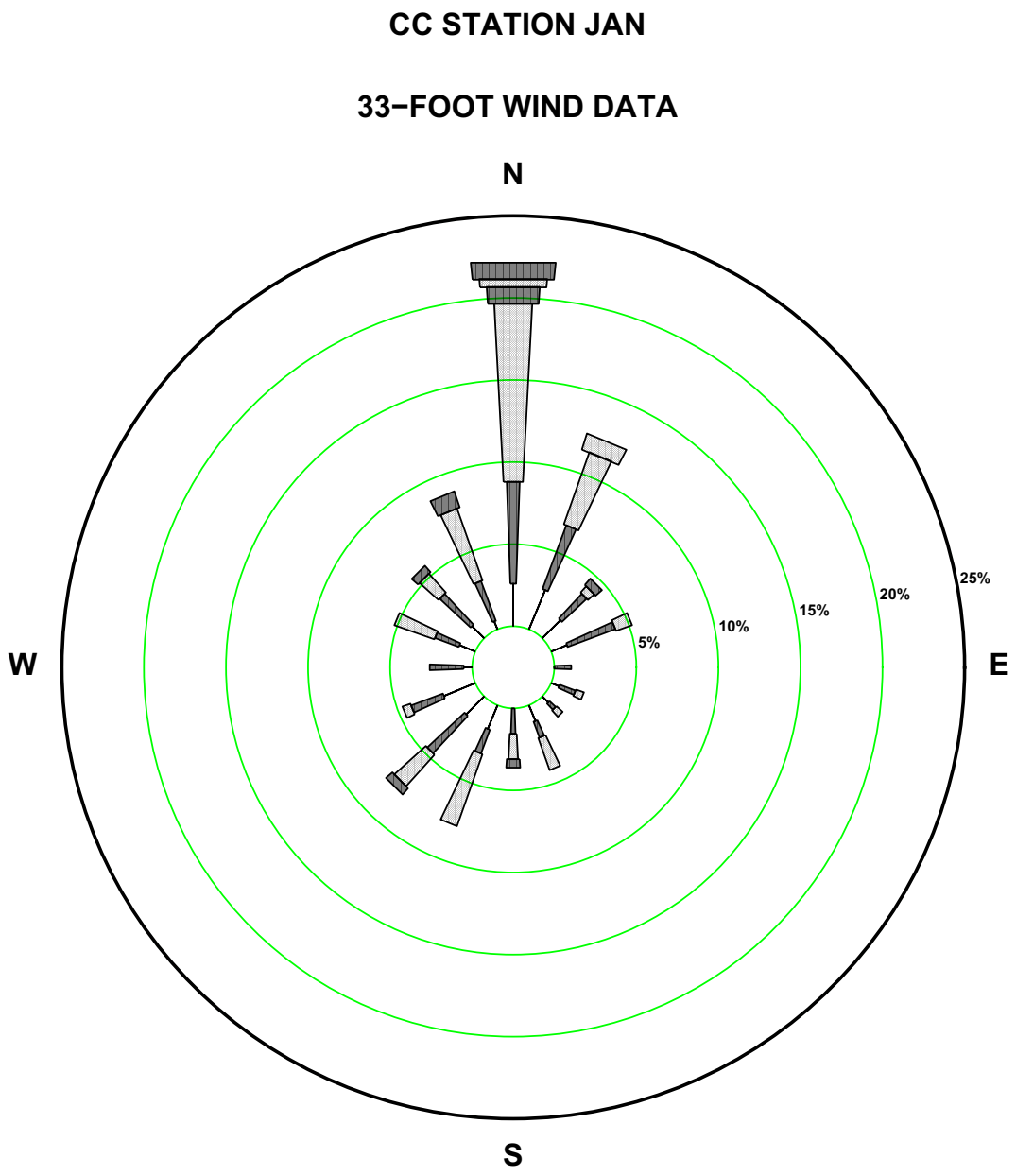
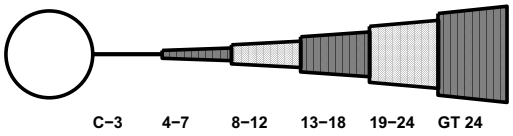
Figure 2.7-6—{CCNPP 33 ft January Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.52%

WIND SPEED (MPH)



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

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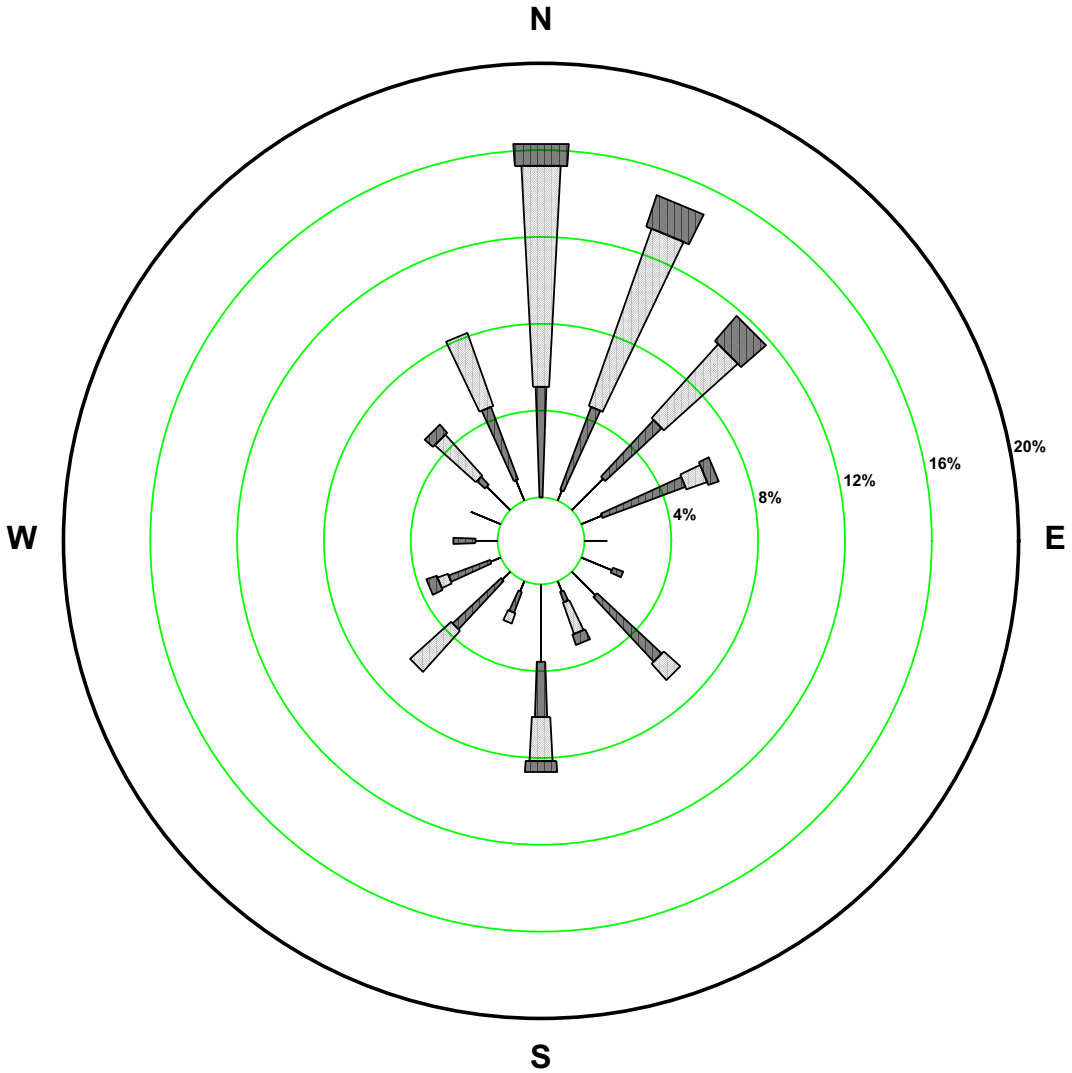
Figure 2.7-7—{CCNPP 33 ft February Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.51%

WIND SPEED (MPH)

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

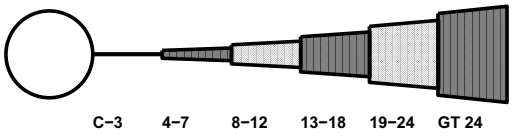


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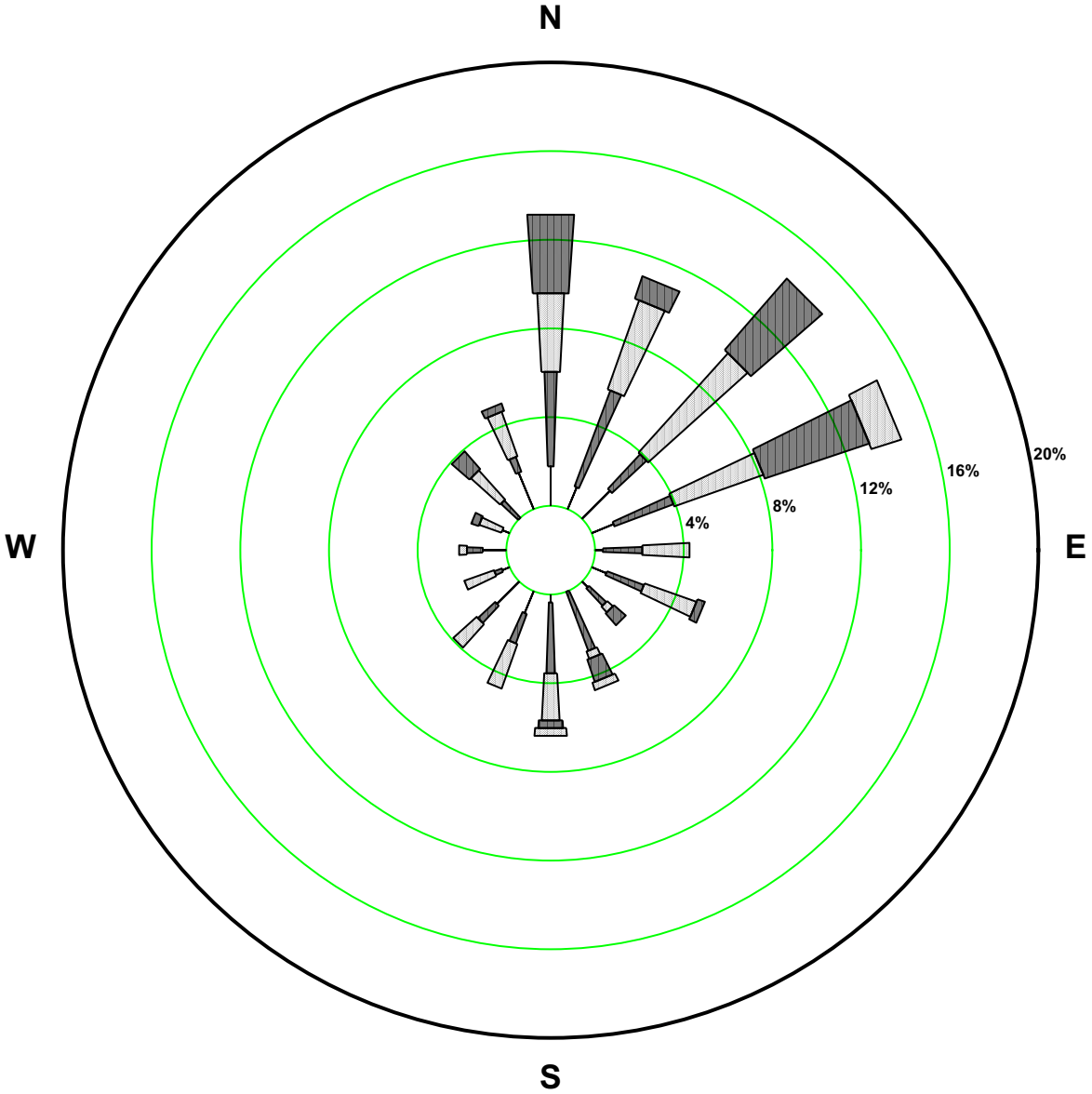
Figure 2.7-8—{CCNPP 33 ft March Precipitation Wind Rose}

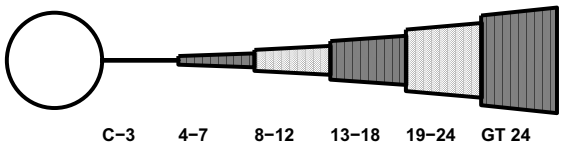
33−FOOT WIND DATA



STABILITY CLASS ALL

CALM WINDS 0.36%

WIND SPEED (MPH)



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

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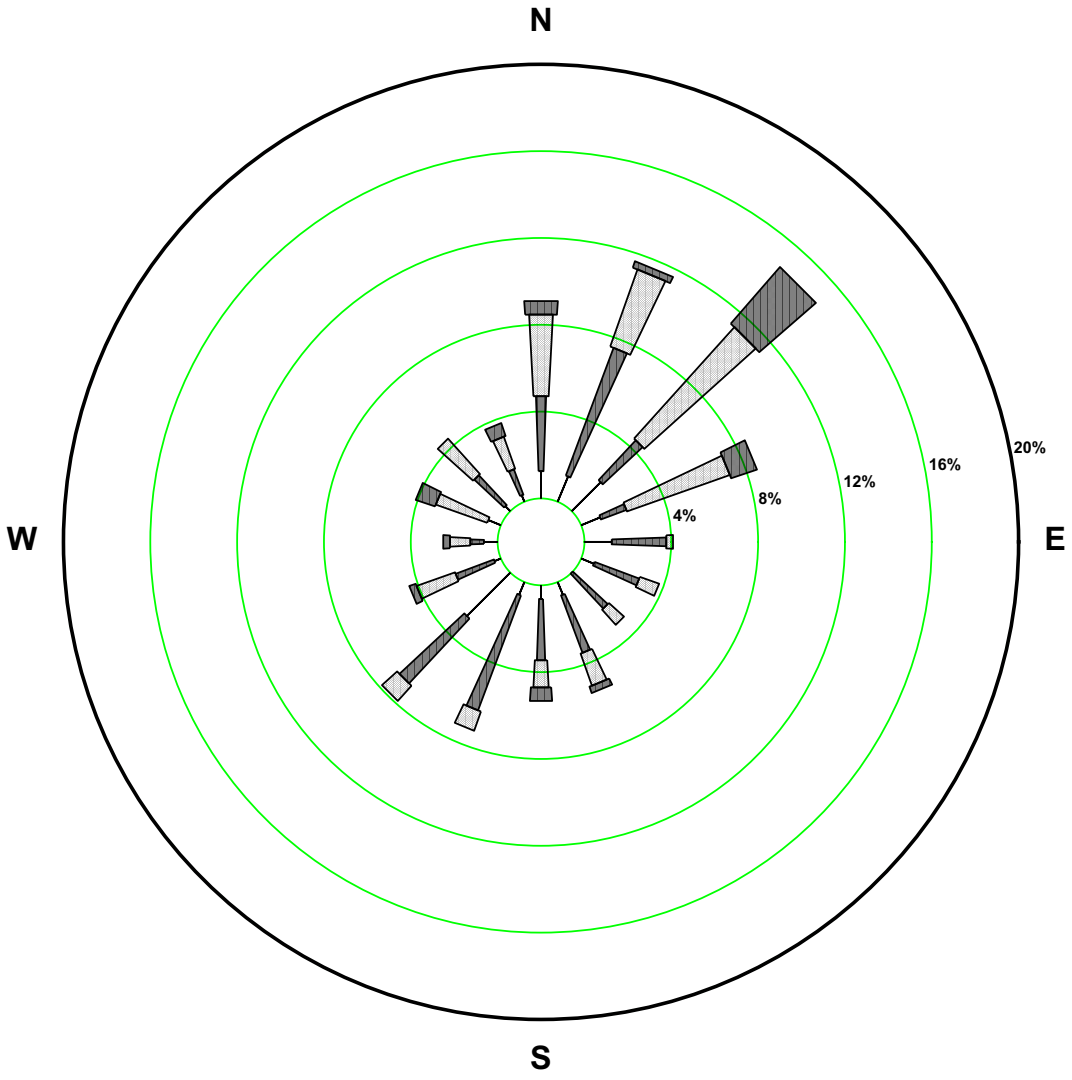
Figure 2.7-9—{CCNPP 33 ft April Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.00%

WIND SPEED (MPH)

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

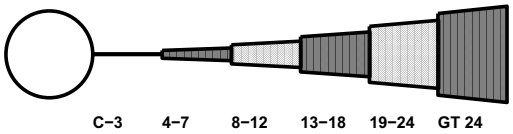


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Figure 2.7-10—{CCNPP 33 ft May Precipitation Wind Rose}

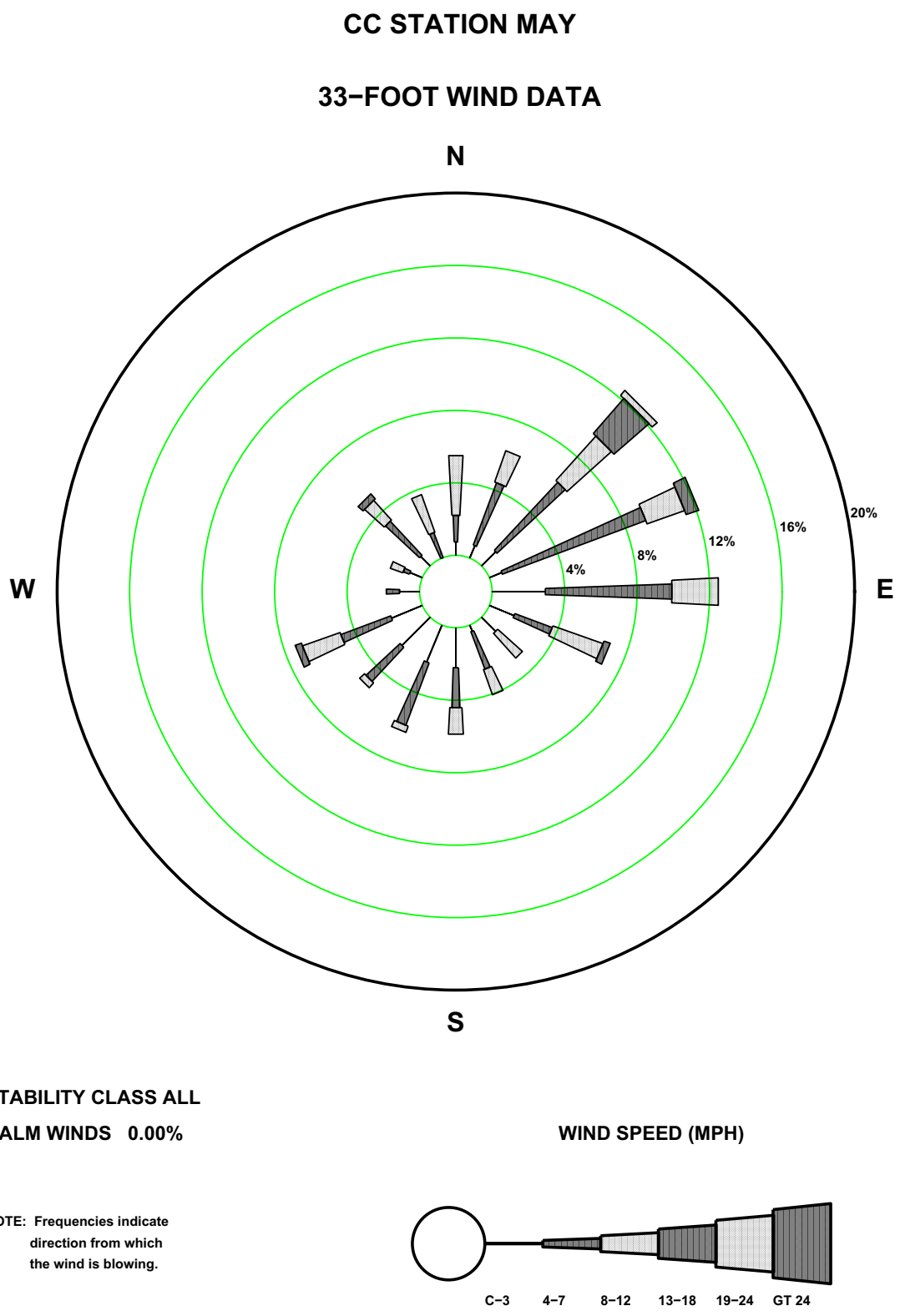

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Figure 2.7-11—{CCNPP 33 ft June Precipitation Wind Rose}

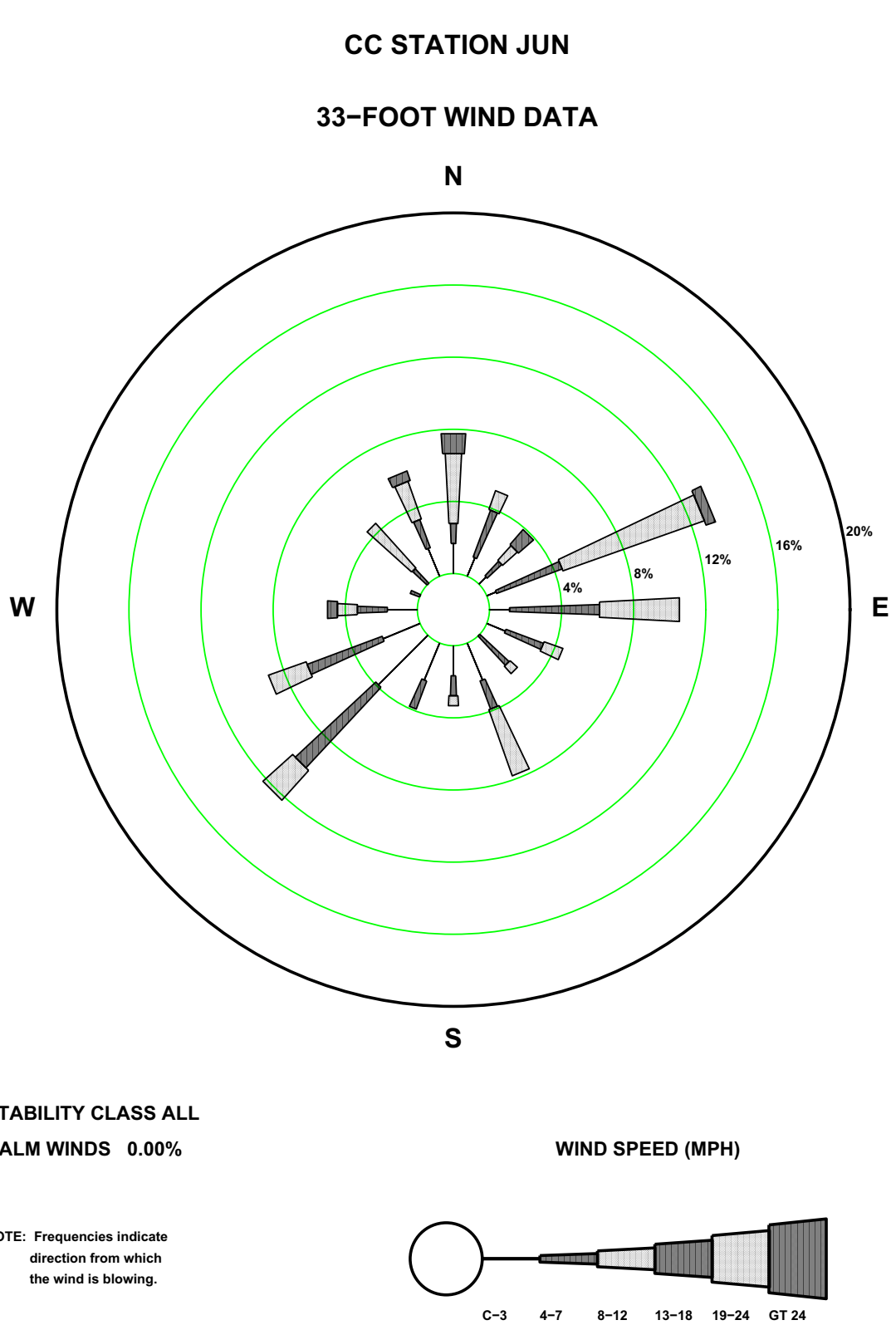

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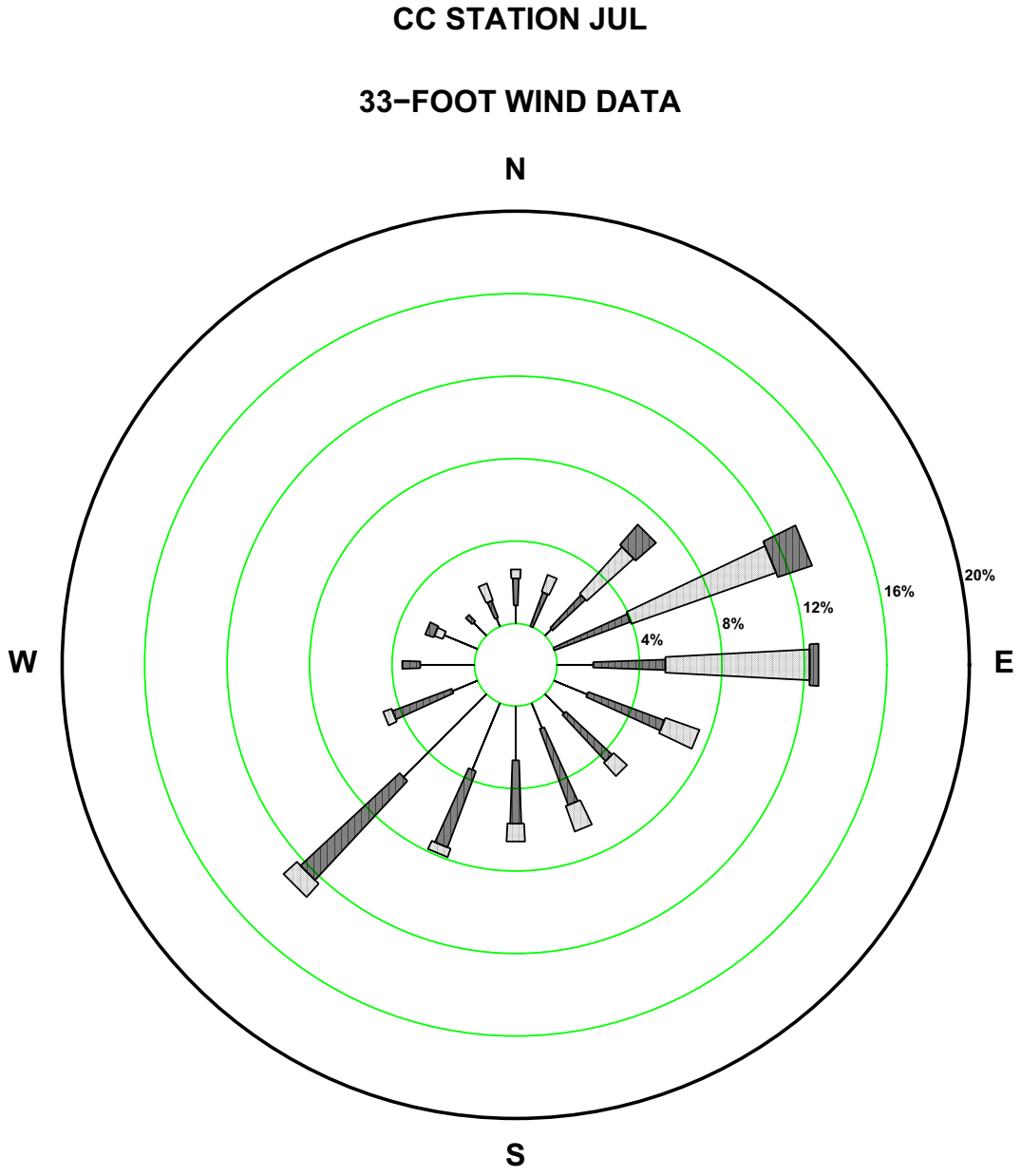
Figure 2.7-12—{CCNPP 33 ft July Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.44%

WIND SPEED (MPH)

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

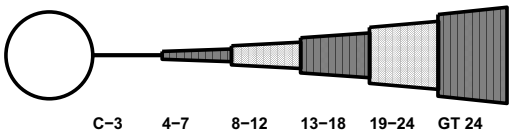


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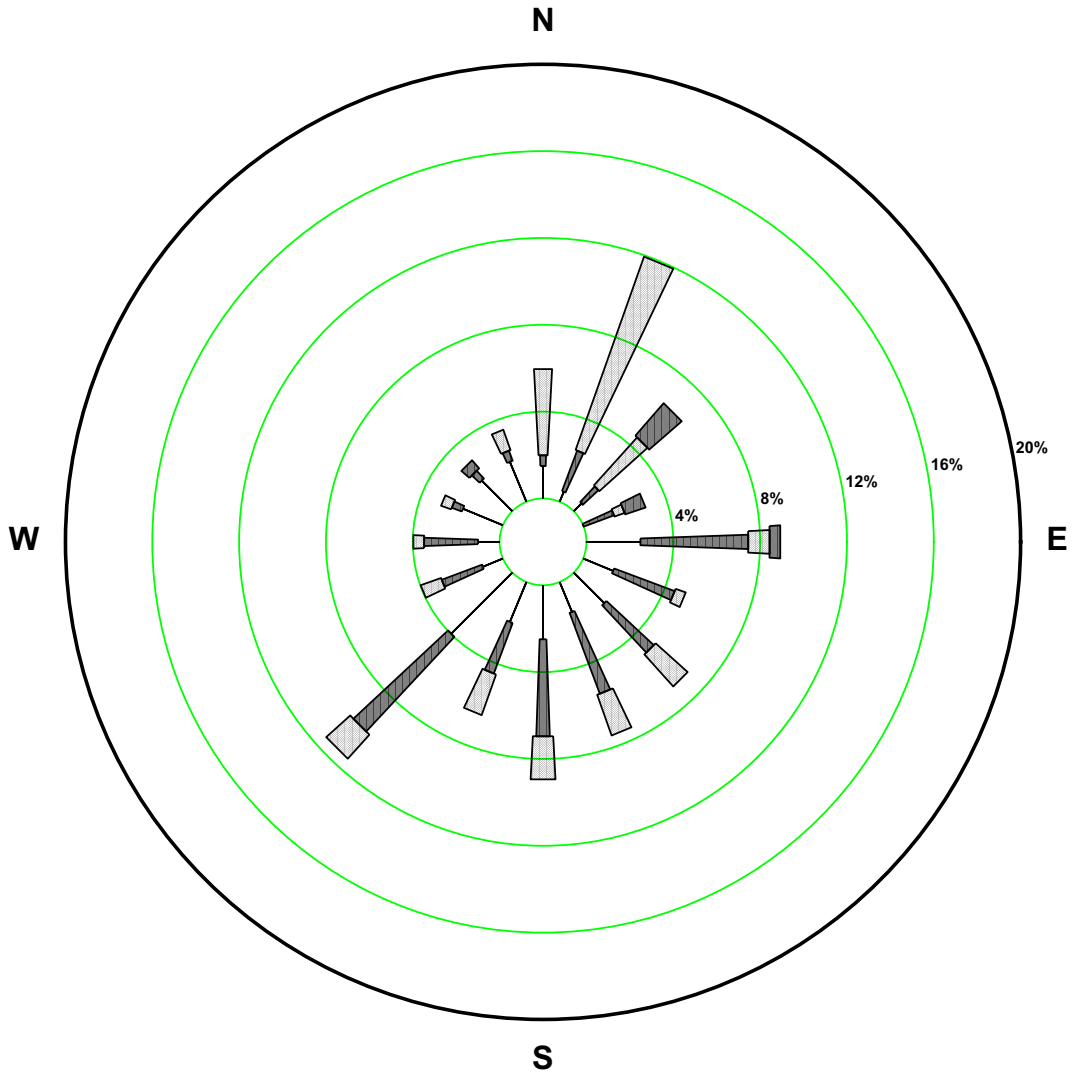
Figure 2.7-13—{CCNPP 33 ft August Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.00%

WIND SPEED (MPH)

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

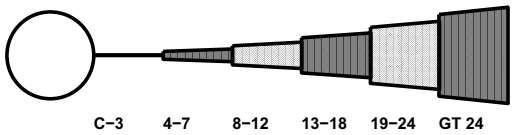


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Figure 2.7-14—{CCNPP 33 ft September Precipitation Wind Rose}

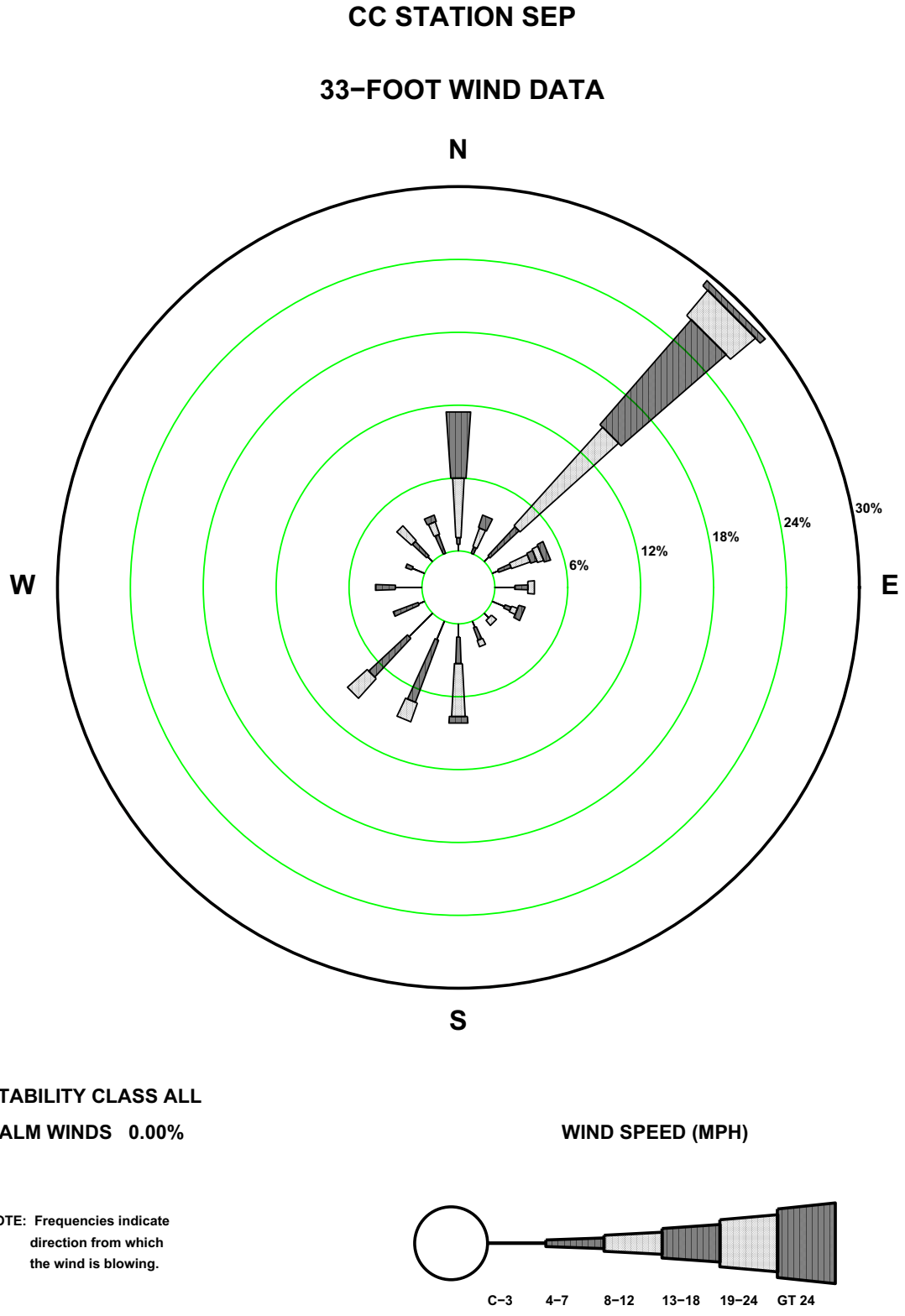

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Figure 2.7-15—{CCNPP 33 ft October Precipitation Wind Rose}

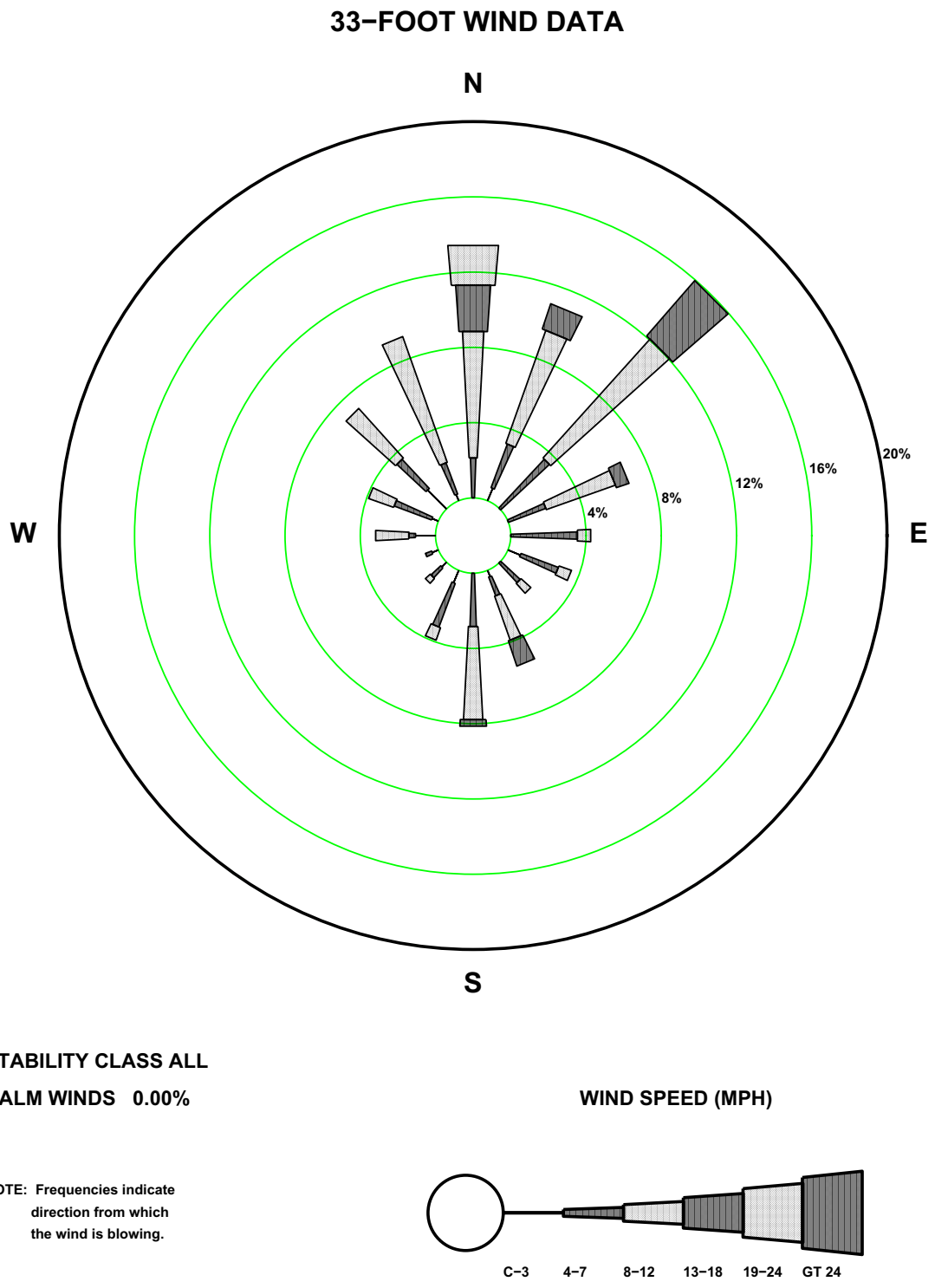

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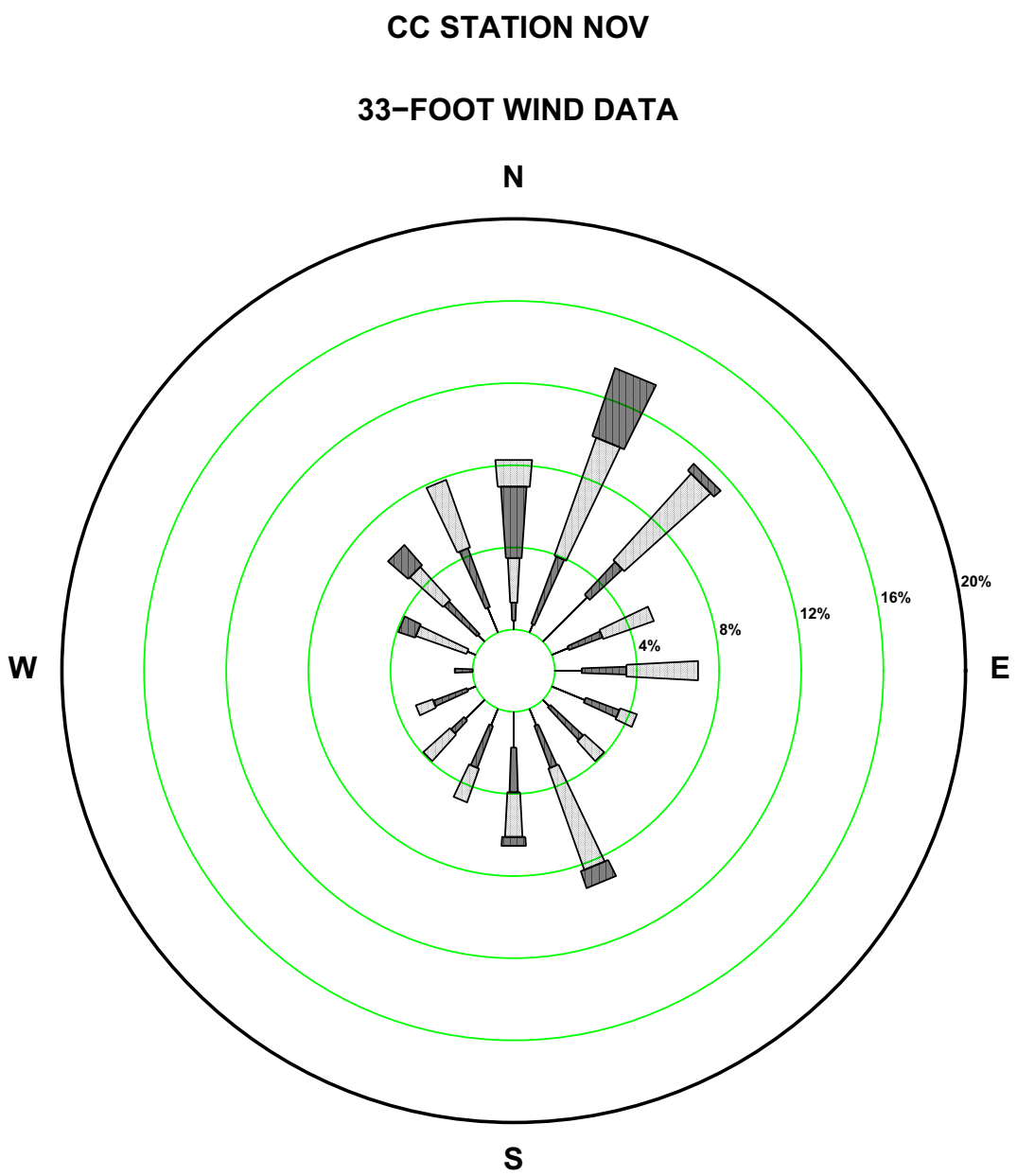
Figure 2.7-16—{CCNPP 33 ft November Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.00%

WIND SPEED (MPH)

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

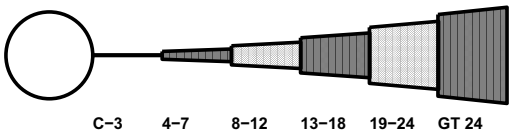


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Figure 2.7-17—{CCNPP 33 ft December Precipitation Wind Rose}

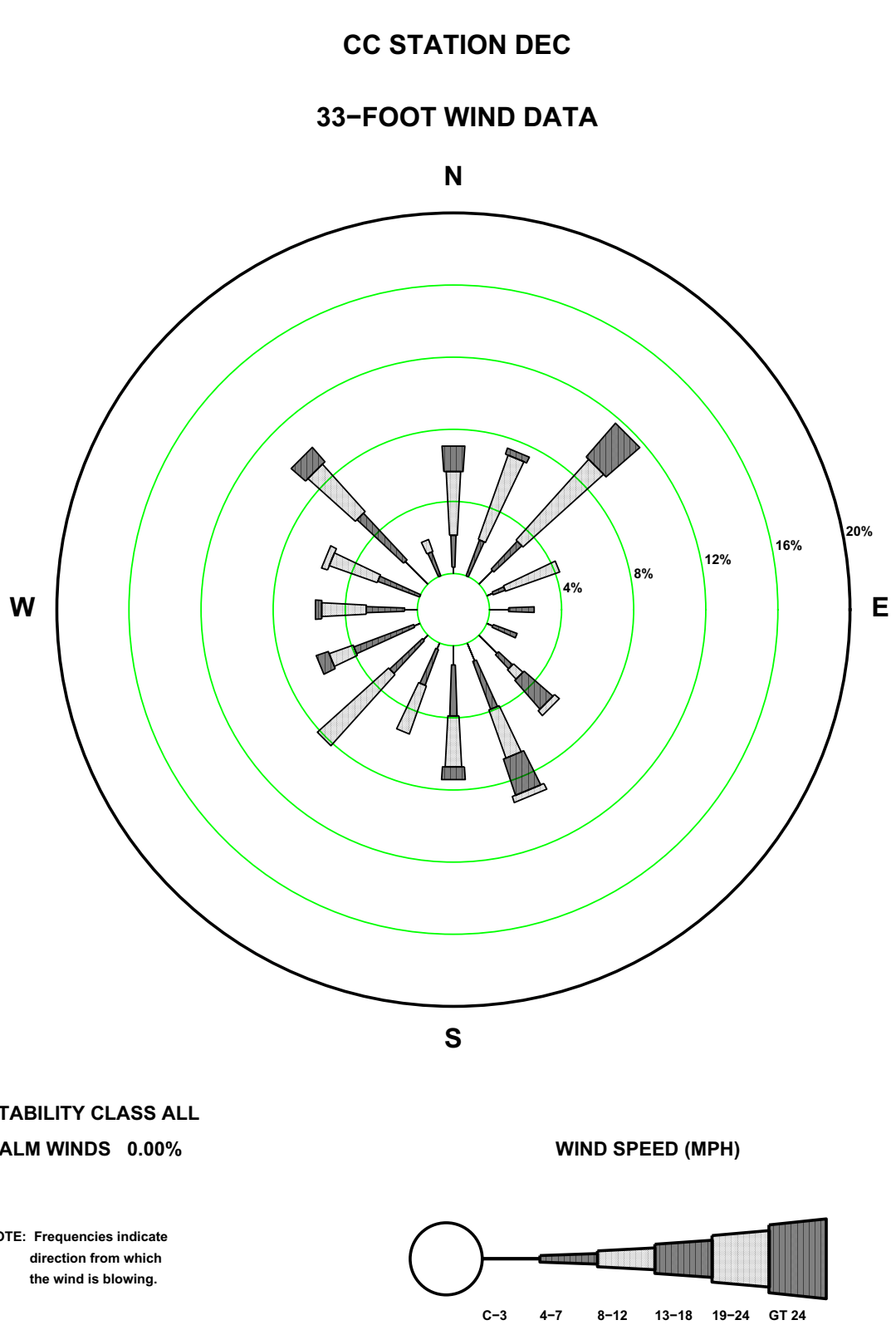

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Figure 2.7-18—{CCNPP 197 ft January Precipitation Wind Rose}

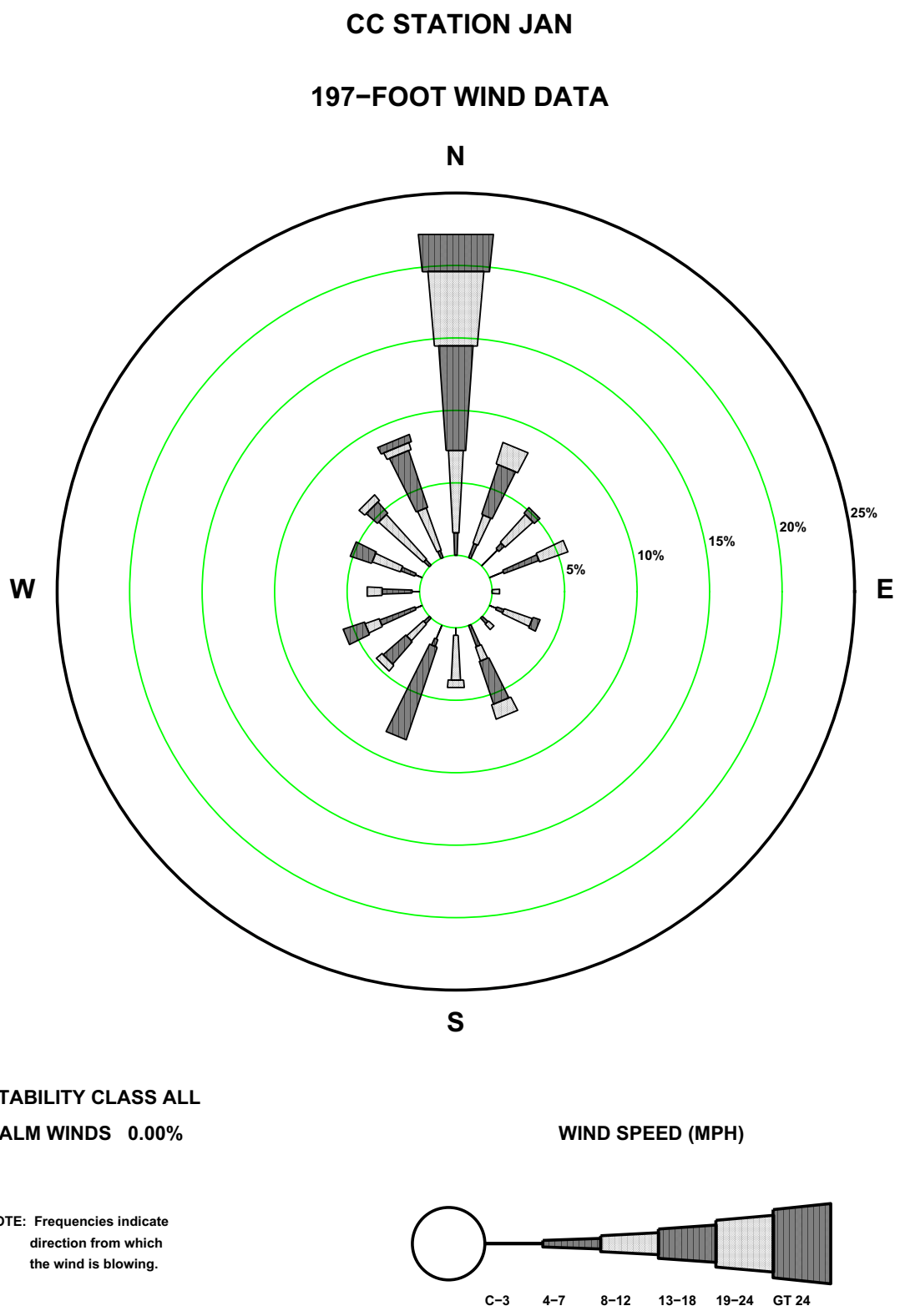

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Figure 2.7-19—{CCNPP 197 ft February Precipitation Wind Rose}

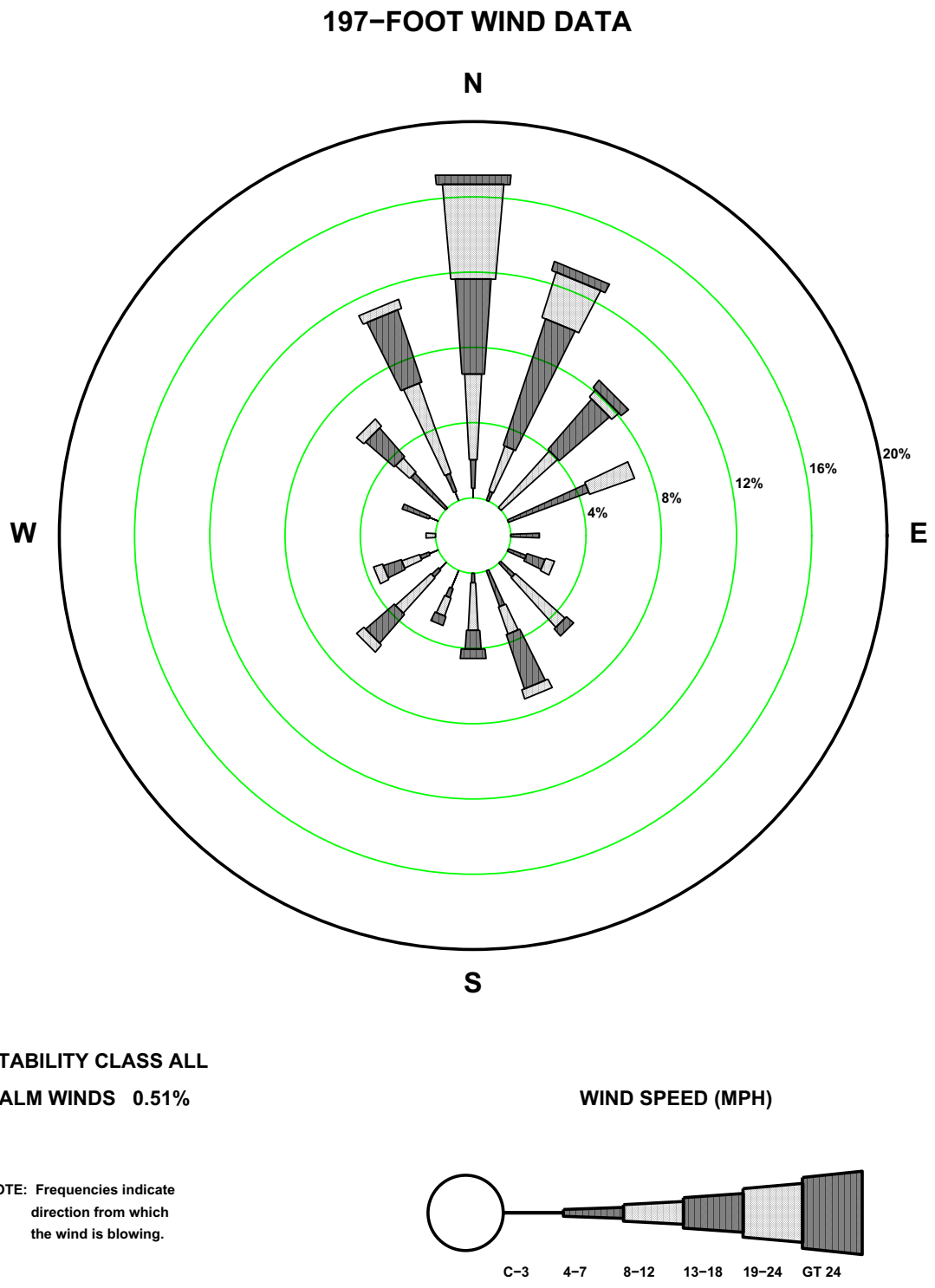

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Figure 2.7-20—{CCNPP 197 ft March Precipitation Wind Rose}

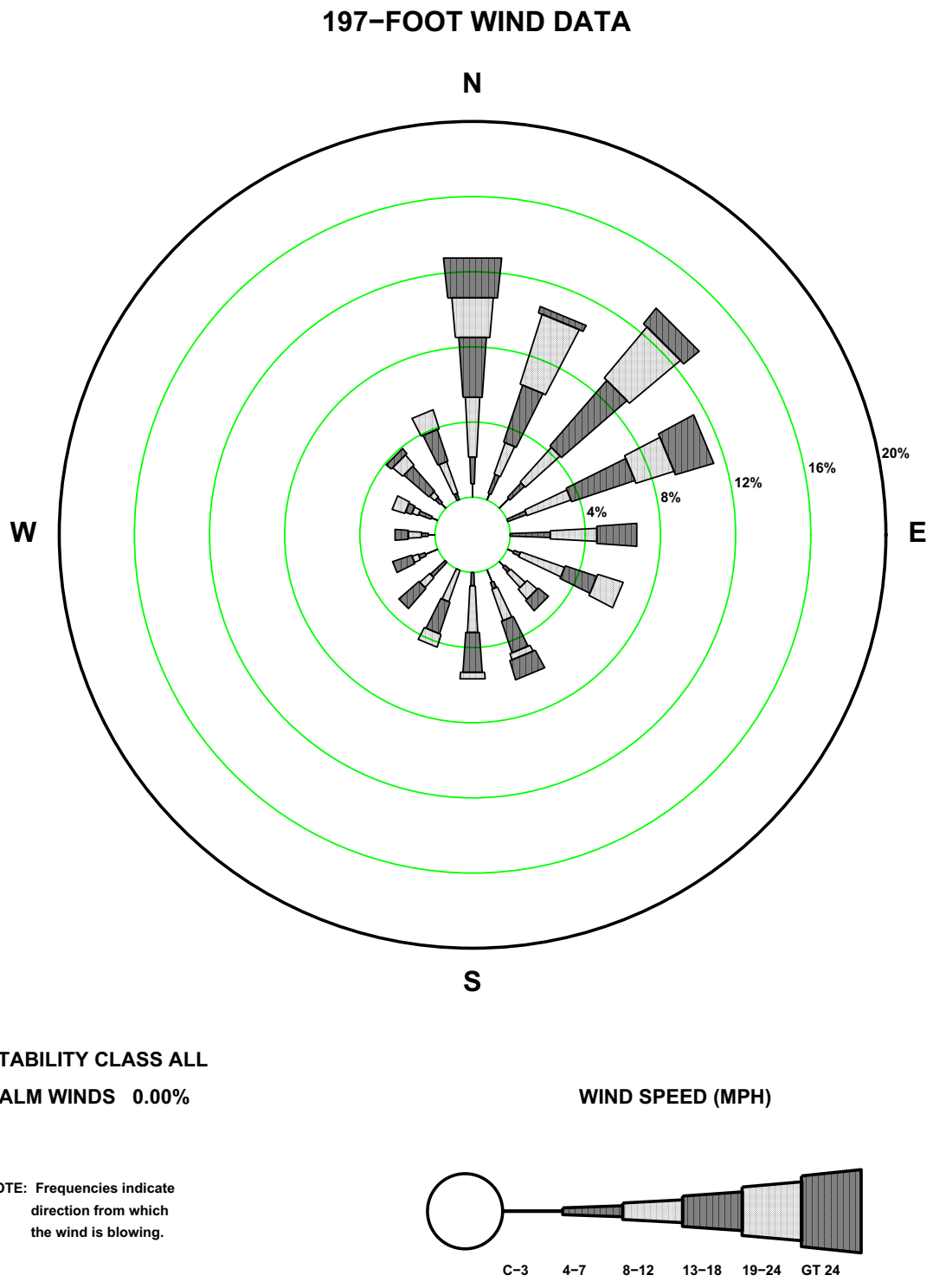

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Figure 2.7-21—{CCNPP 197 ft April Precipitation Wind Rose}

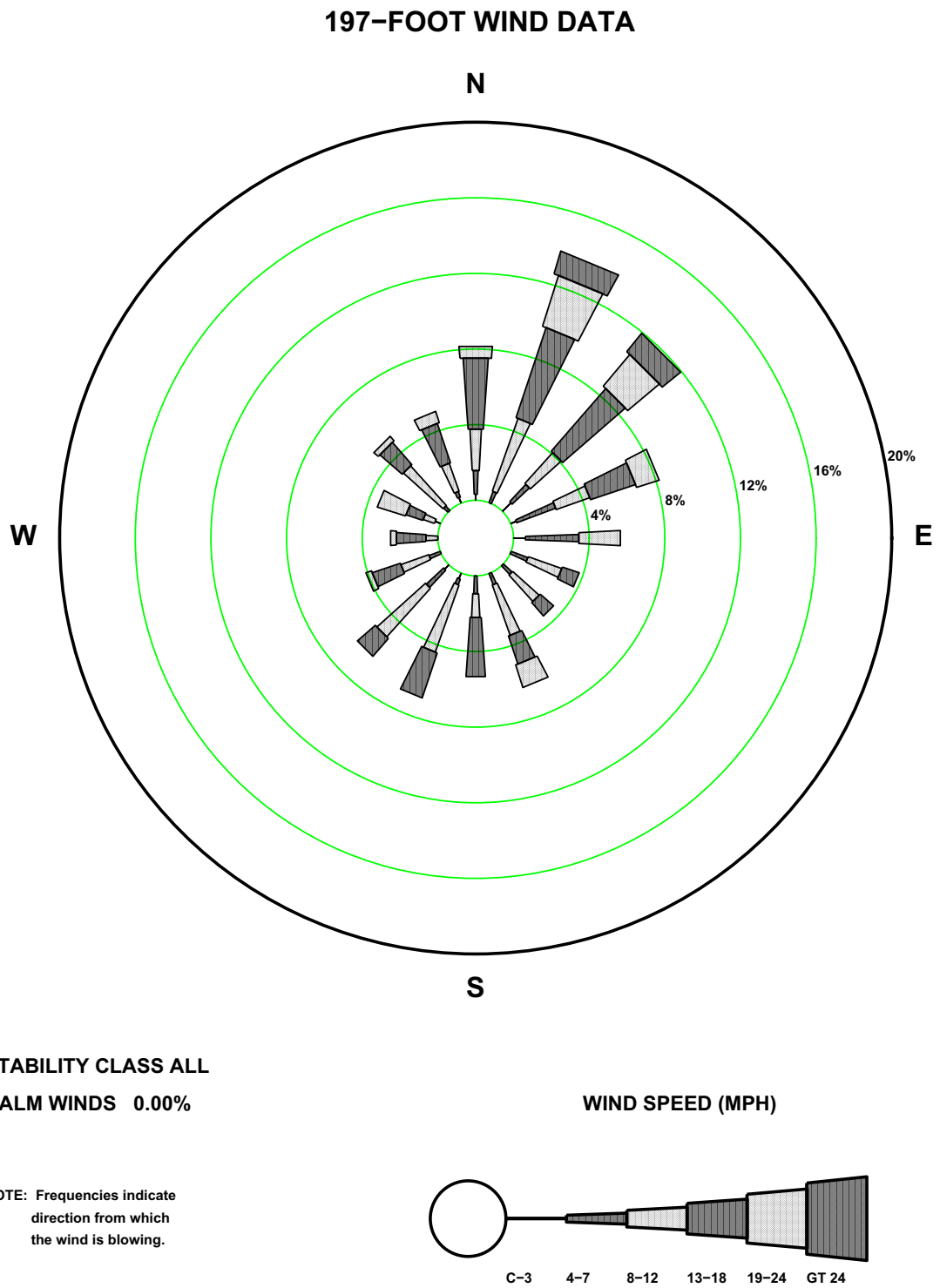

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Figure 2.7-22—{CCNPP 197 ft May Precipitation Wind Rose}

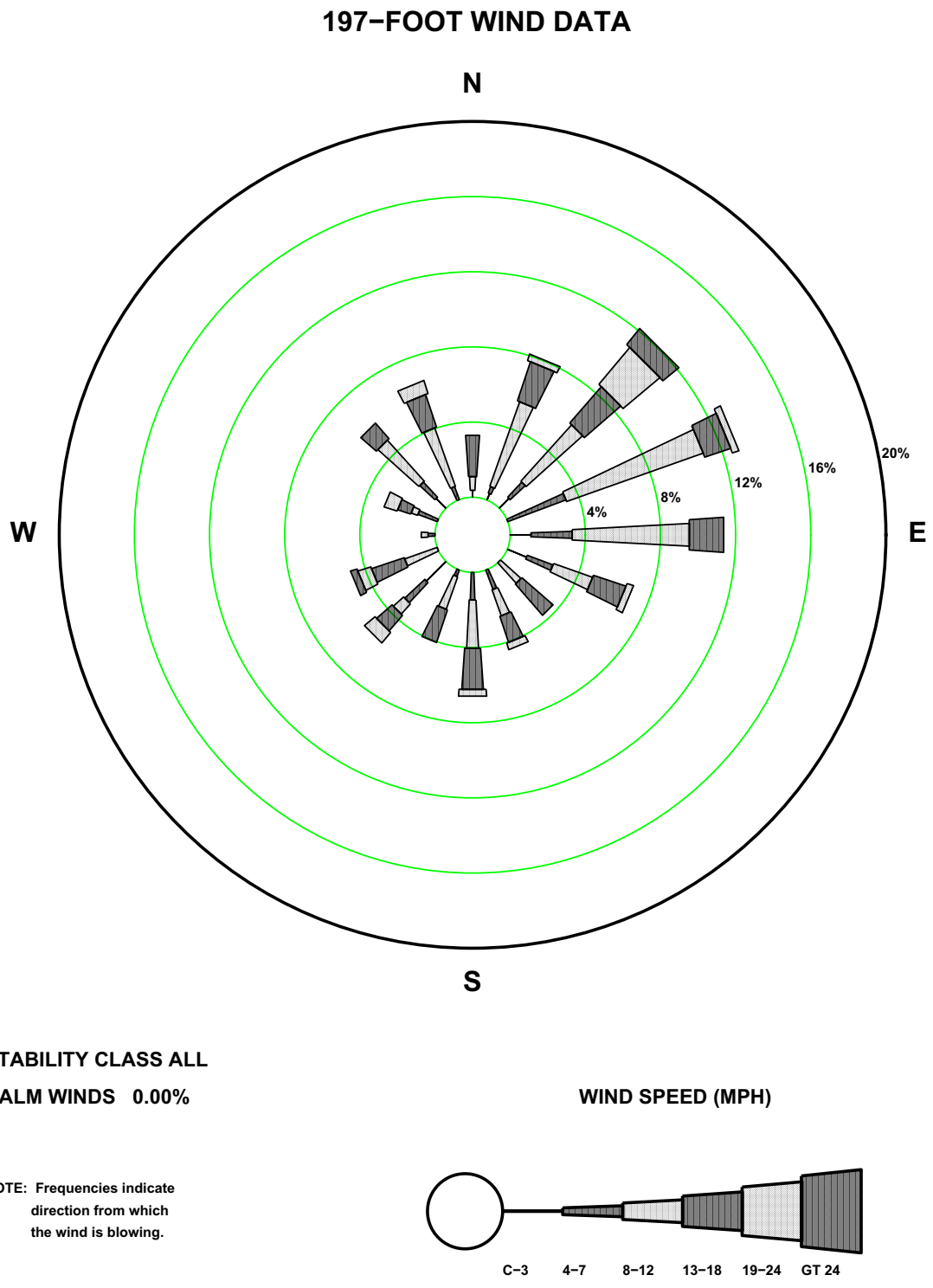

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Figure 2.7-23—{CCNPP 197 ft June Precipitation Wind Rose}

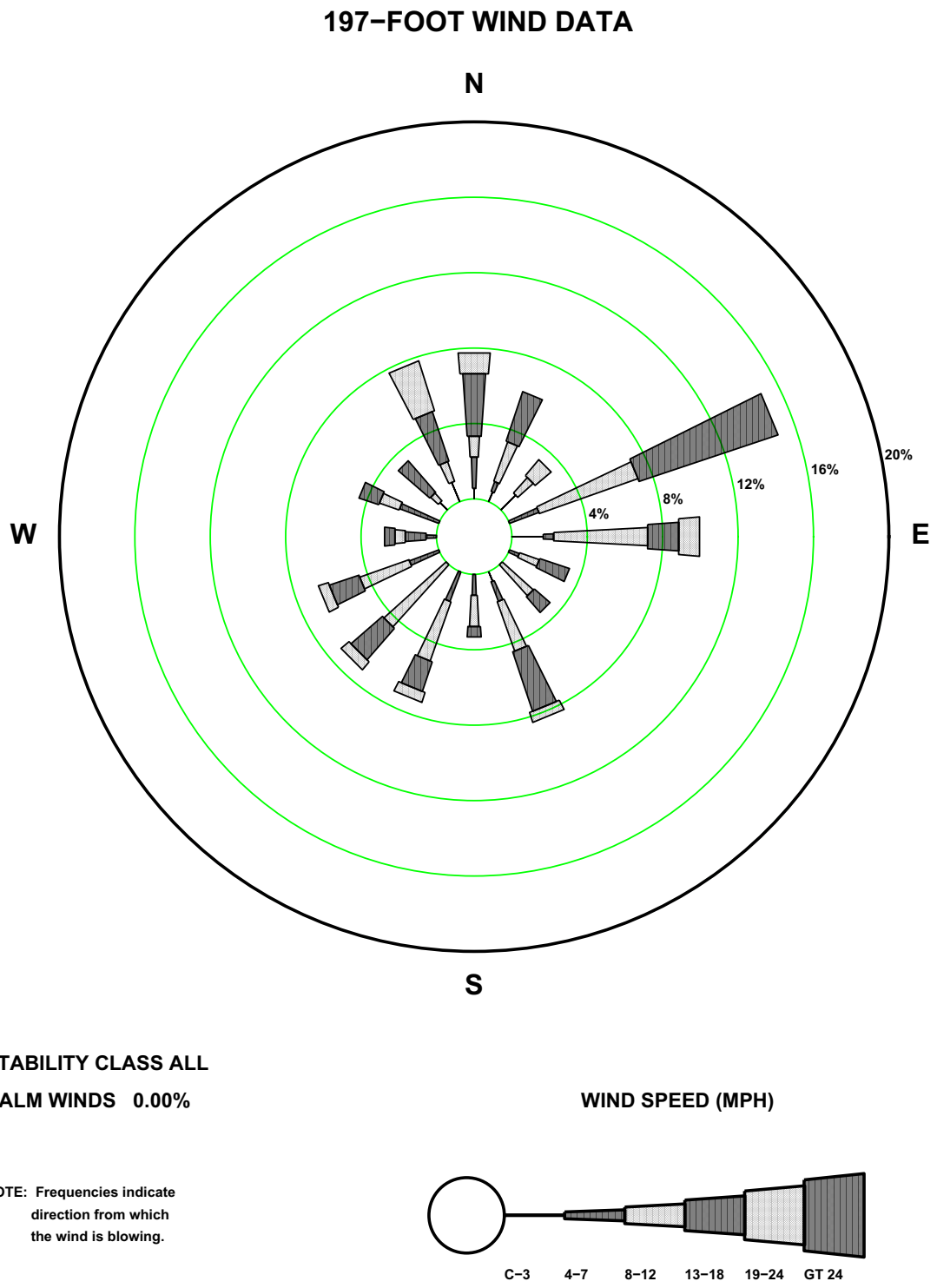

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Figure 2.7-24—{CCNPP 197 ft July Precipitation Wind Rose}

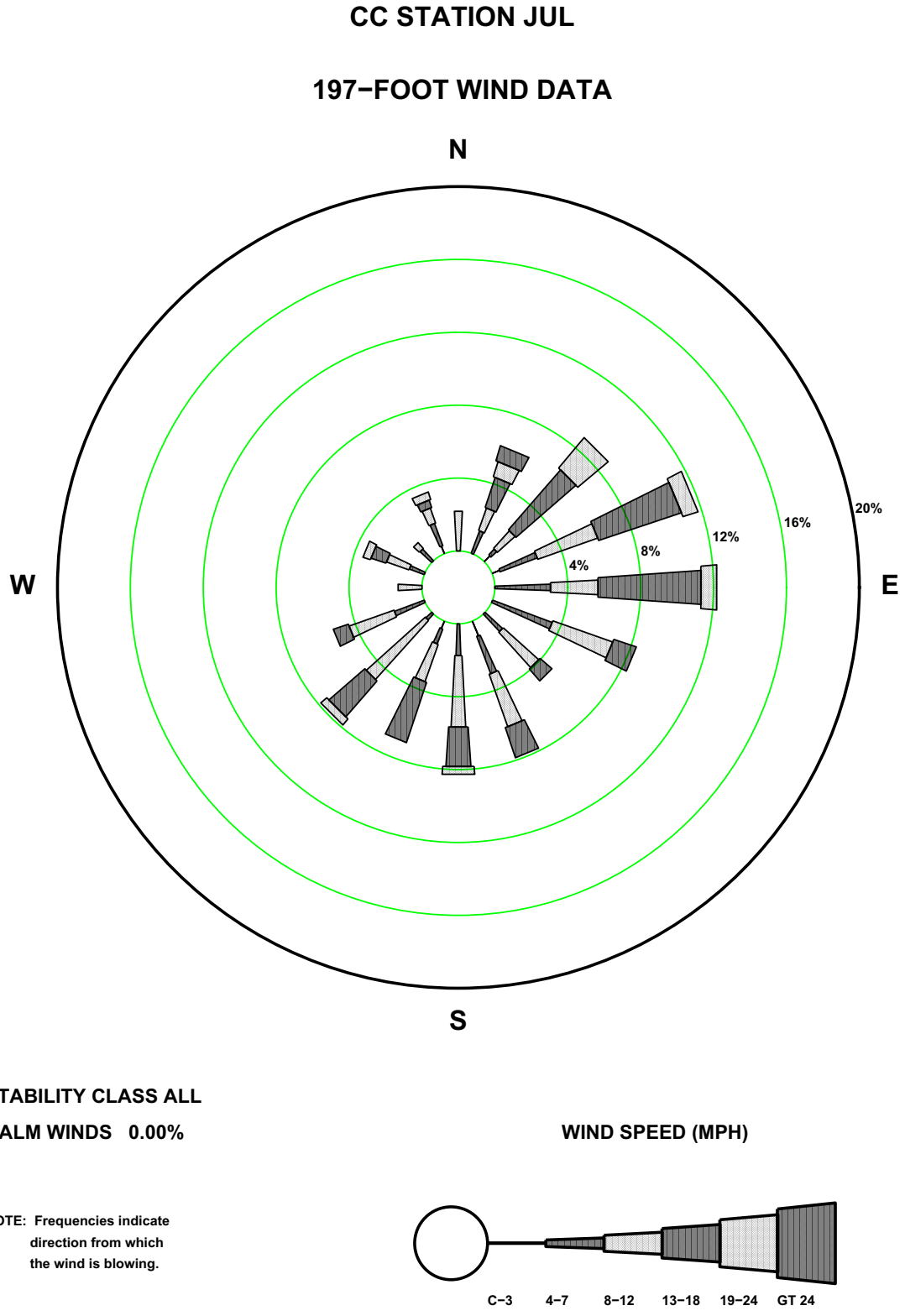

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Figure 2.7-25—{CCNPP 197 ft August Precipitation Wind Rose}

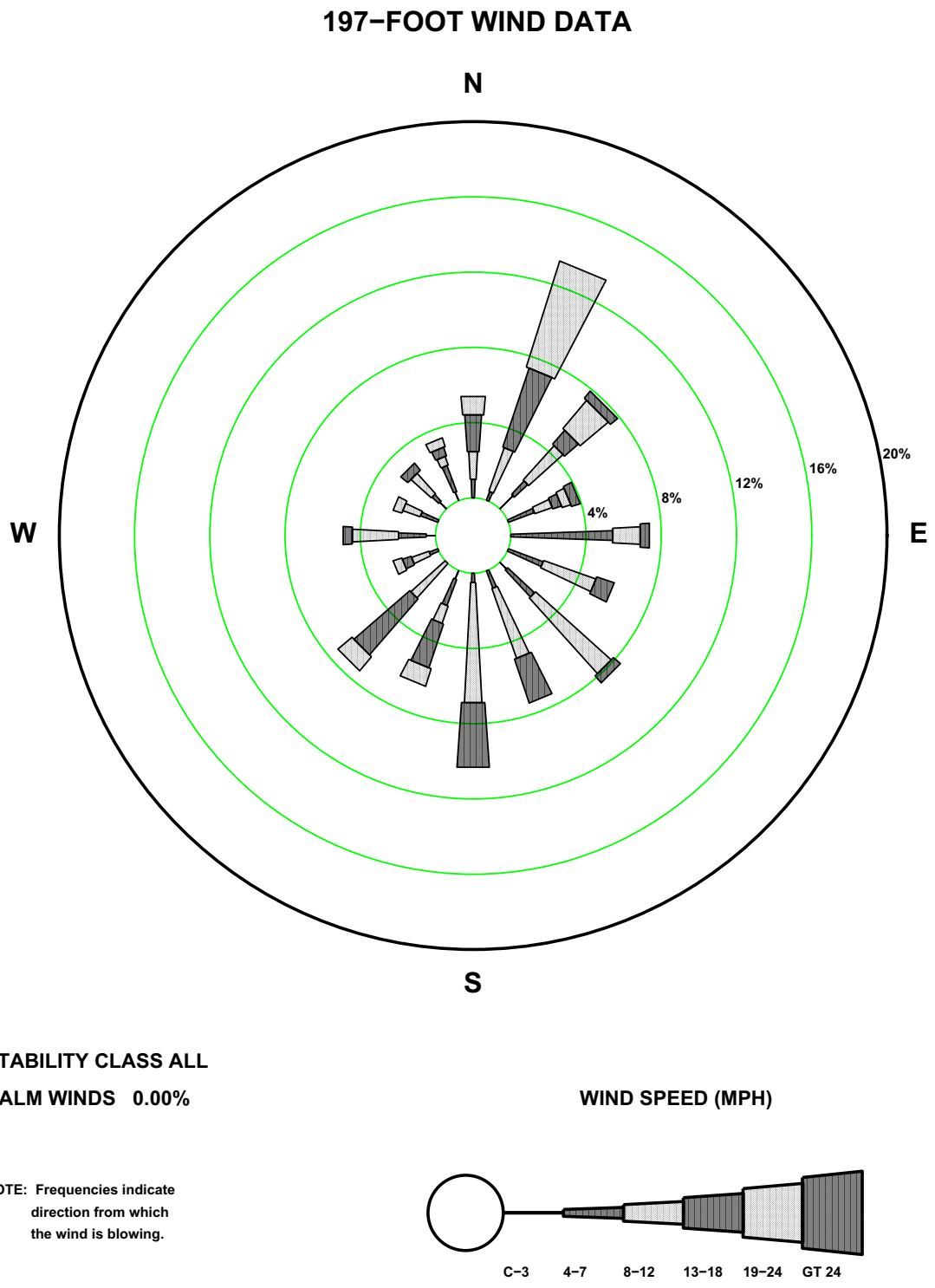

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Figure 2.7-26—{CCNPP 197 ft September Precipitation Wind Rose}

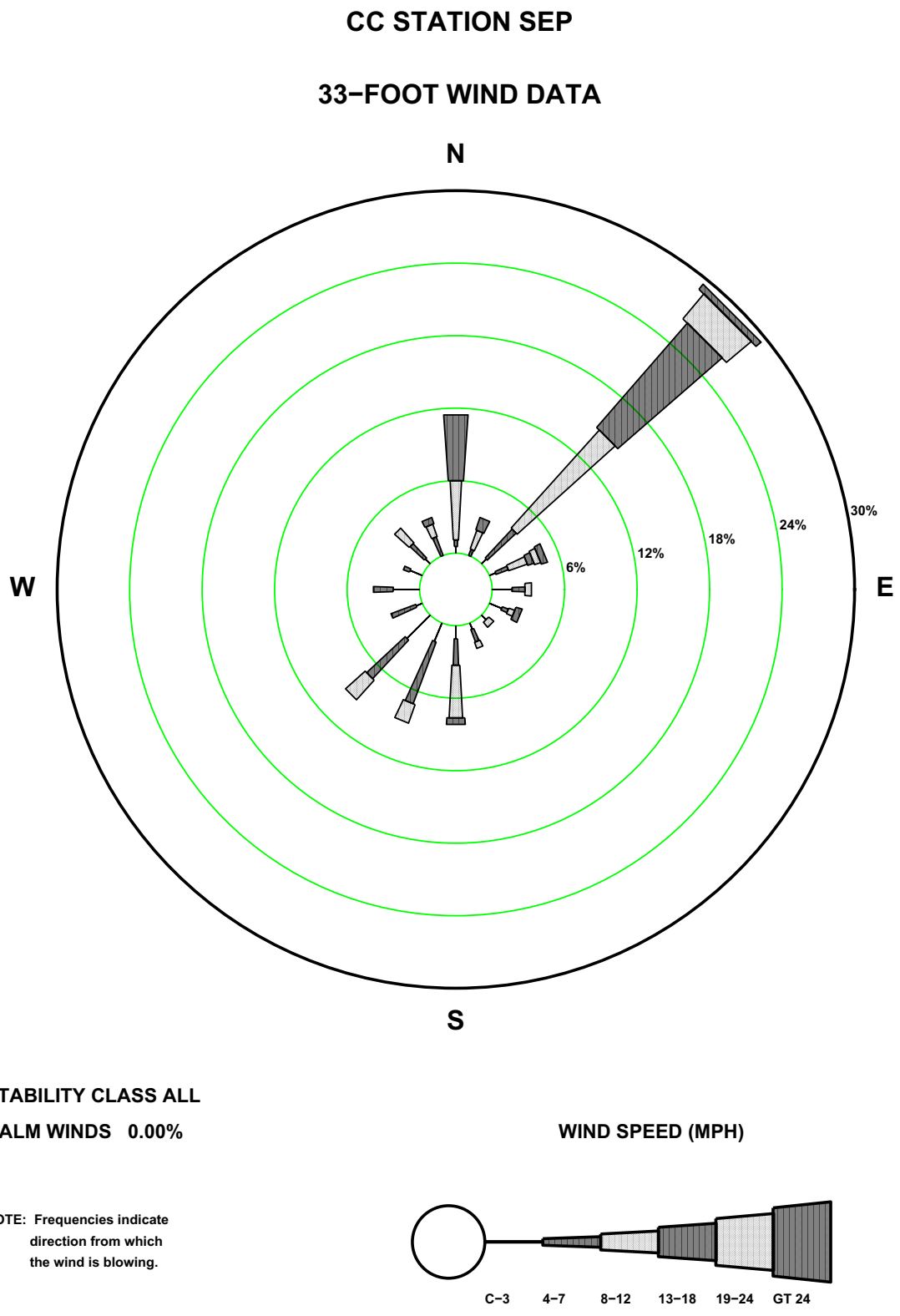

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Figure 2.7-27—{CCNPP 197 ft October Precipitation Wind Rose}

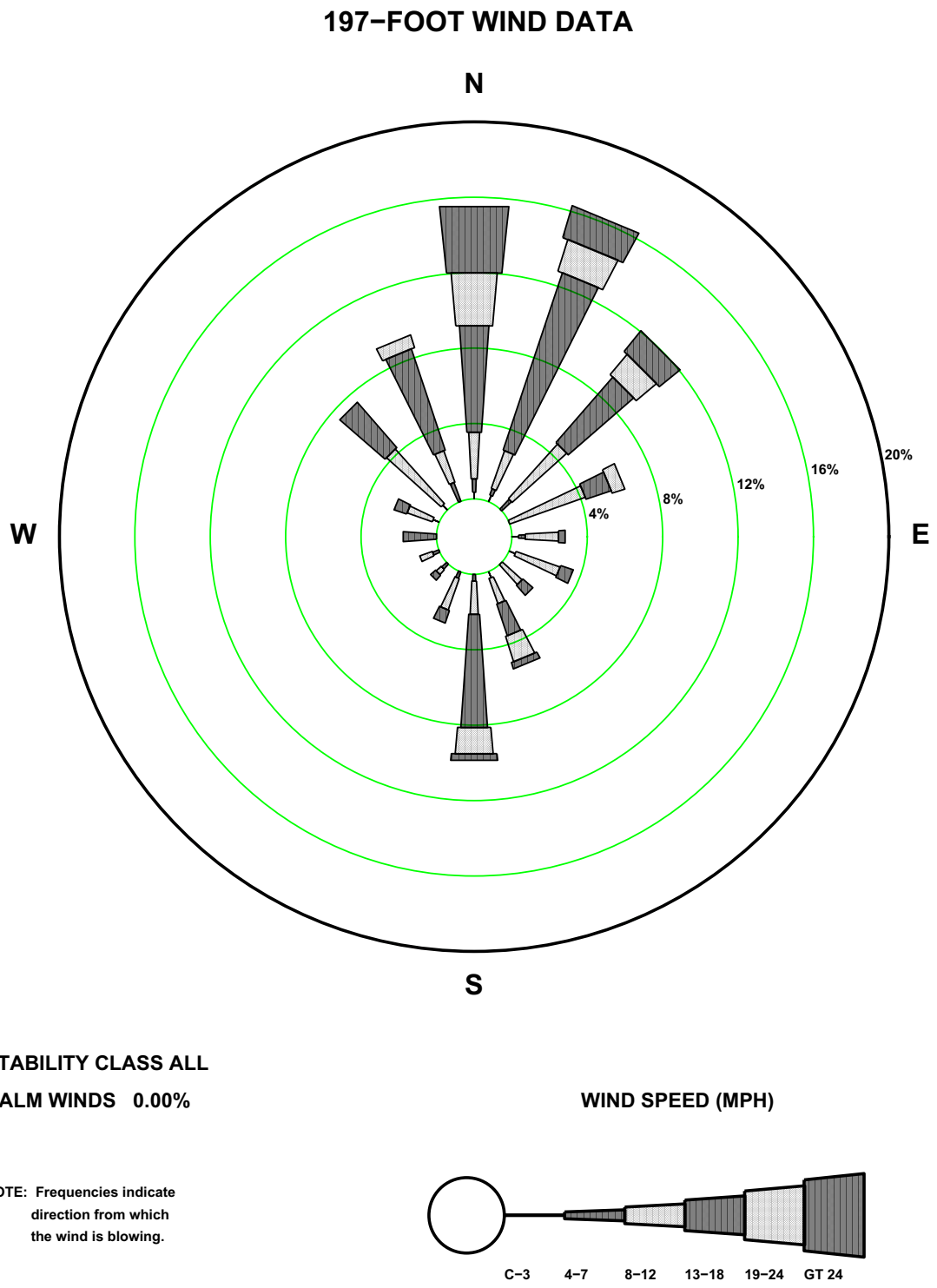

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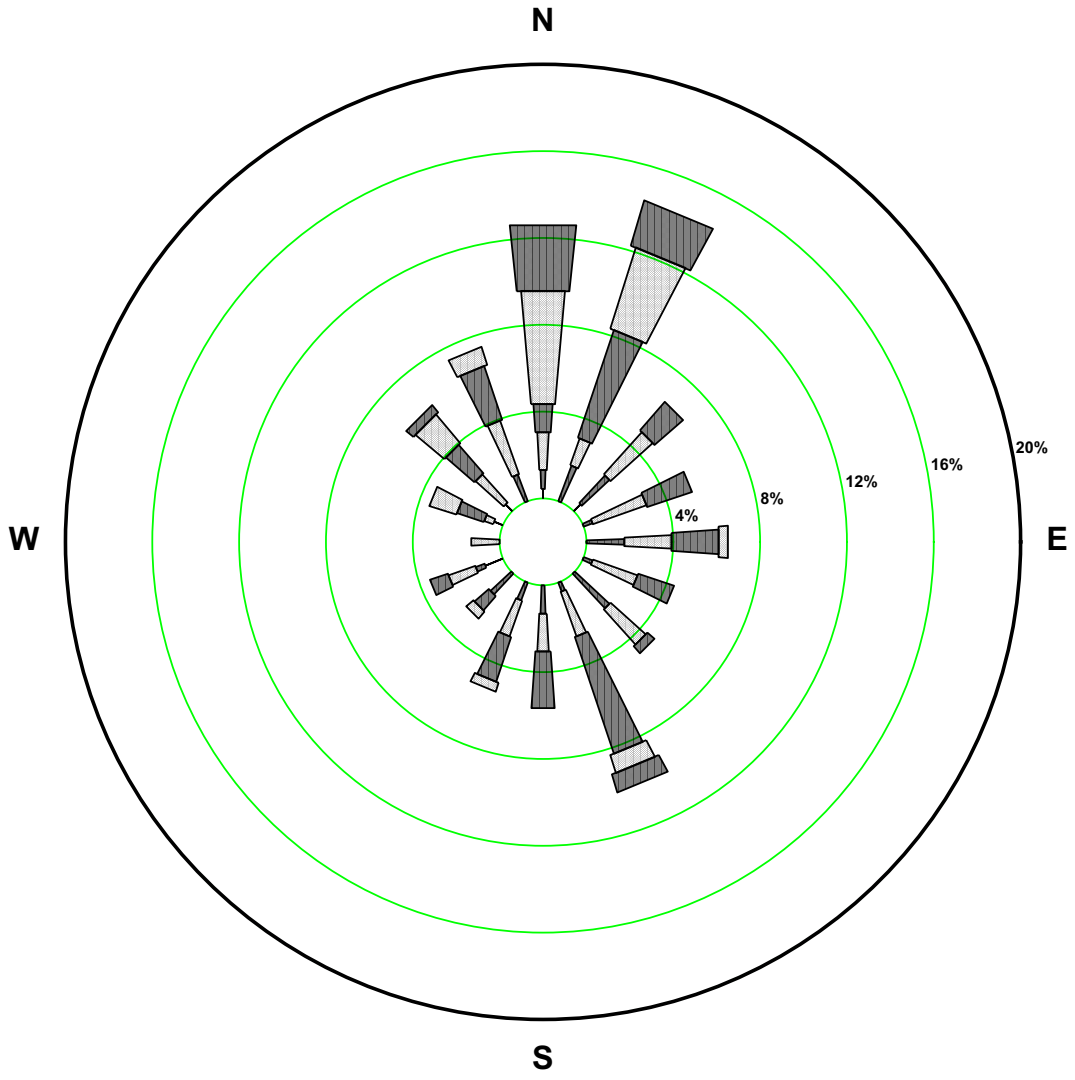
Figure 2.7-28—{CCNPP 197 ft November Precipitation Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.00%

WIND SPEED (MPH)

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

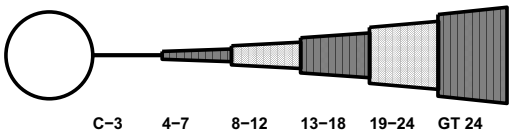


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Figure 2.7-29—{CCNPP 197 ft December Precipitation Wind Rose}

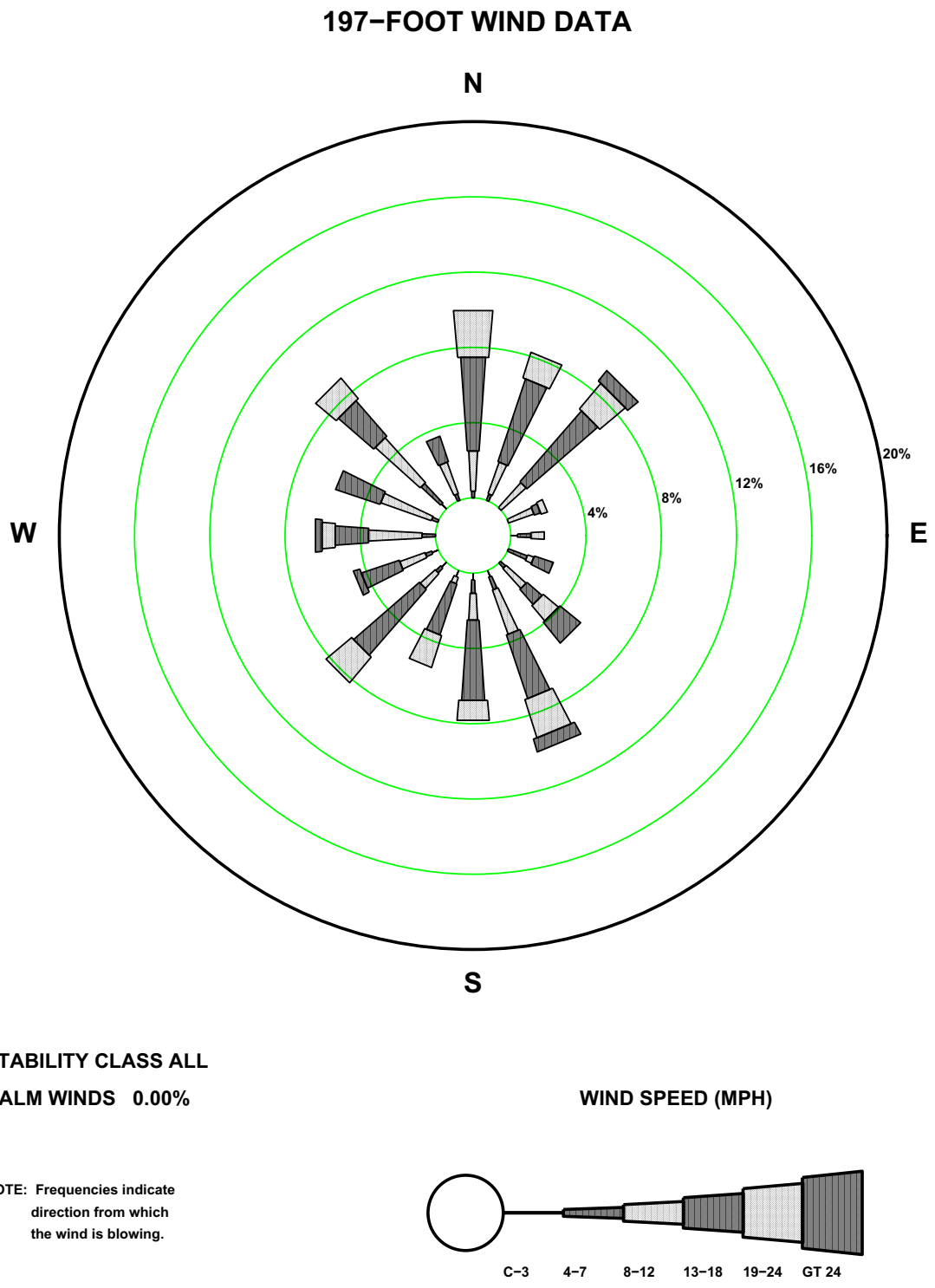

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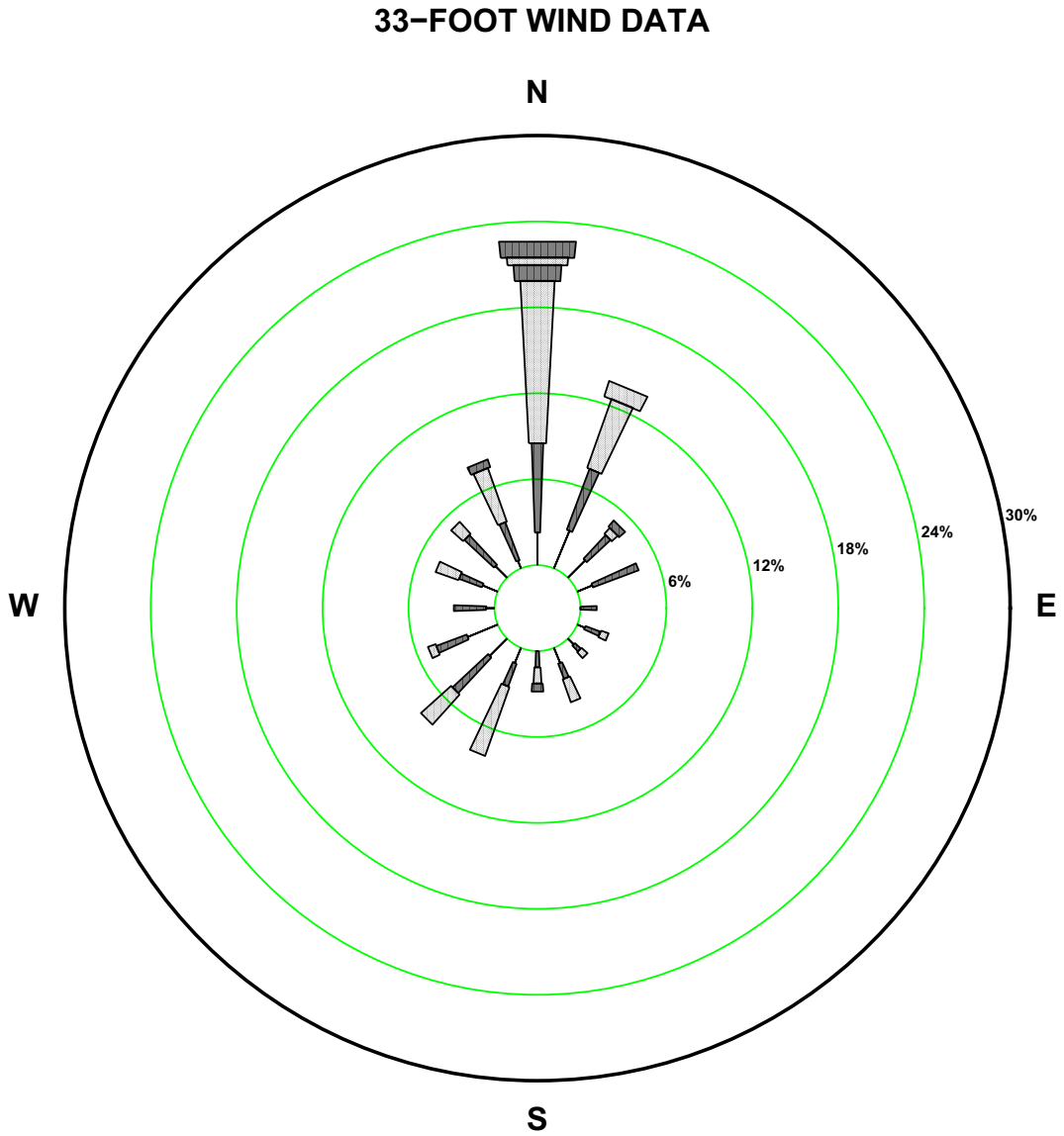
Figure 2.7-30—{CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.57%

WIND SPEED (MPH)

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

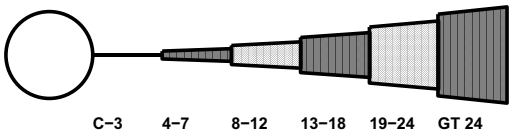


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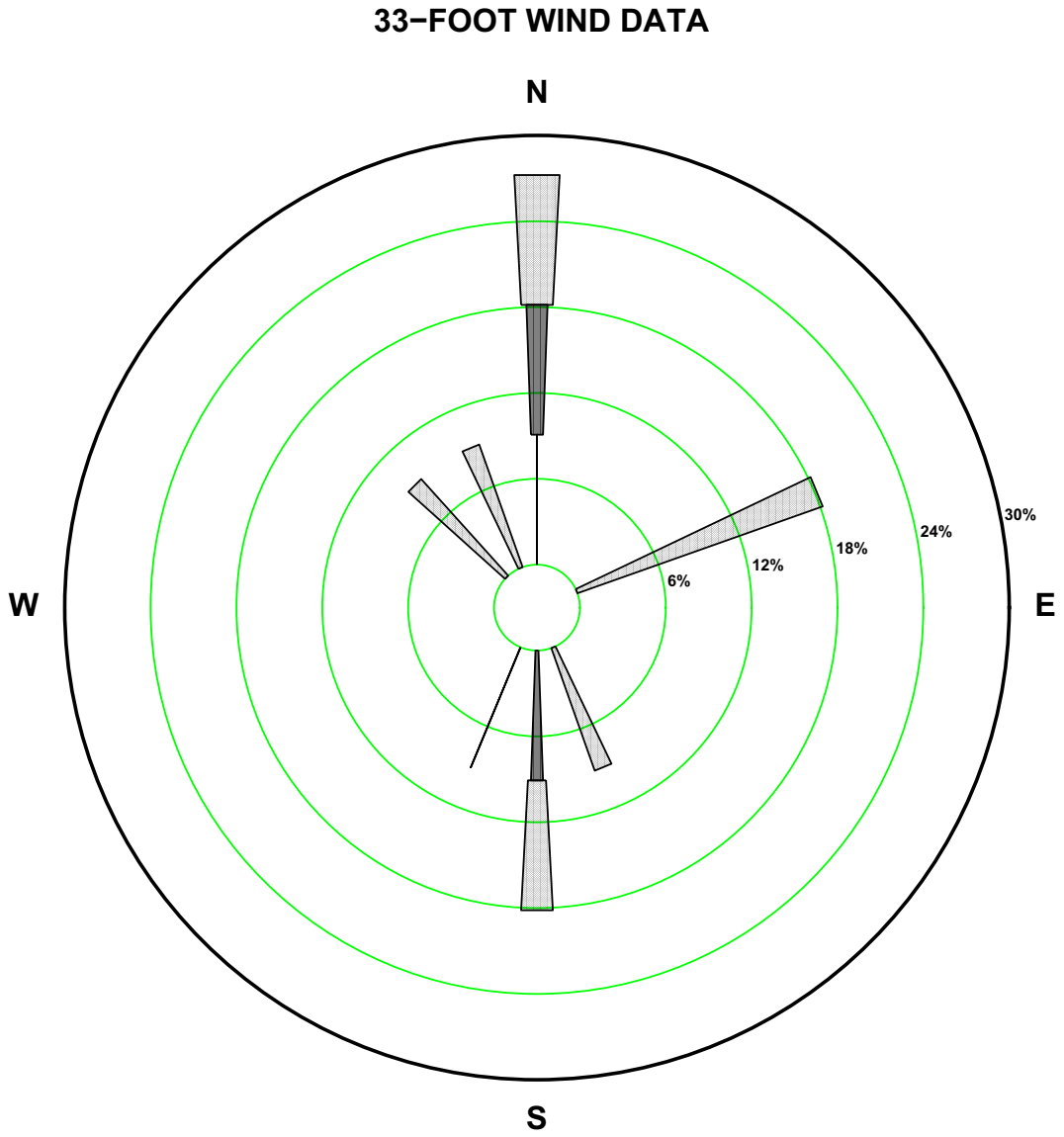
Figure 2.7-31—{CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

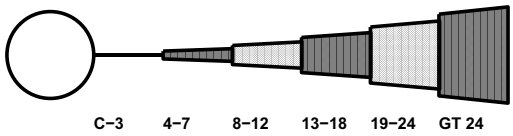


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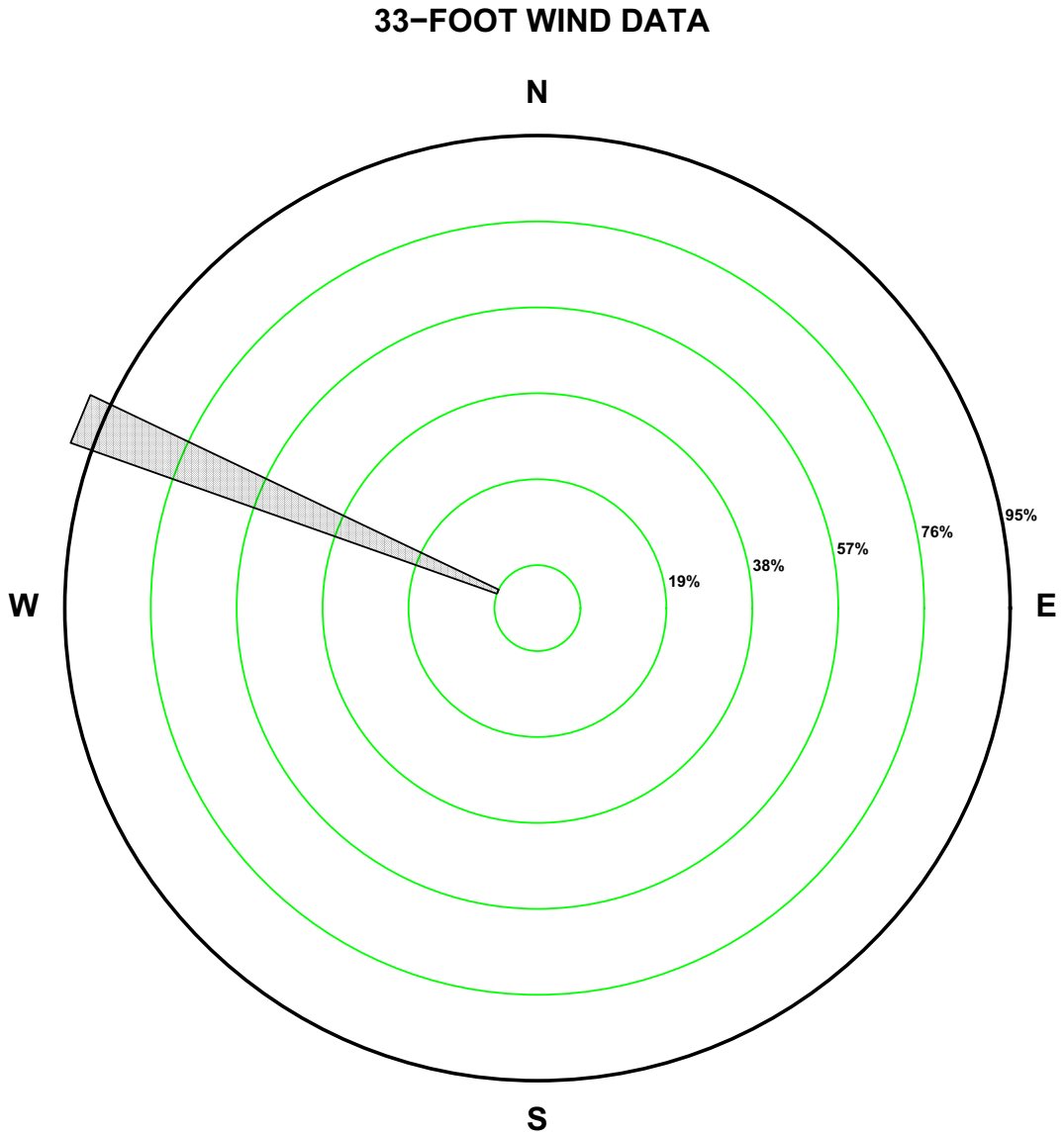
Figure 2.7-32—{CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

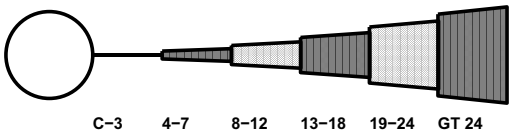


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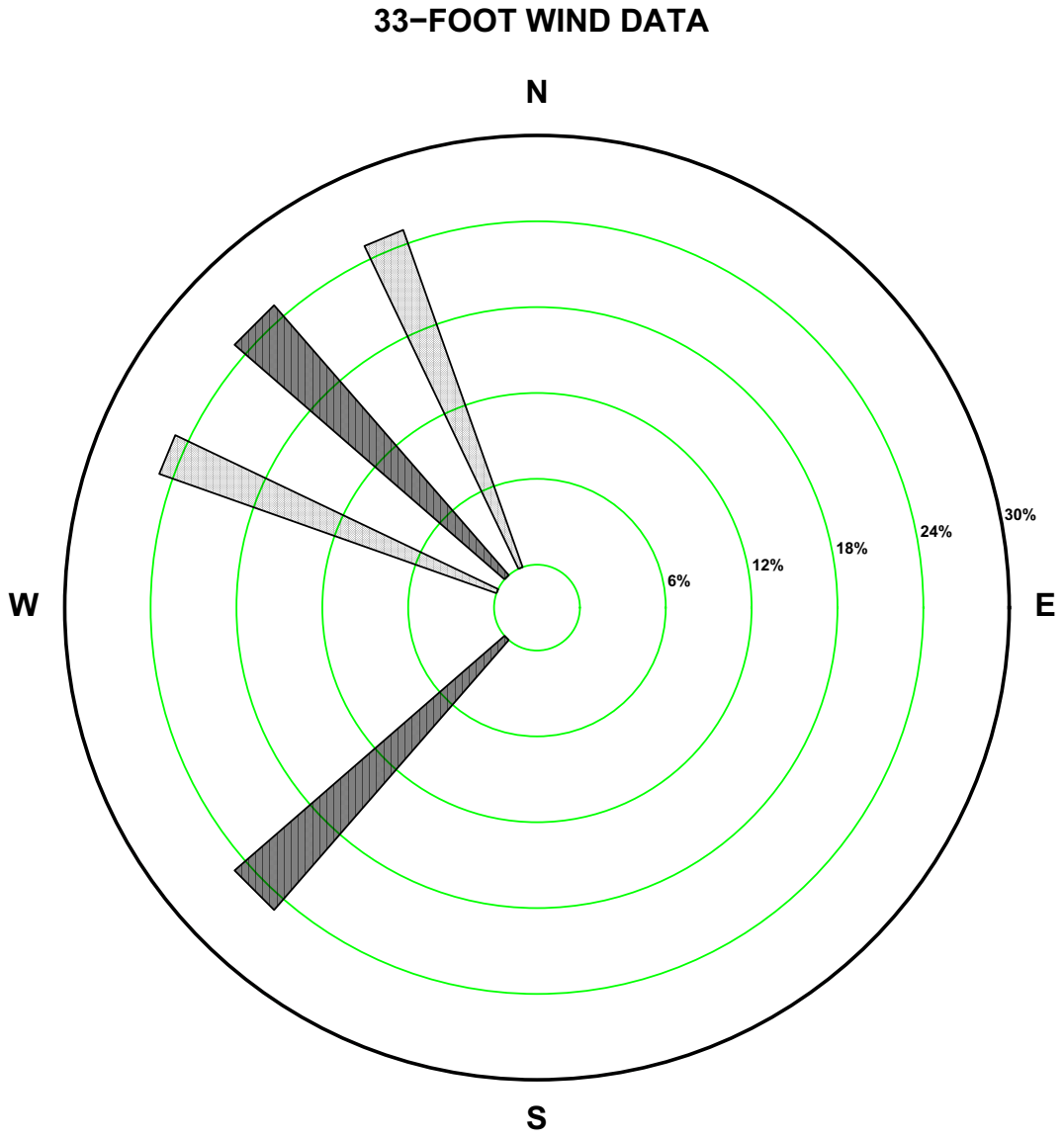
Figure 2.7-33—{CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

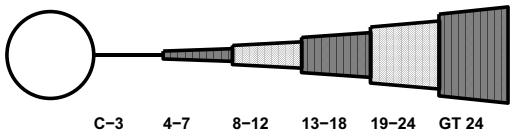


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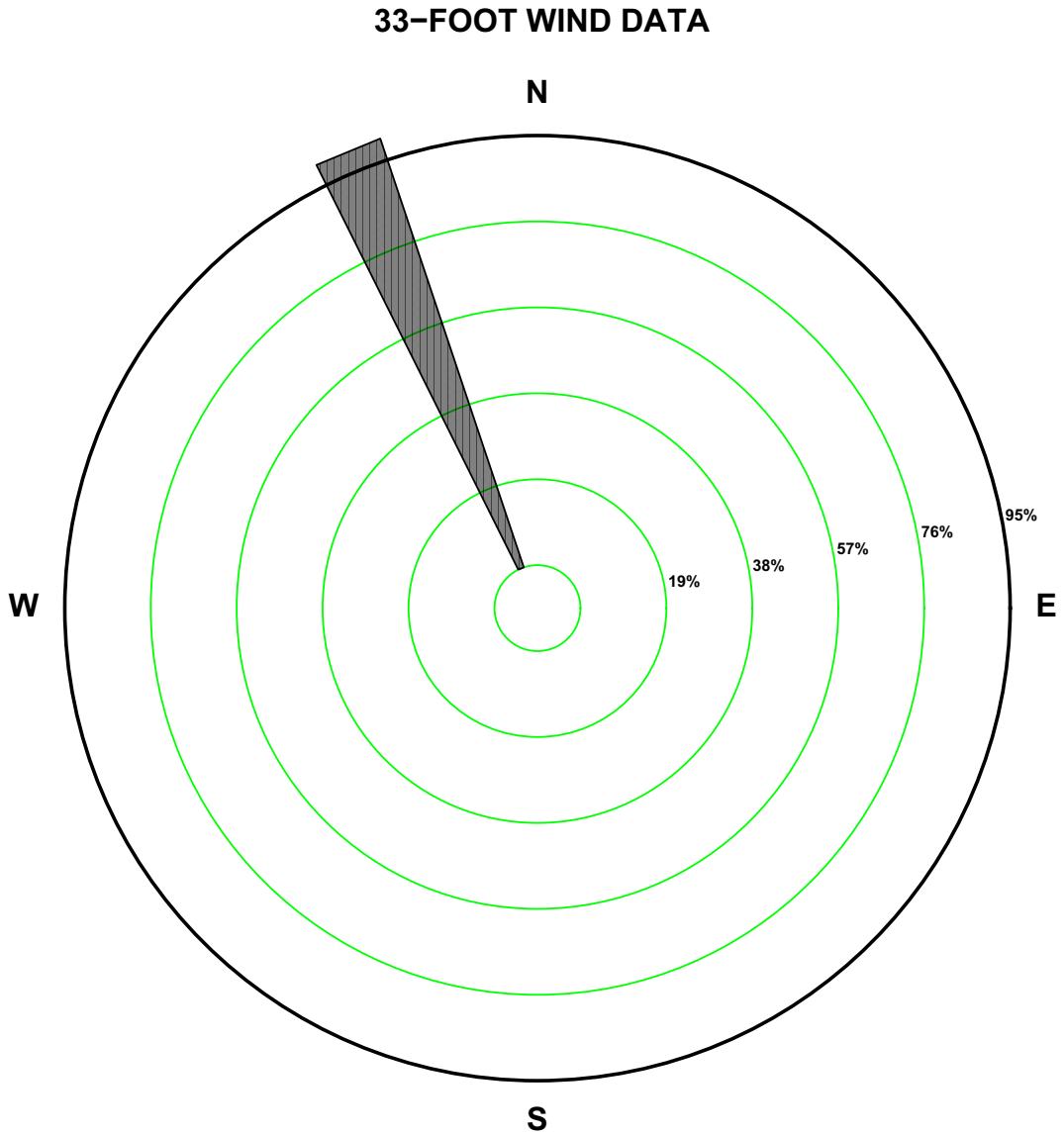
Figure 2.7-34—{CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}



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.

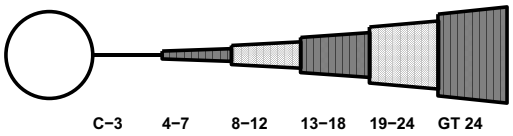


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Figure 2.7-35—{CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

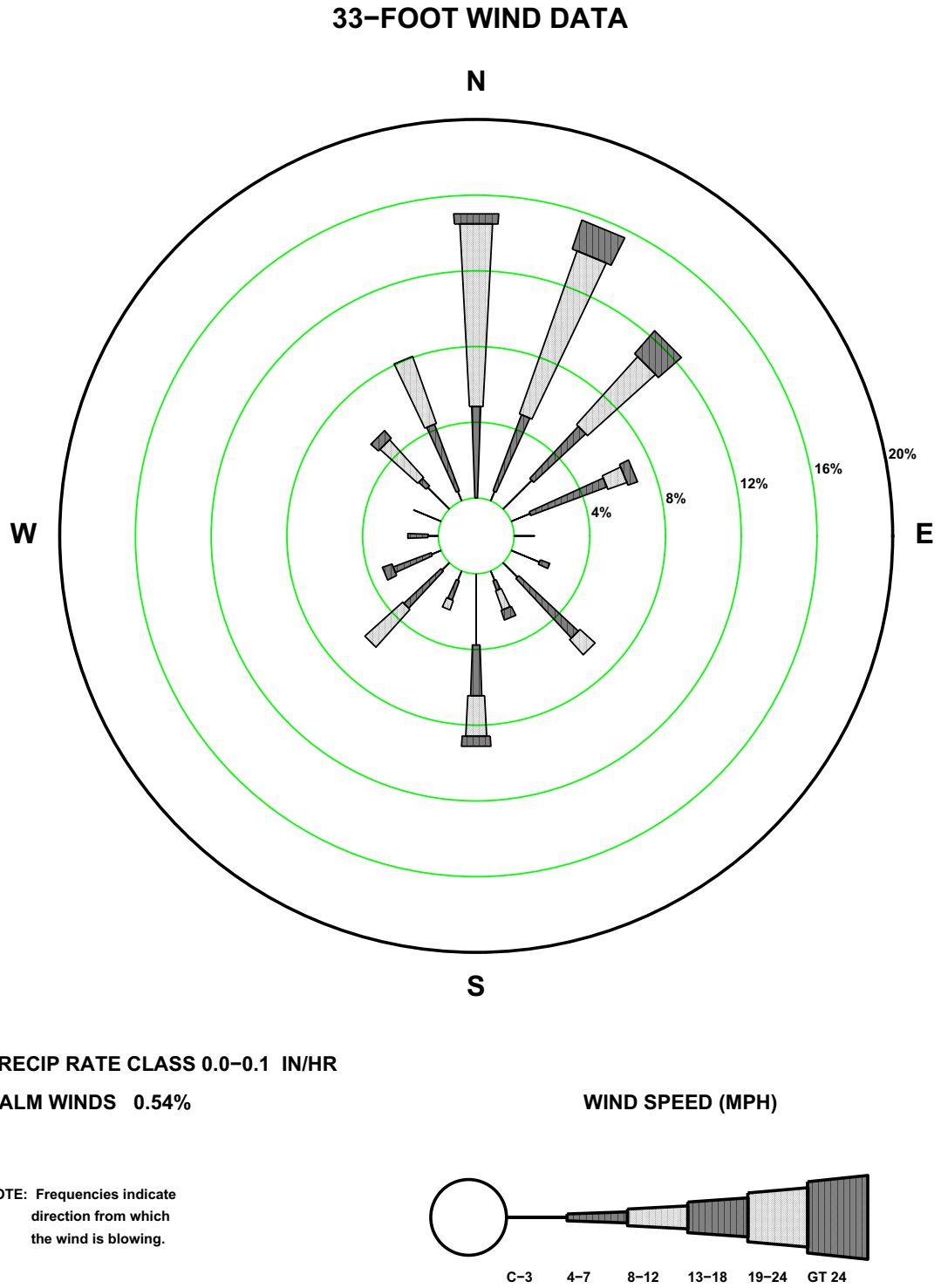

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Figure 2.7-36—{CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

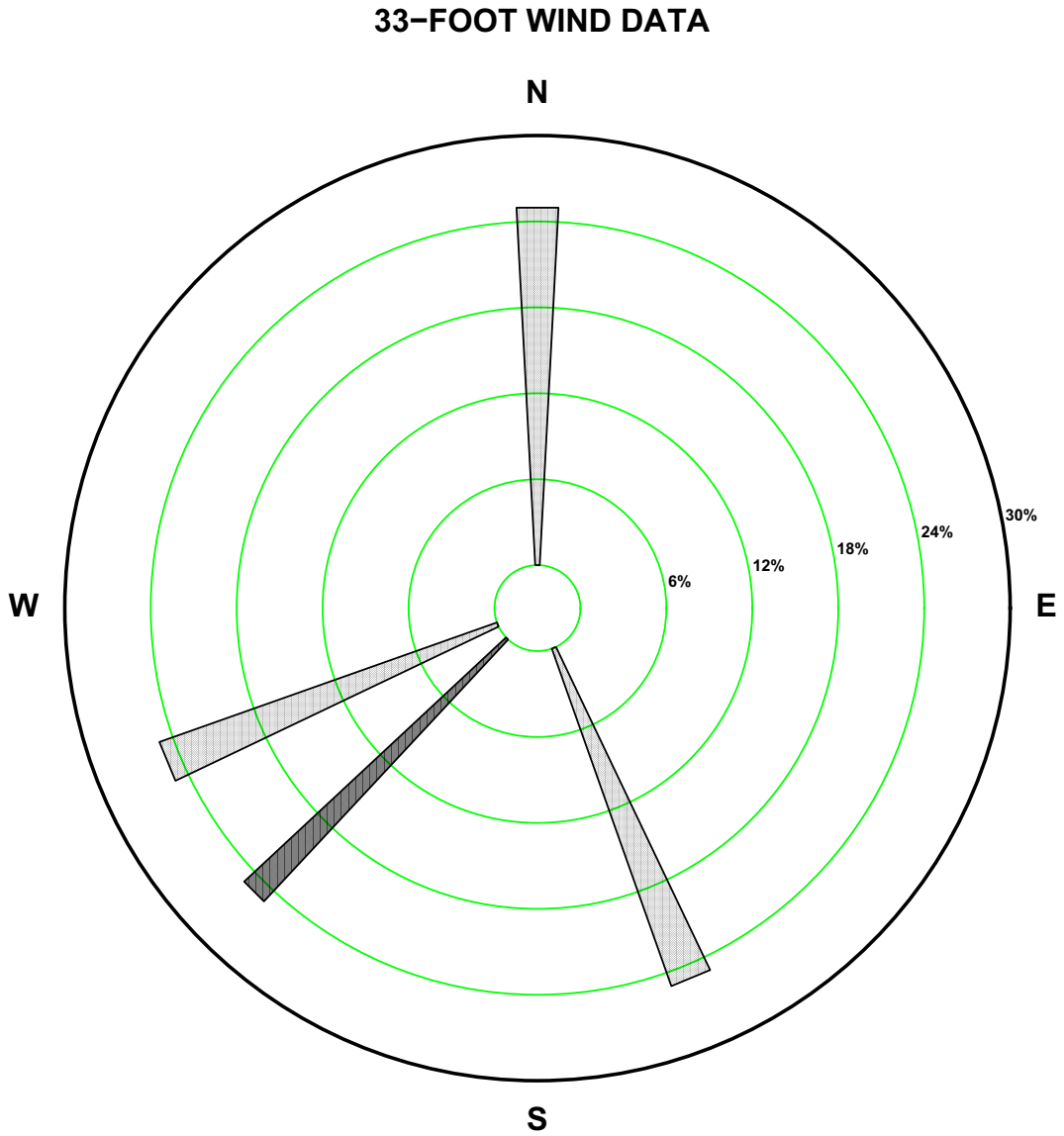

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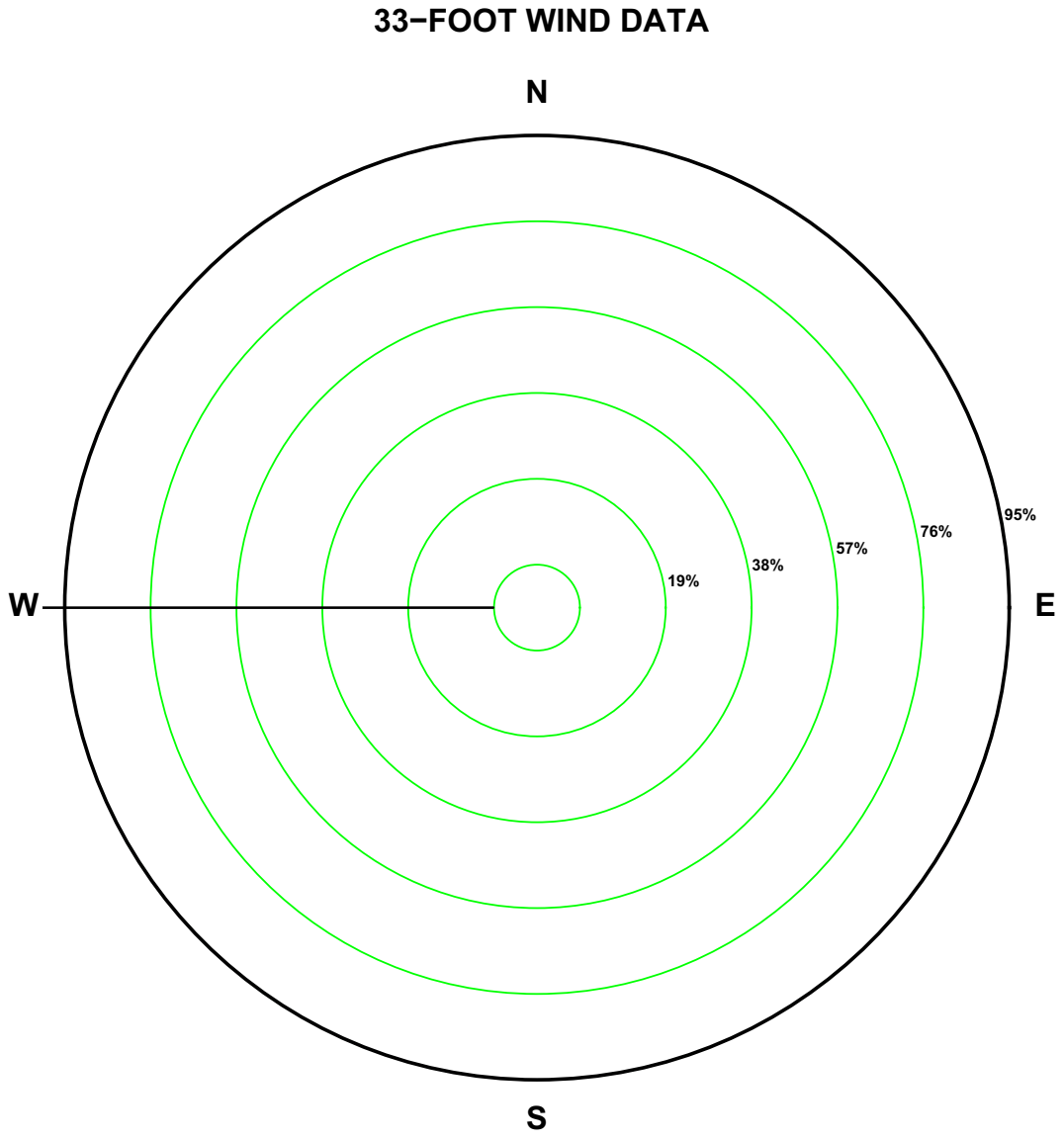
Figure 2.7-37—{CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

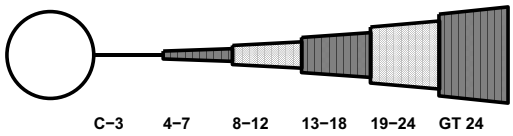


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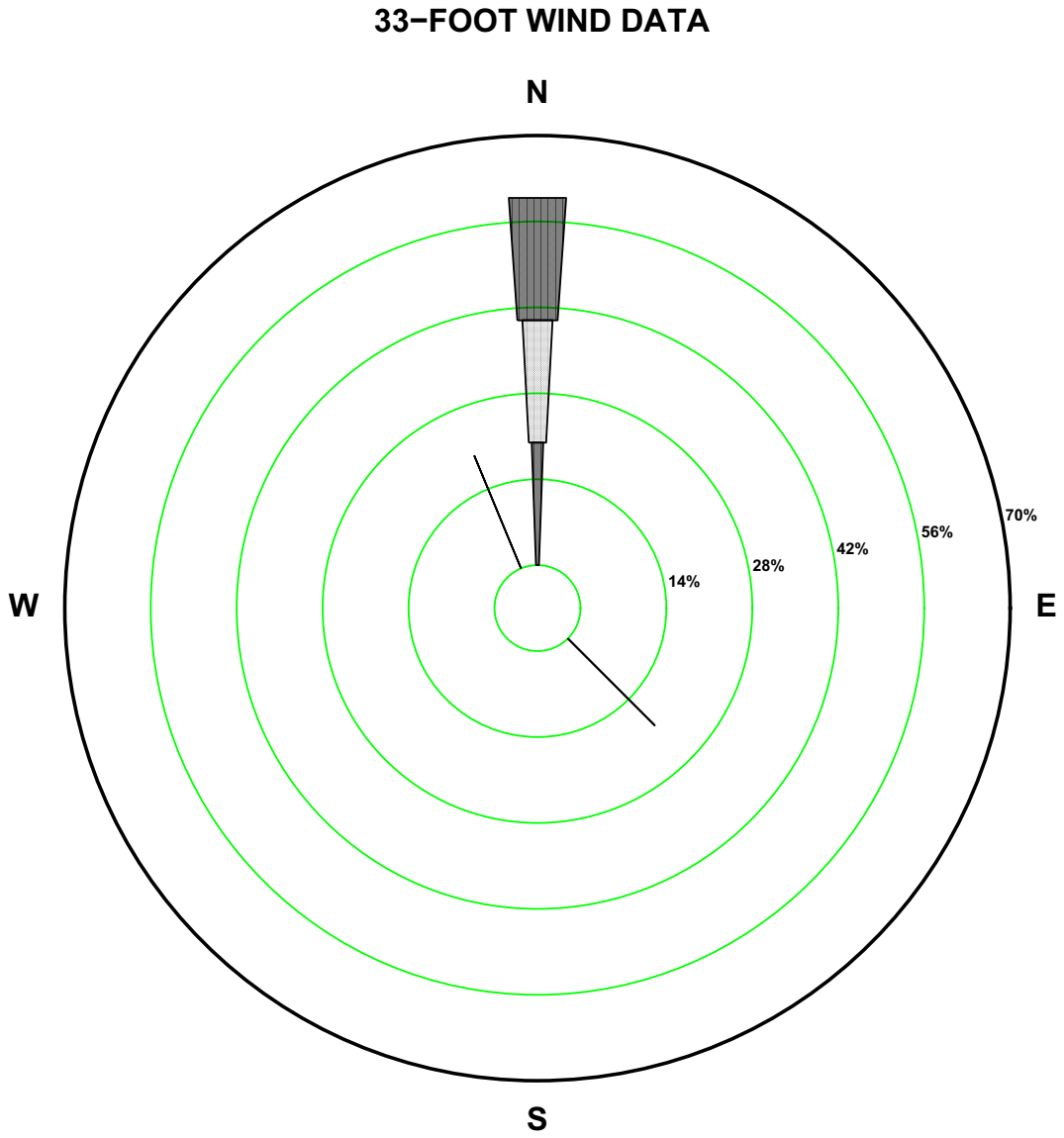
Figure 2.7-38—{CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

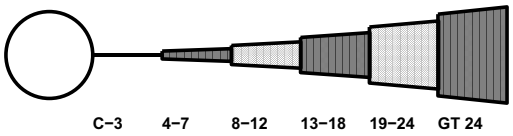


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Figure 2.7-39—{CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

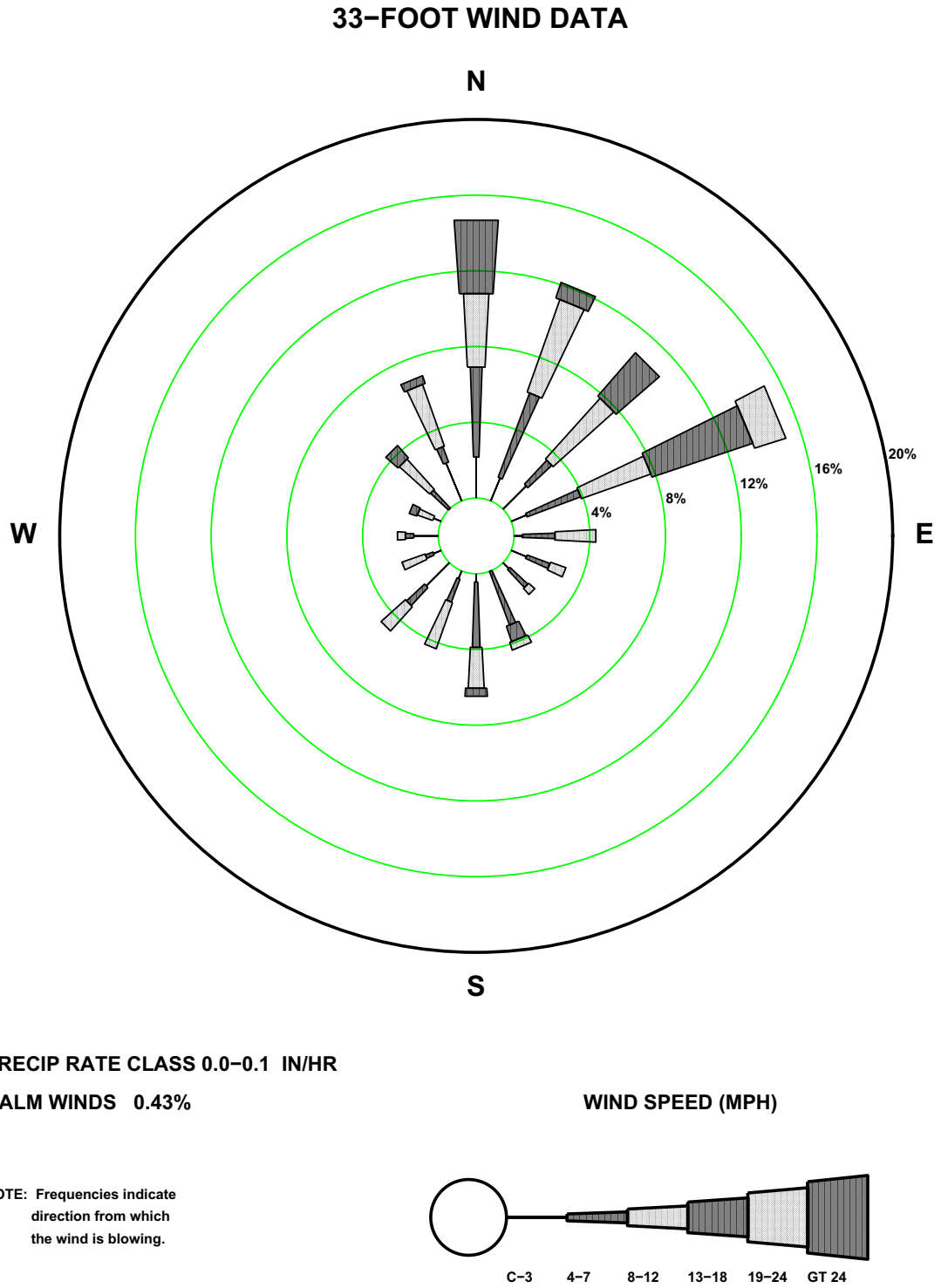

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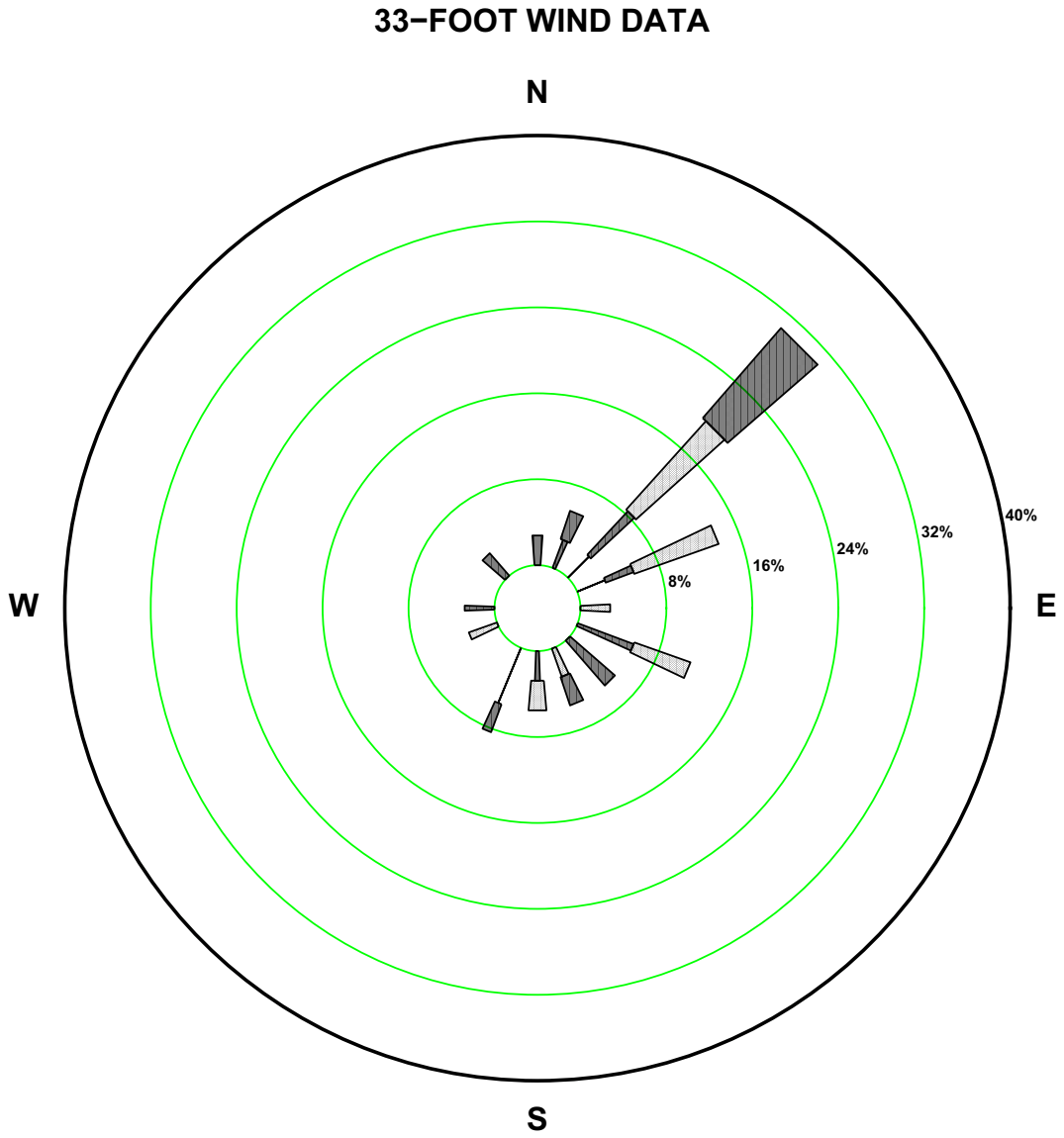
Figure 2.7-40—{CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

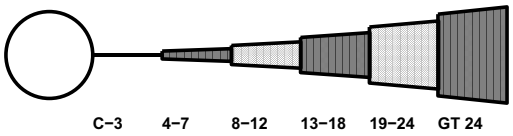


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Figure 2.7-41—{CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

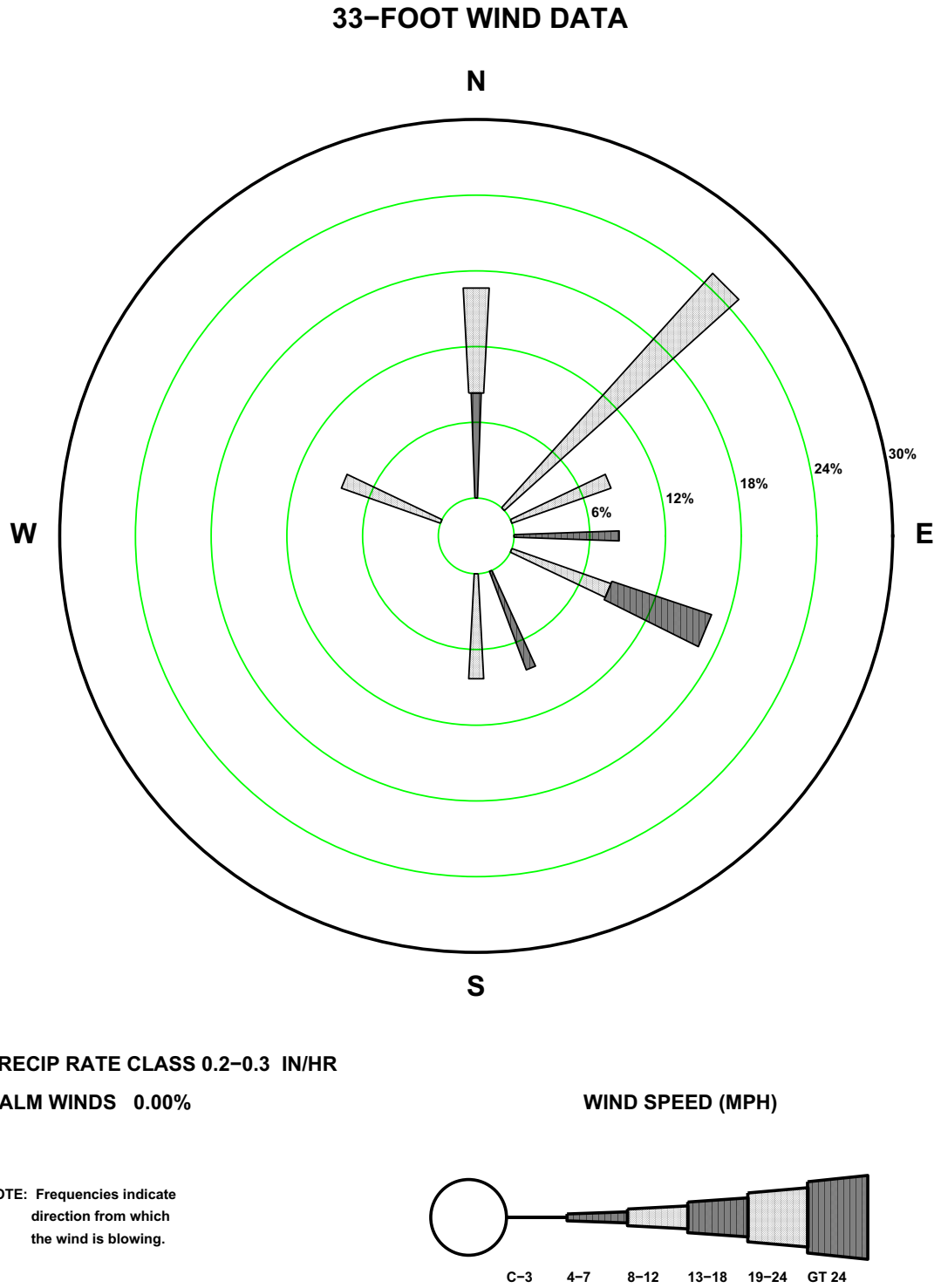

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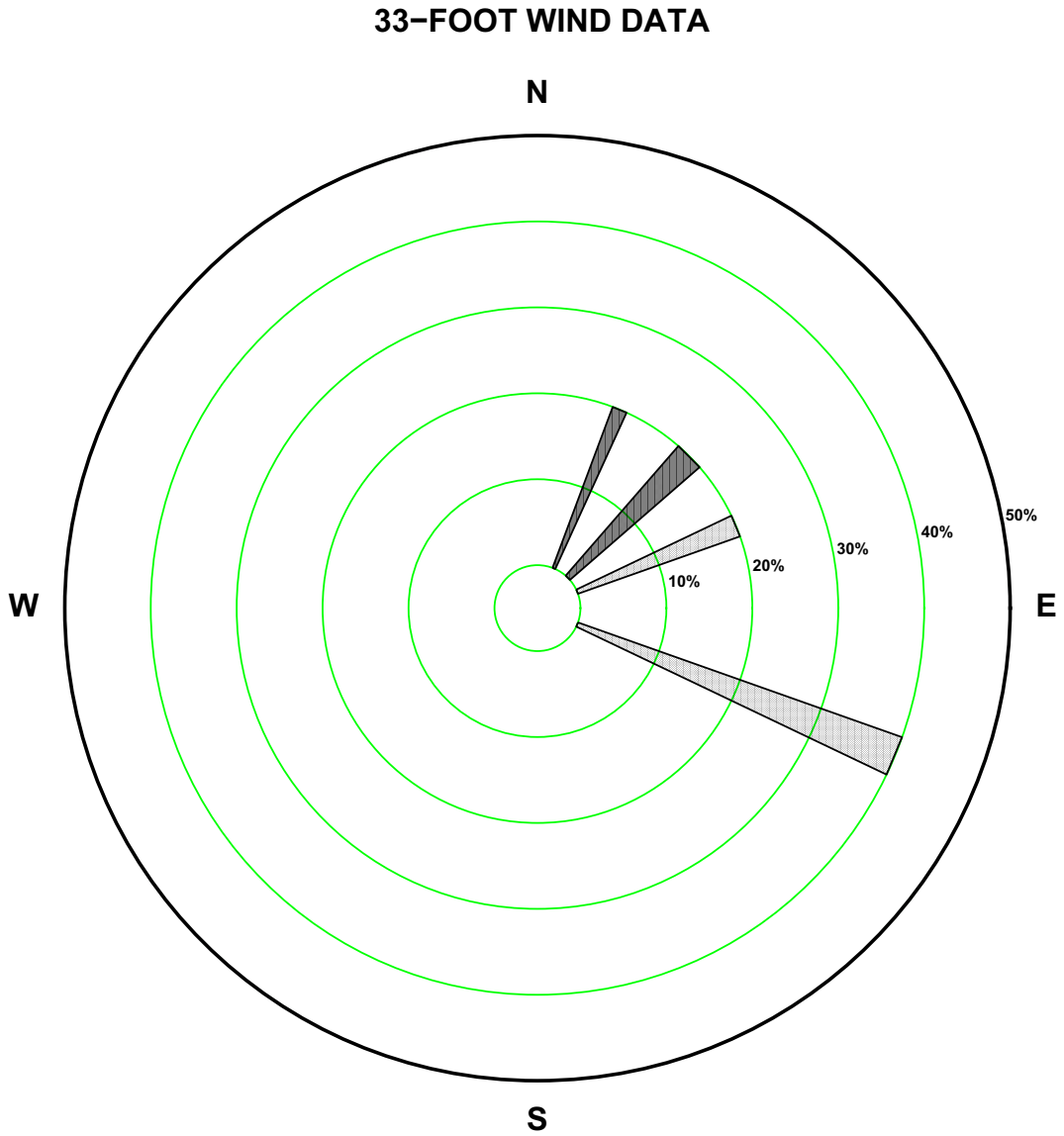
Figure 2.7-42—{CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

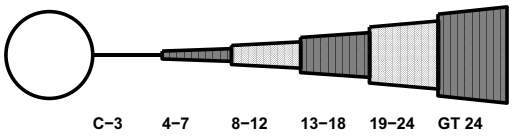


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Figure 2.7-43—{CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

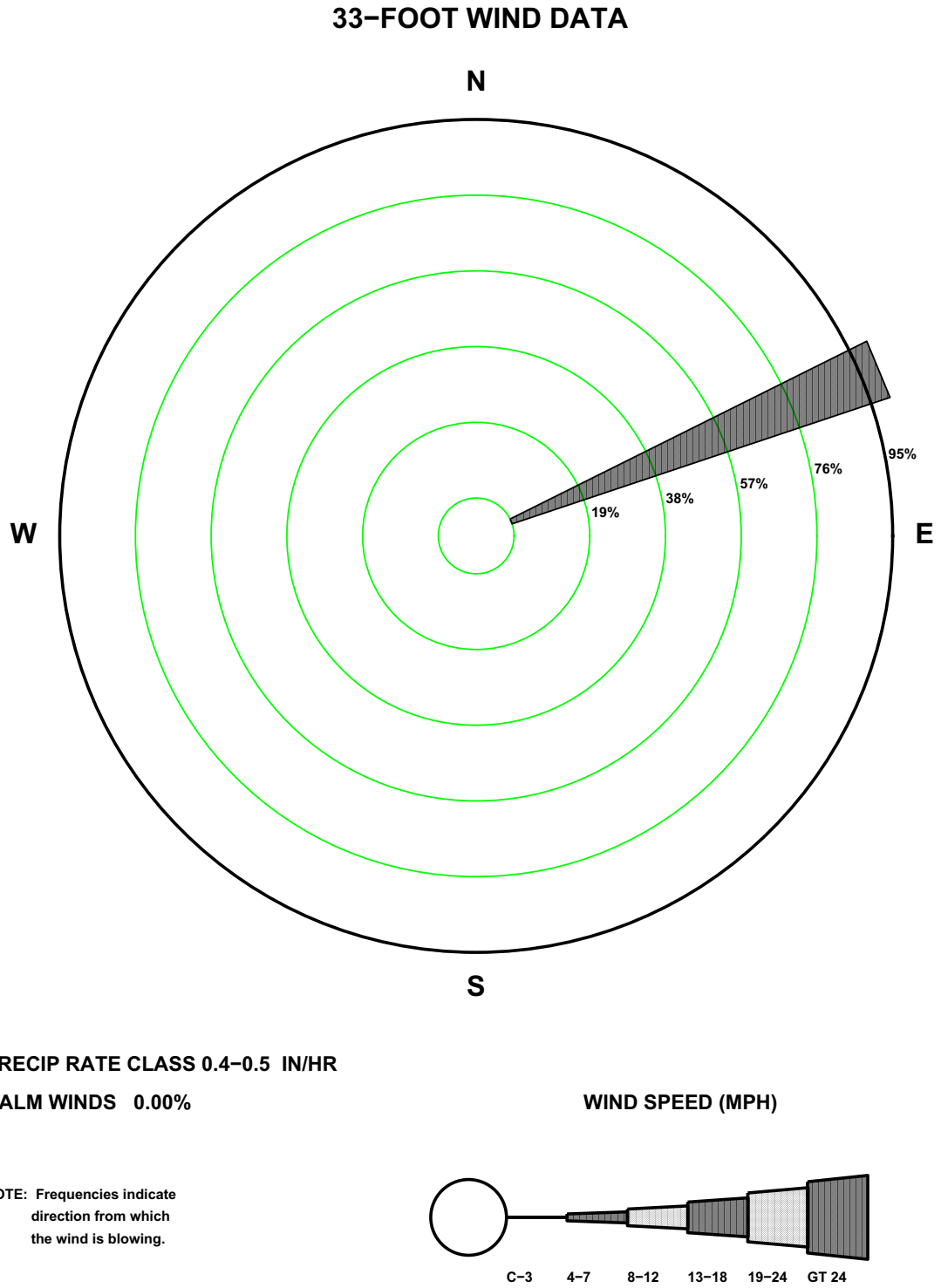

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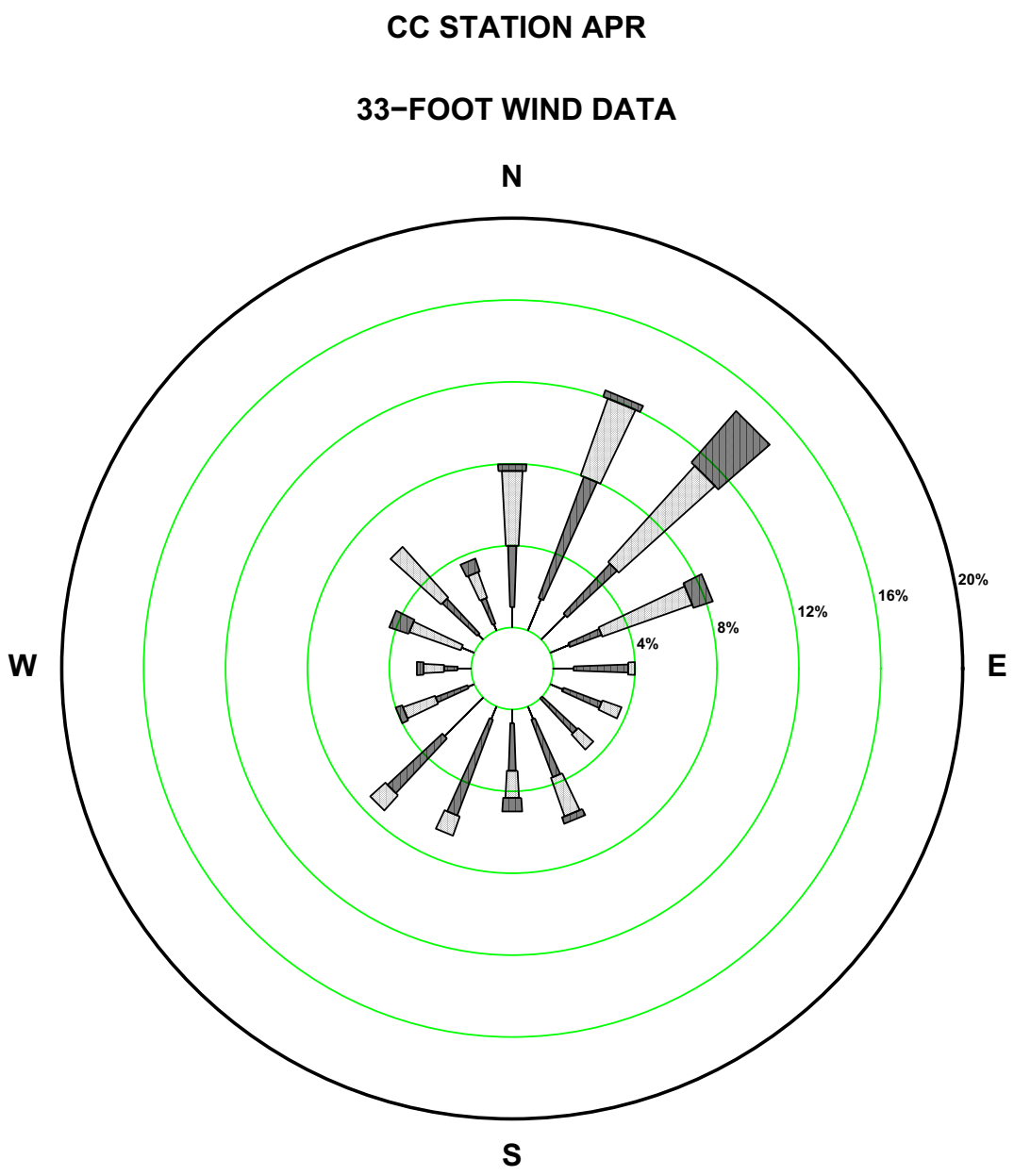
Figure 2.7-44—{CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



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.

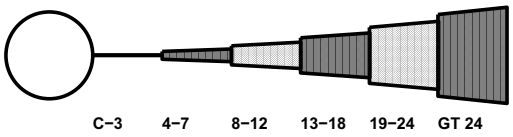


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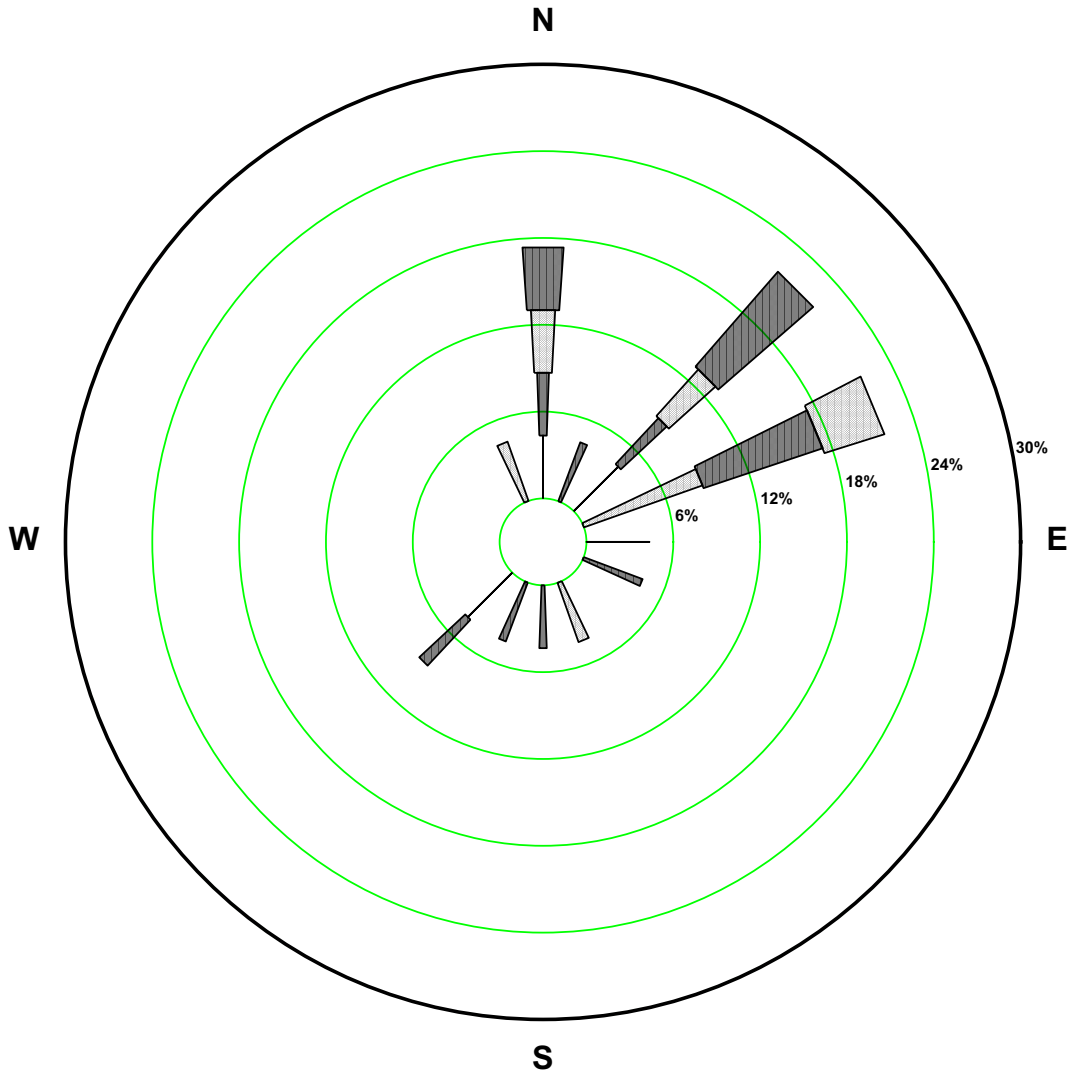
Figure 2.7-45—{CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

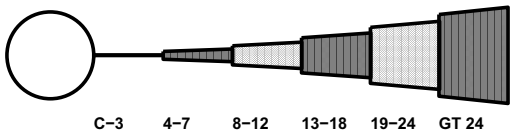


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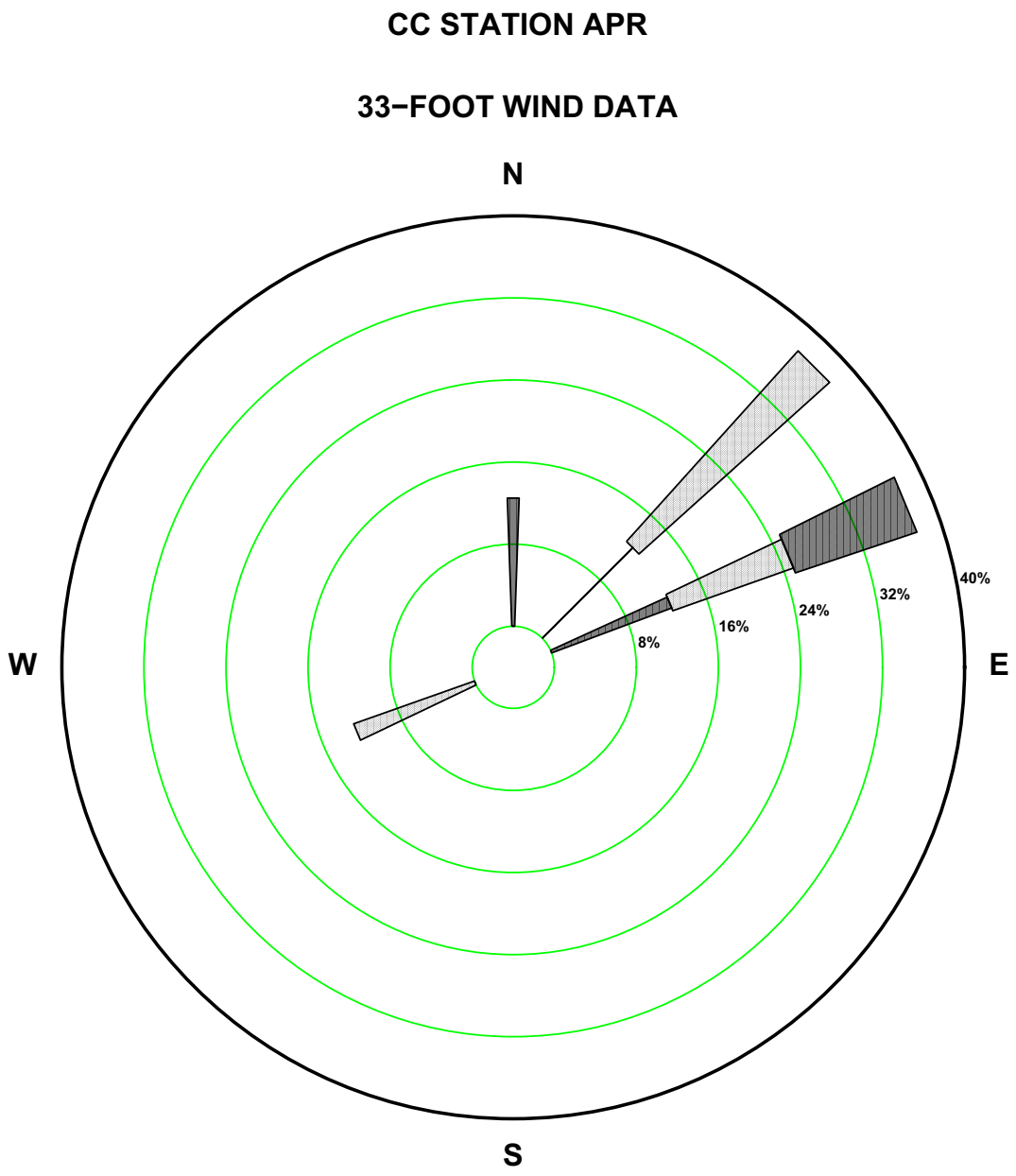
Figure 2.7-46—{CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

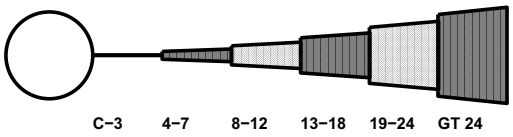


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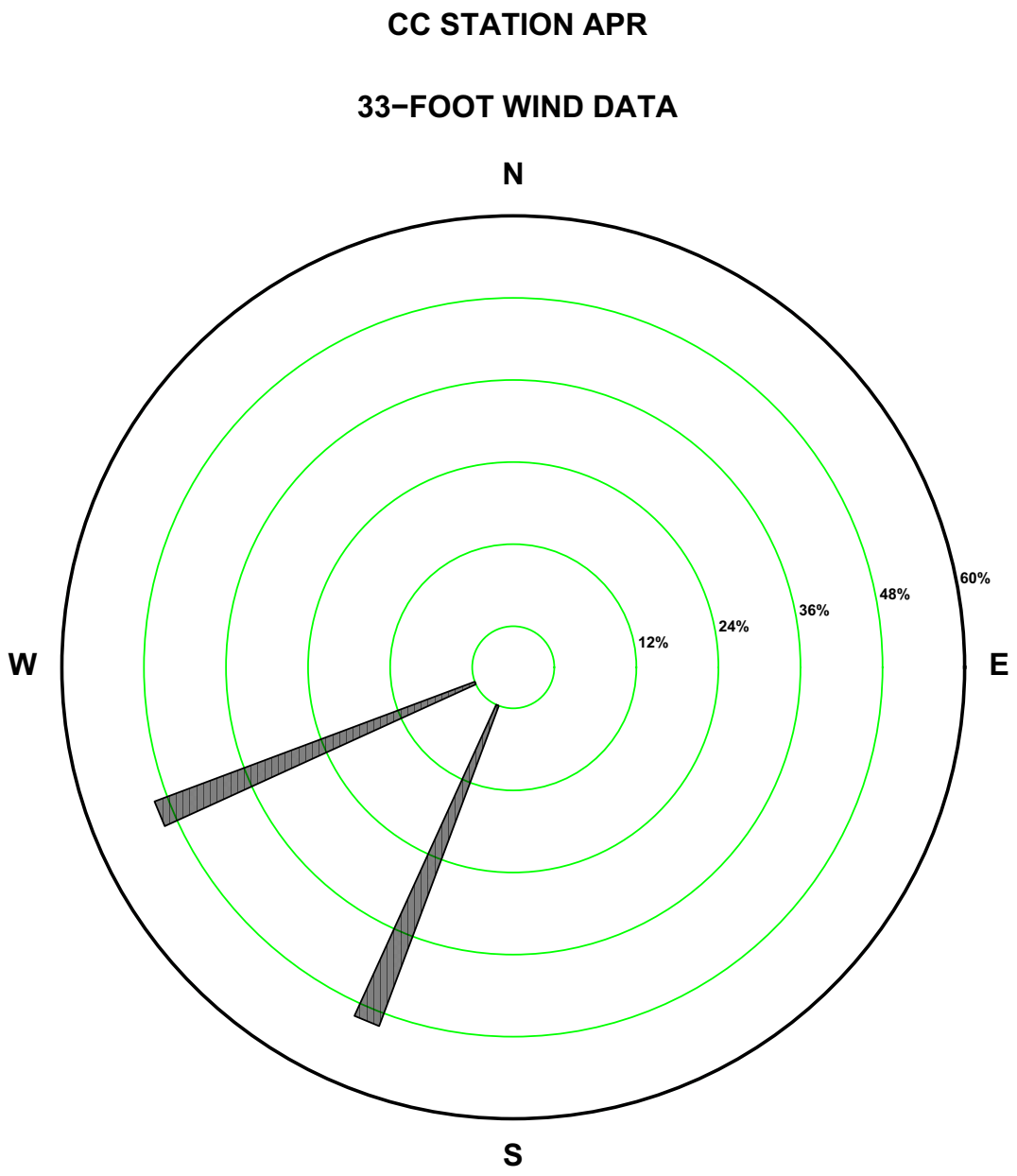
Figure 2.7-47—{CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



PRECIP RATE CLASS 0.3−0.4 IN/HR

CALM WINDS 0.00%

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

WIND SPEED (MPH)

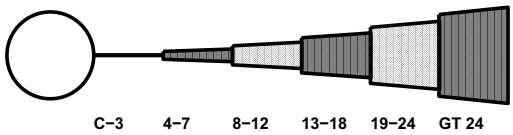


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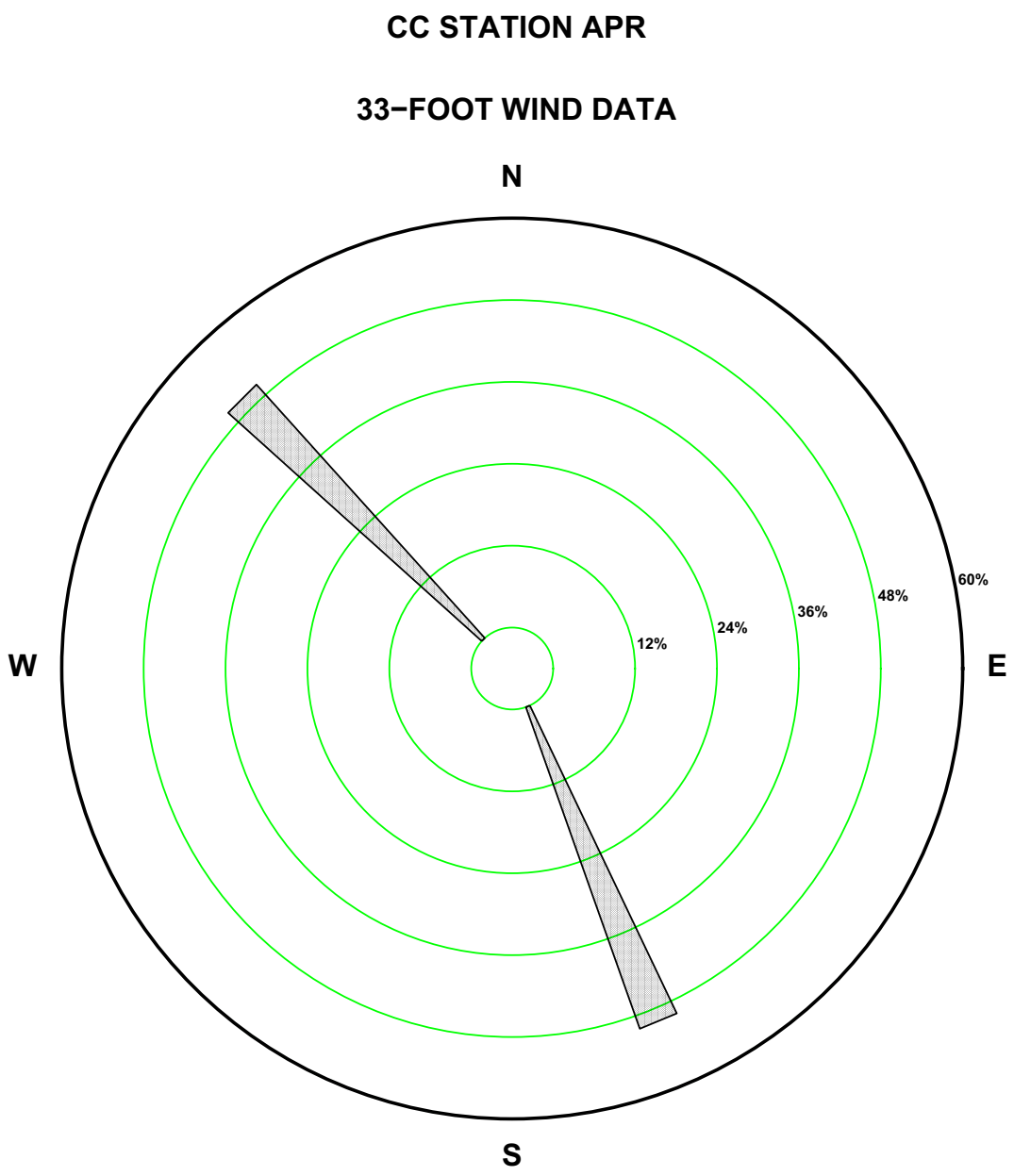
Figure 2.7-48—{CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}



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.

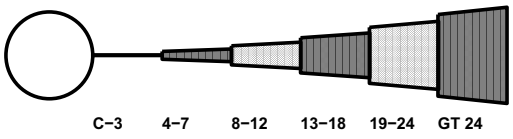


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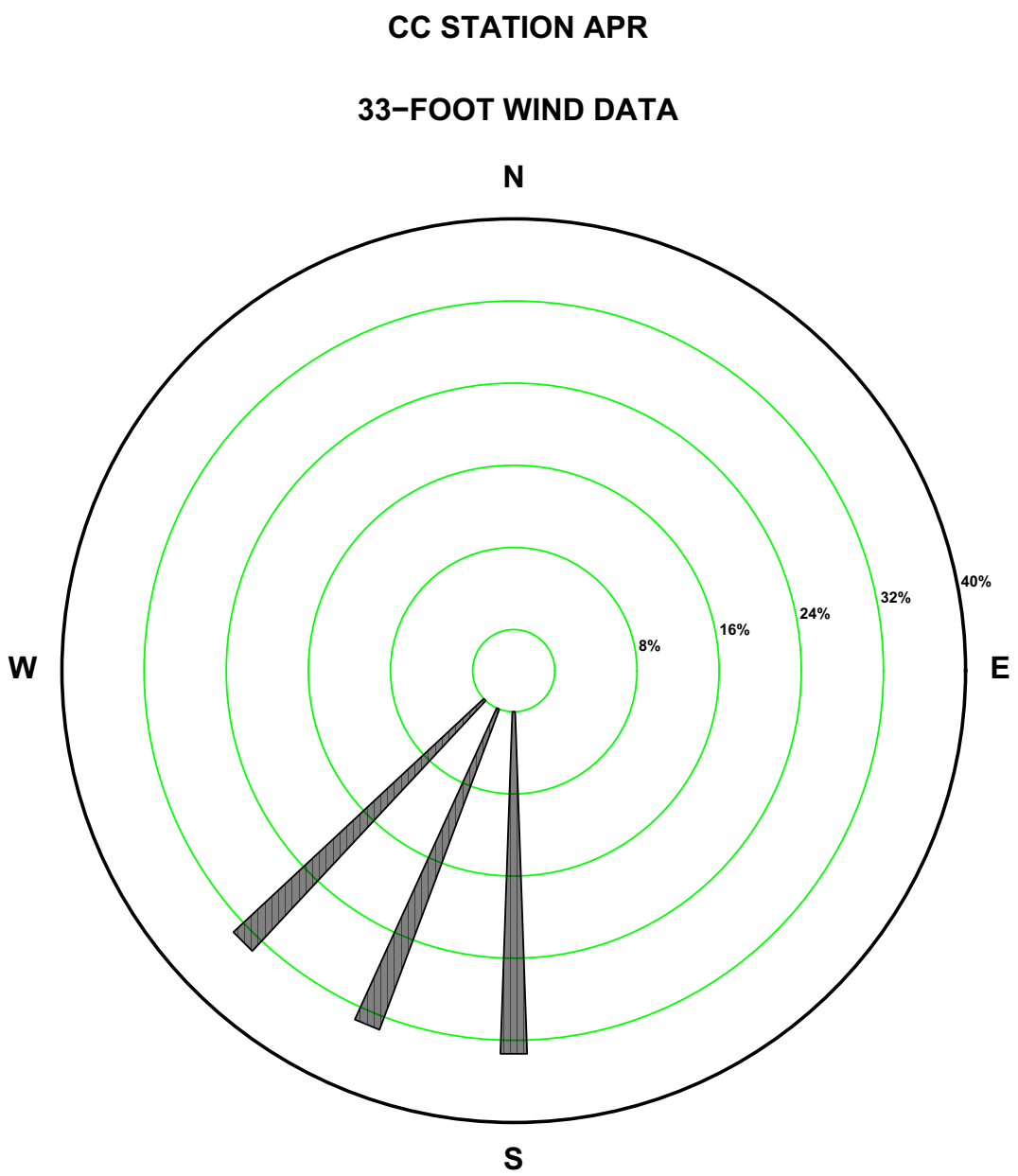
Figure 2.7-49—{CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr}



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.

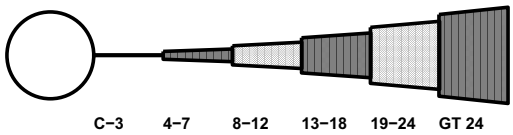


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Figure 2.7-50—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

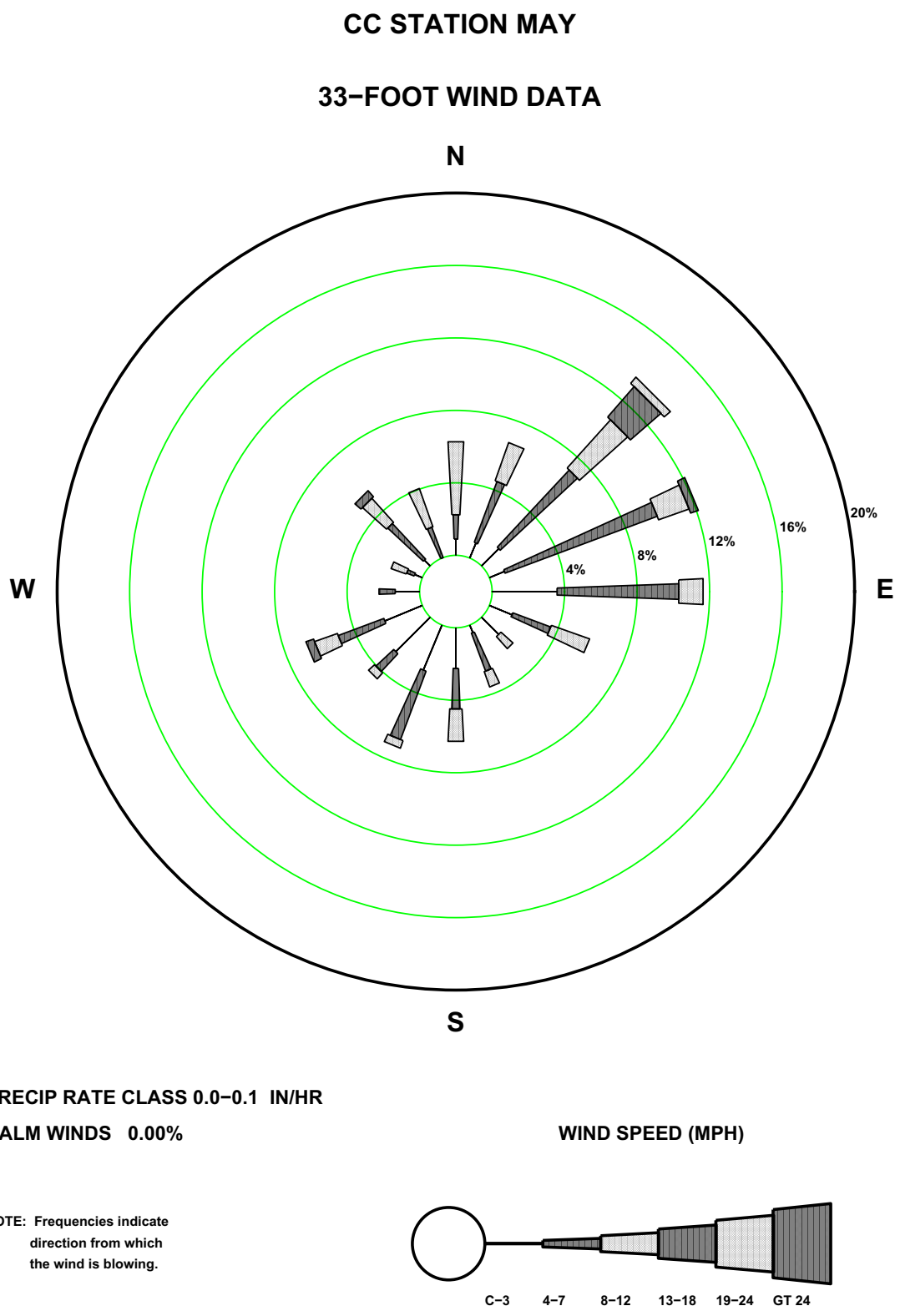

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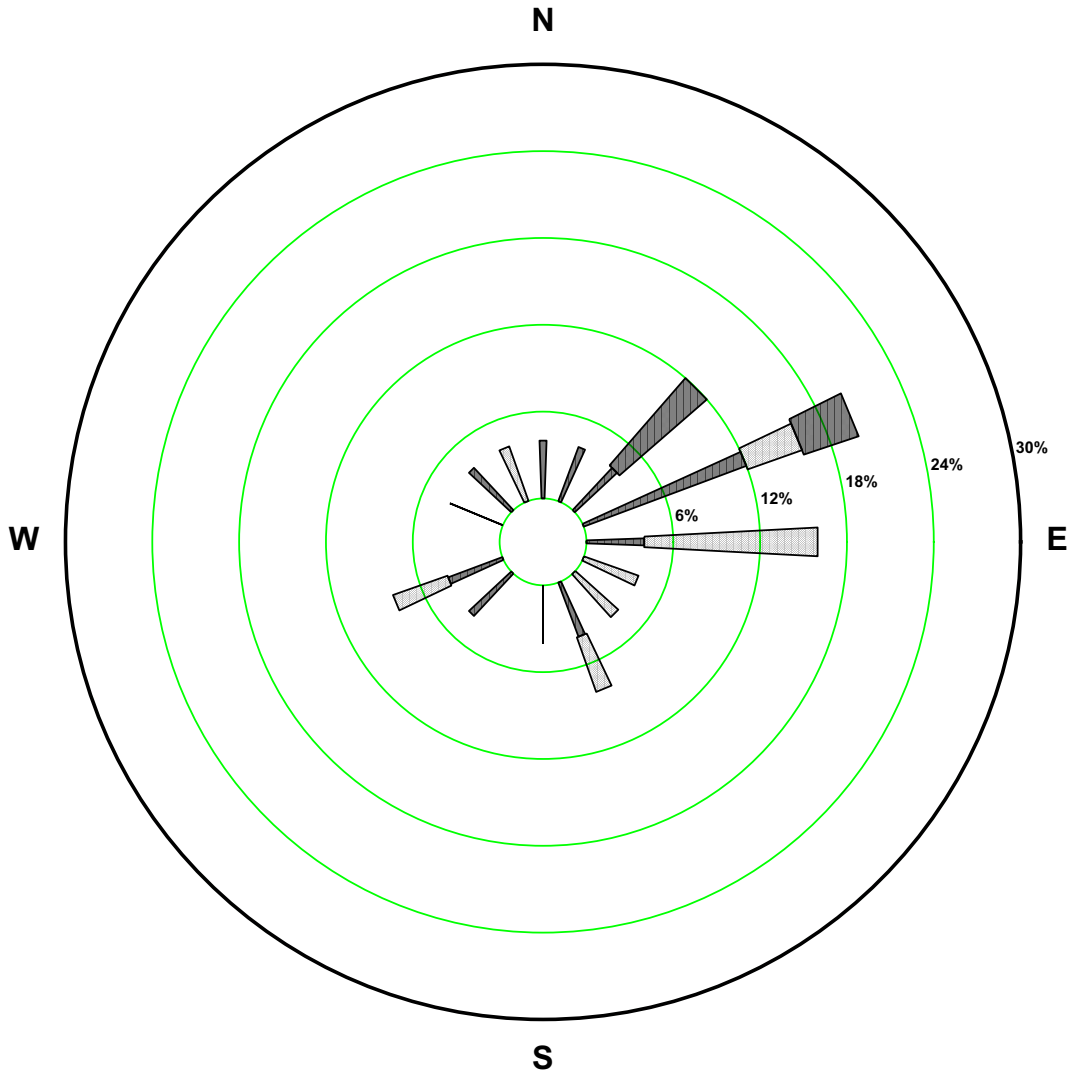
Figure 2.7-51—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

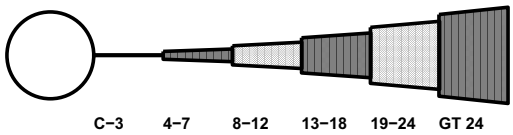


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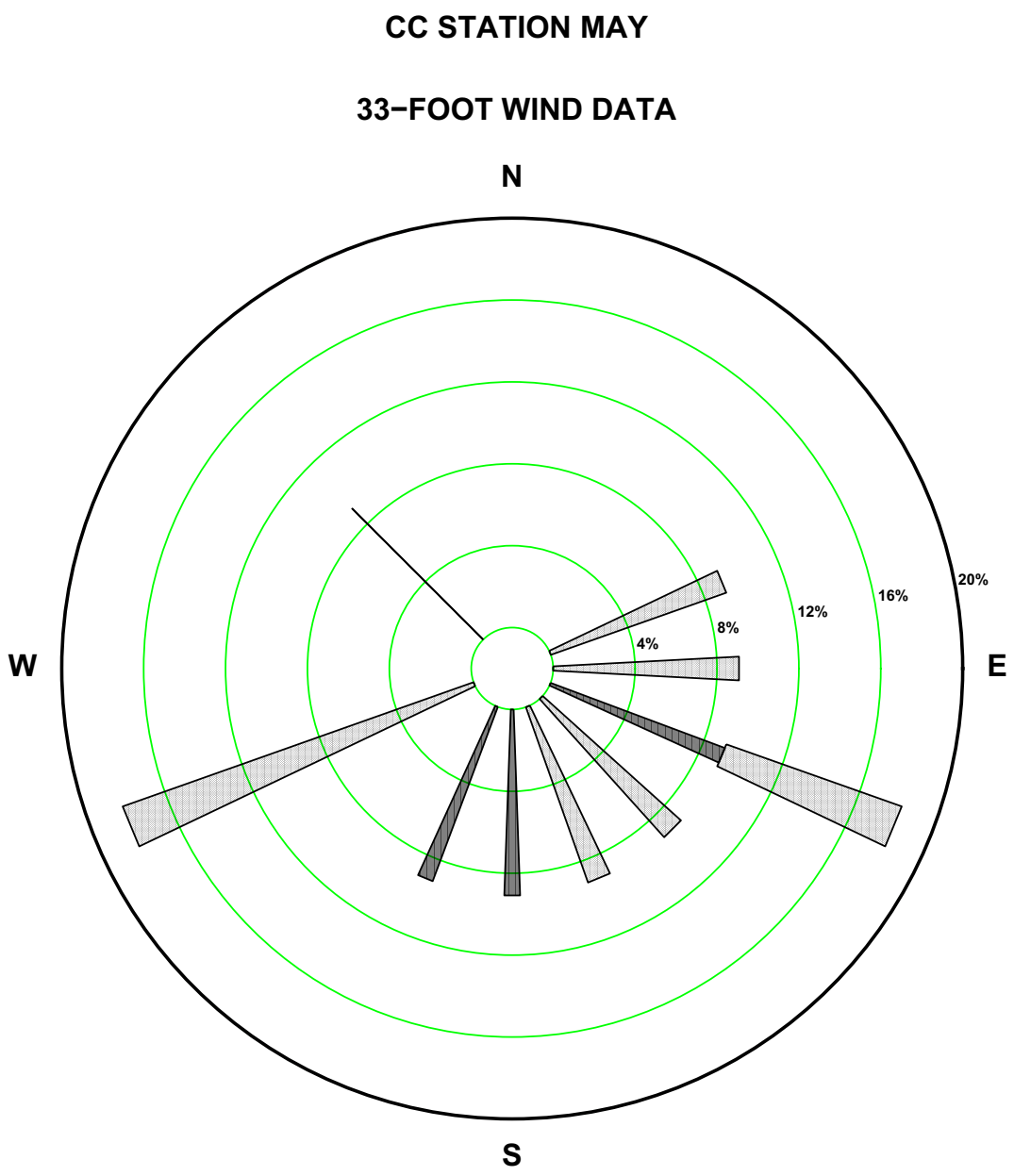
Figure 2.7-52—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

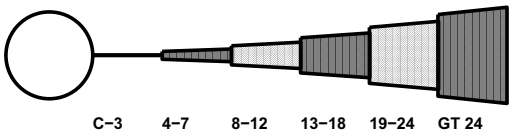


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Figure 2.7-53—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

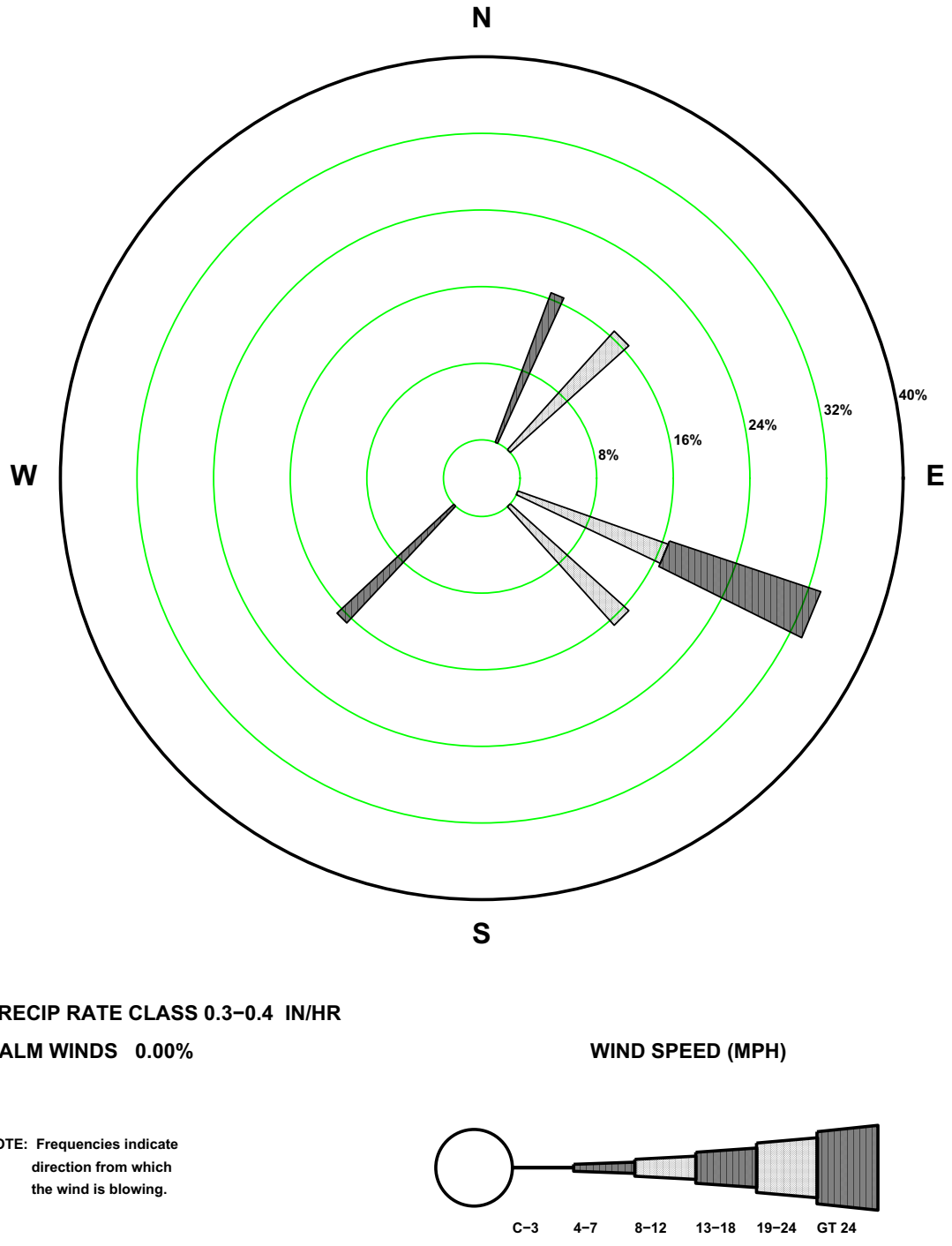

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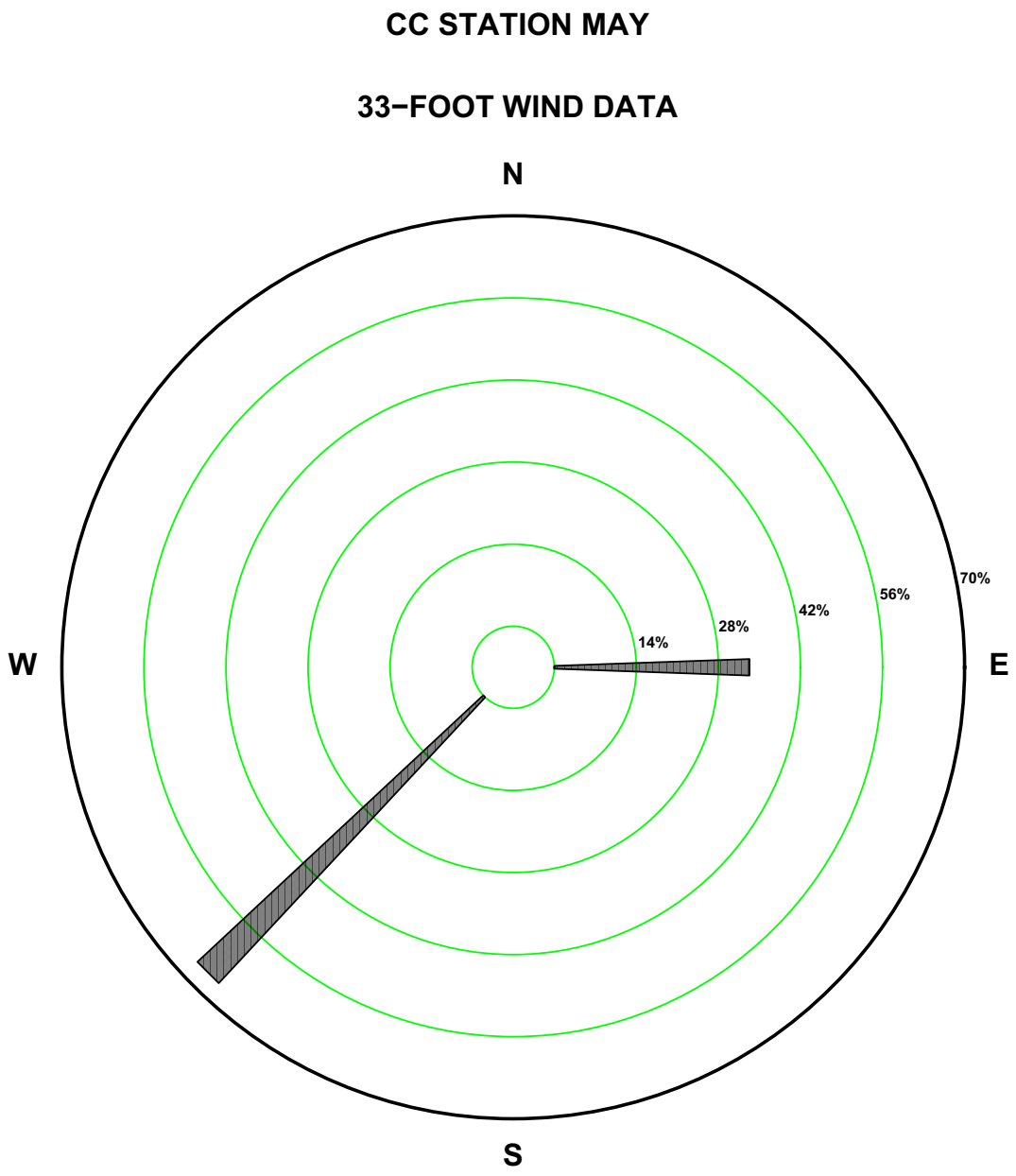
Figure 2.7-54—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}



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.

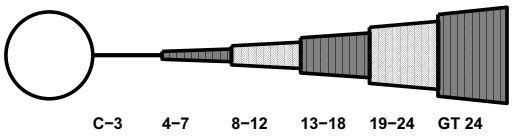


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Figure 2.7-55—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}

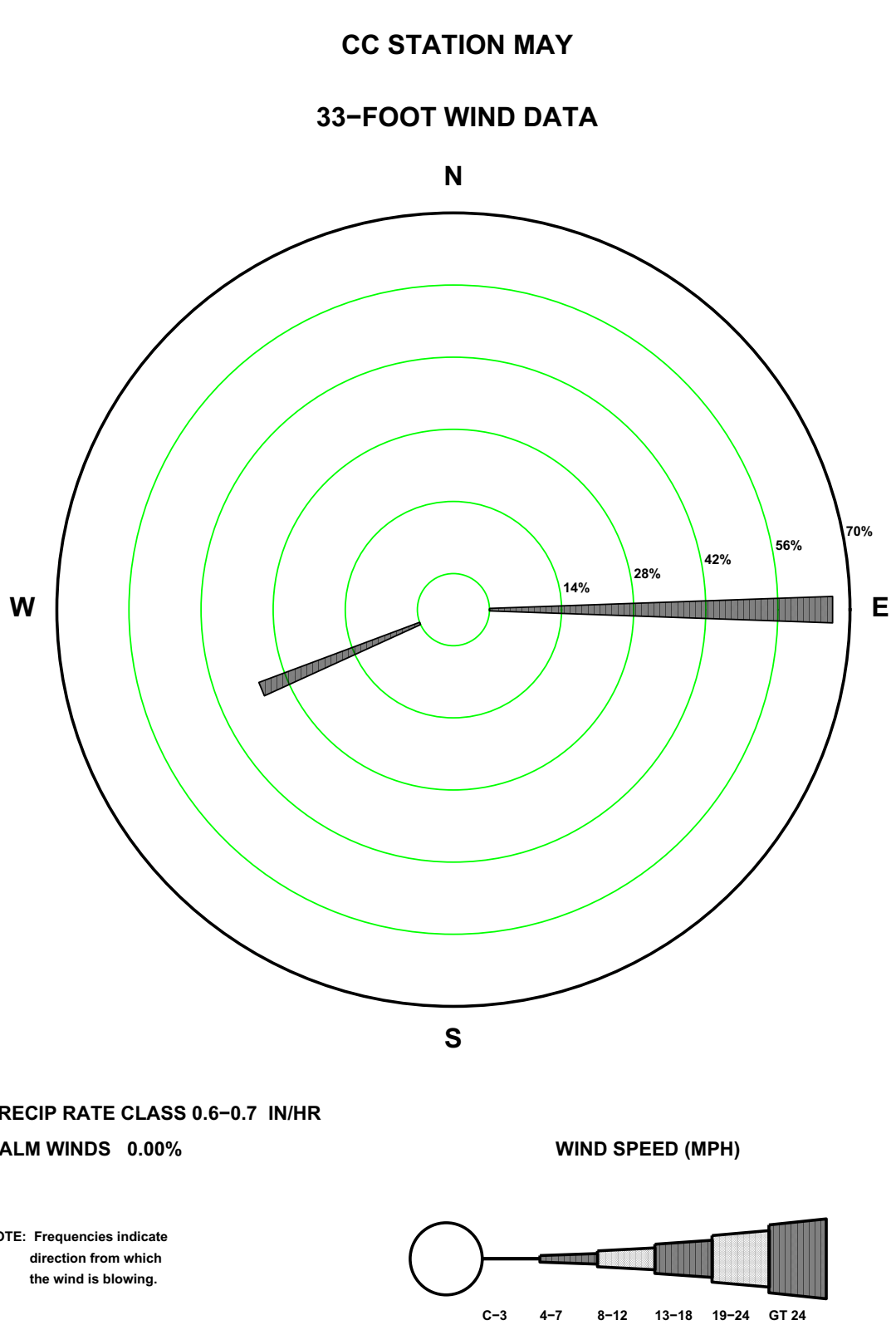

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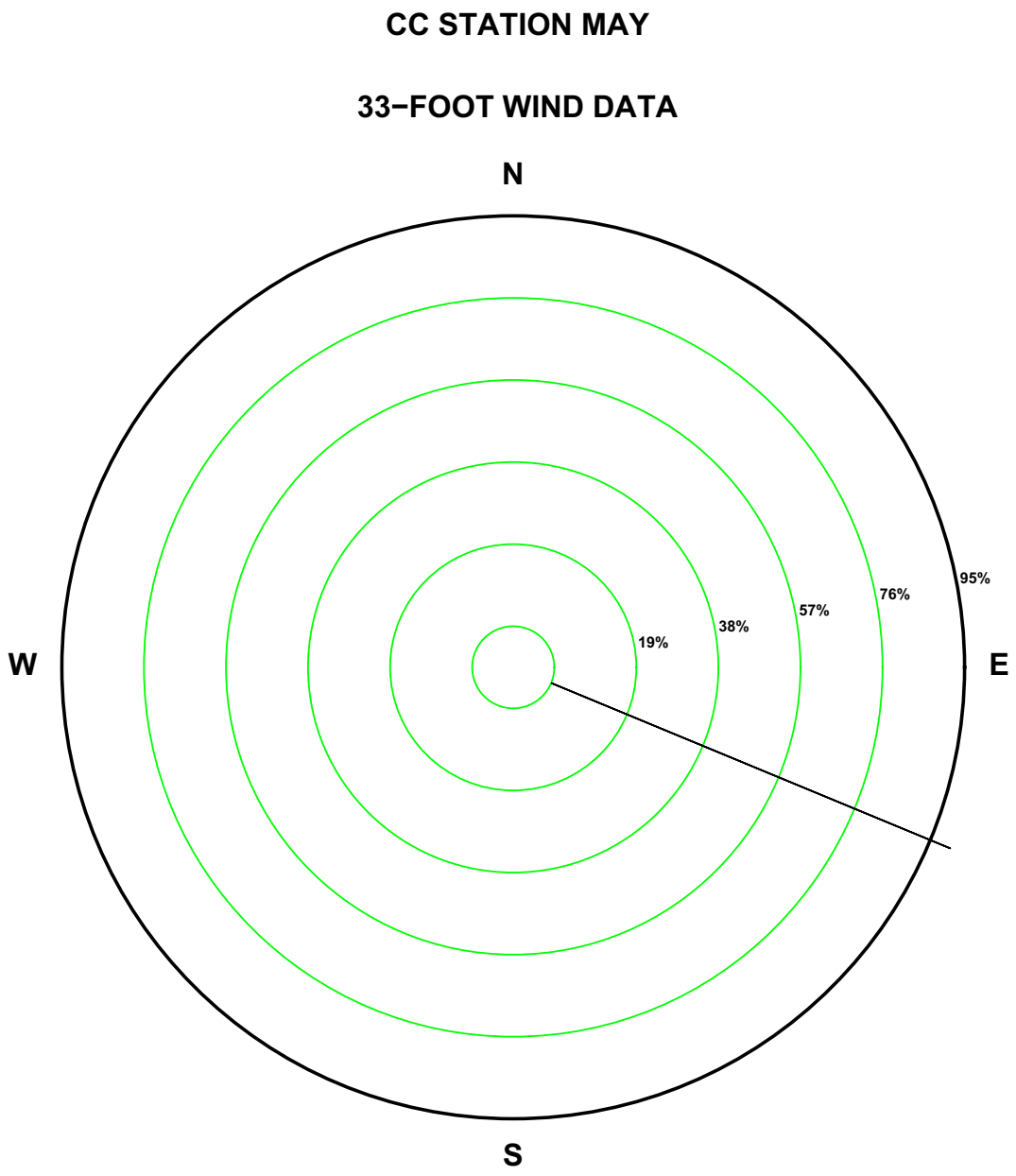
Figure 2.7-56—{CCNPP 33 ft May Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr}



PRECIP RATE CLASS 1.0−2.0 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

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

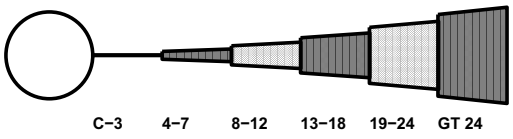


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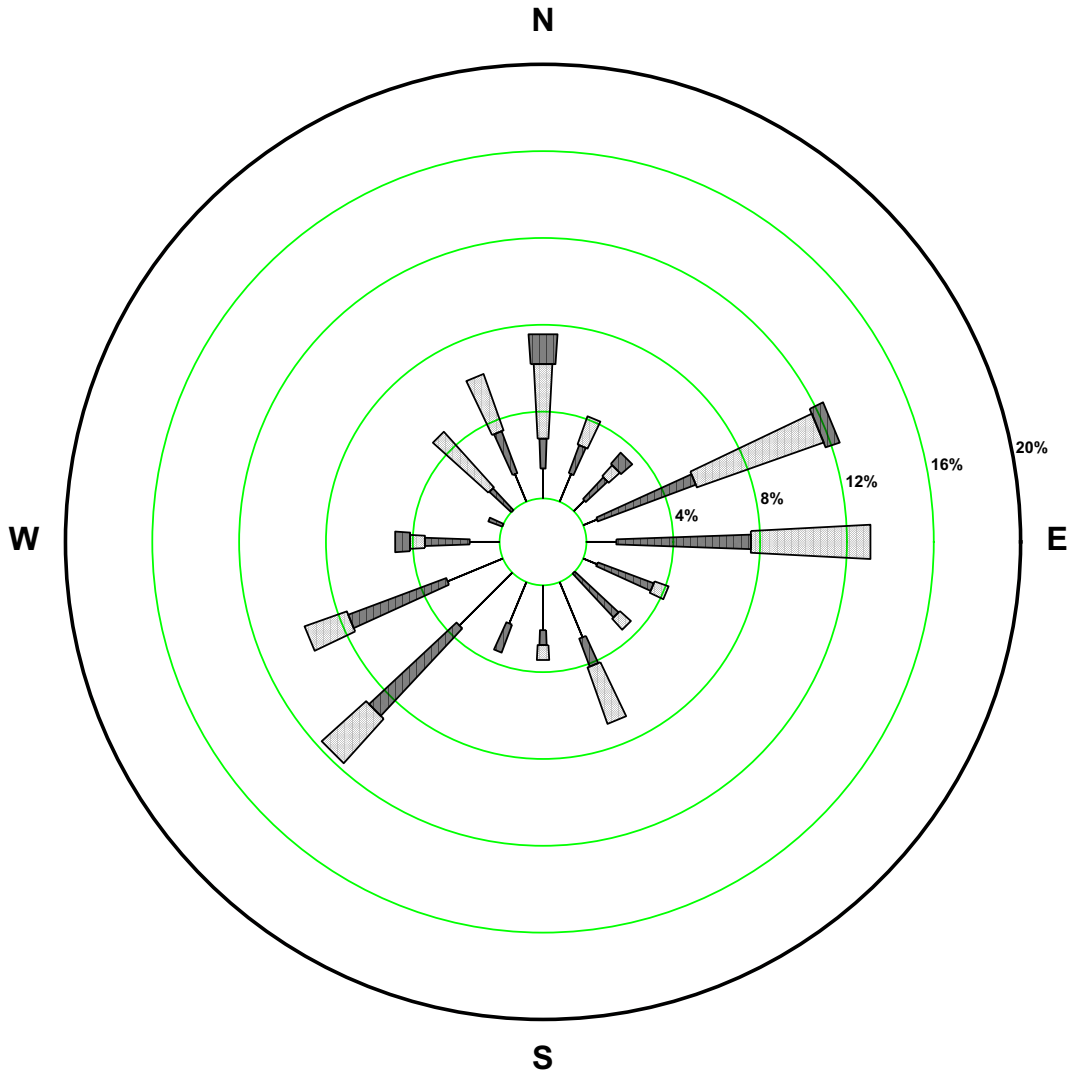
Figure 2.7-57—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



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.

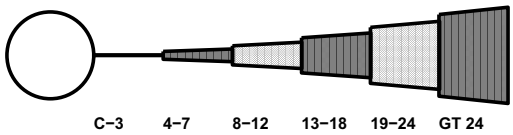


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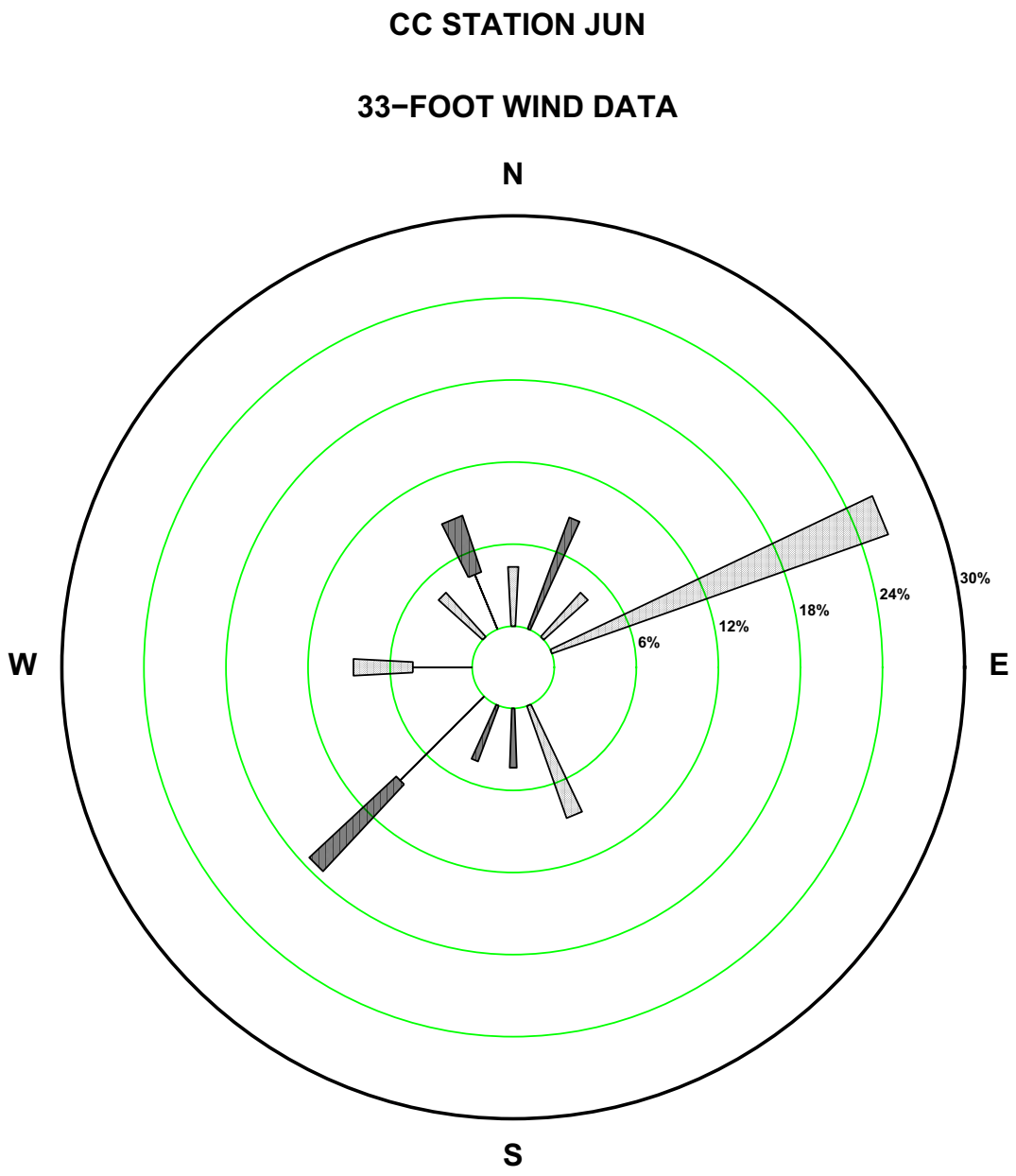
Figure 2.7-58—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

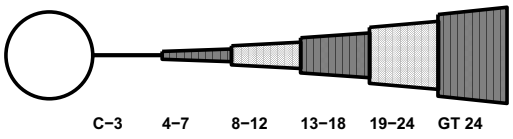


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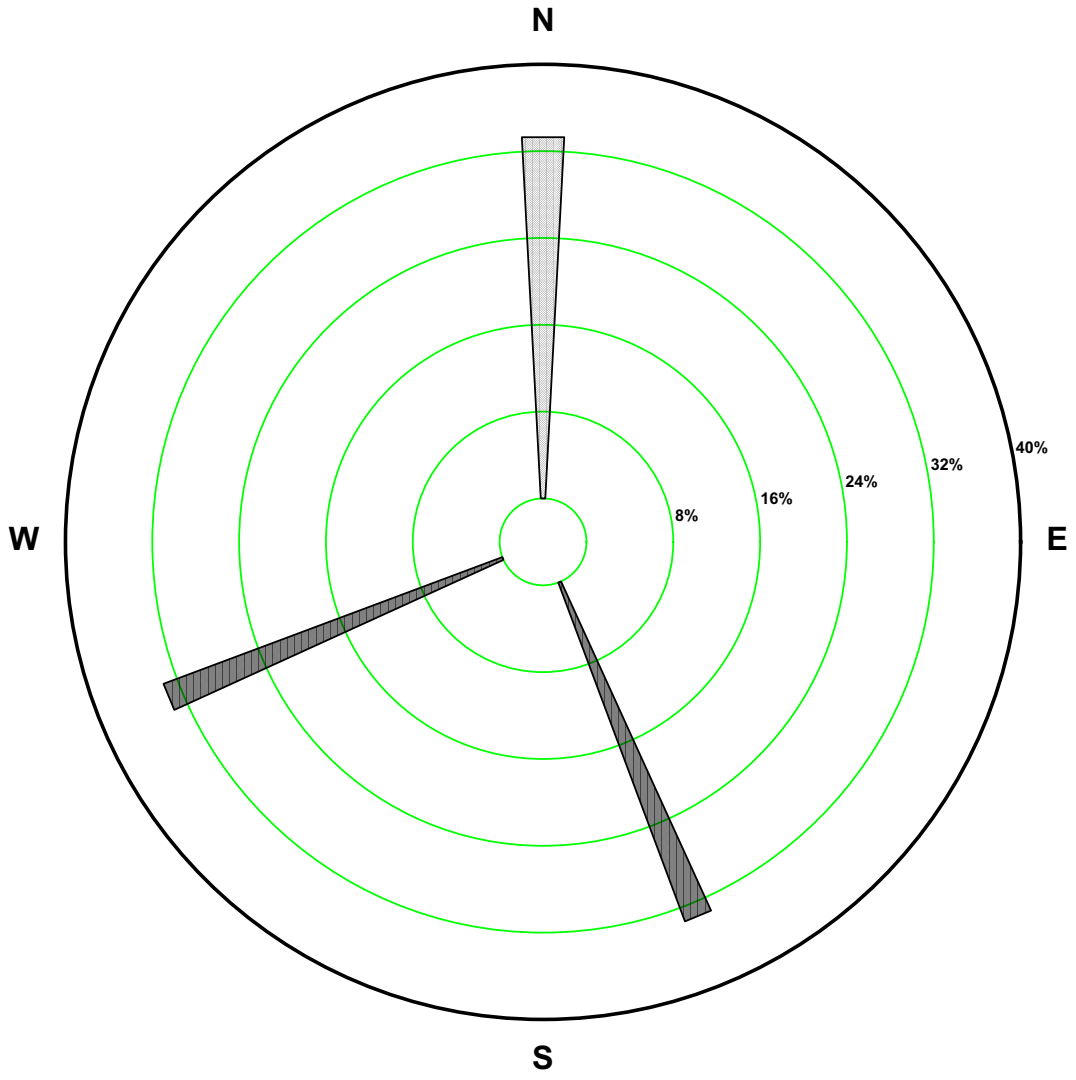
Figure 2.7-59—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

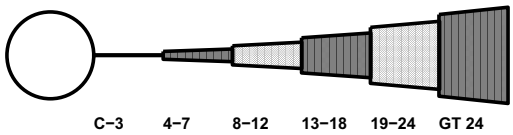


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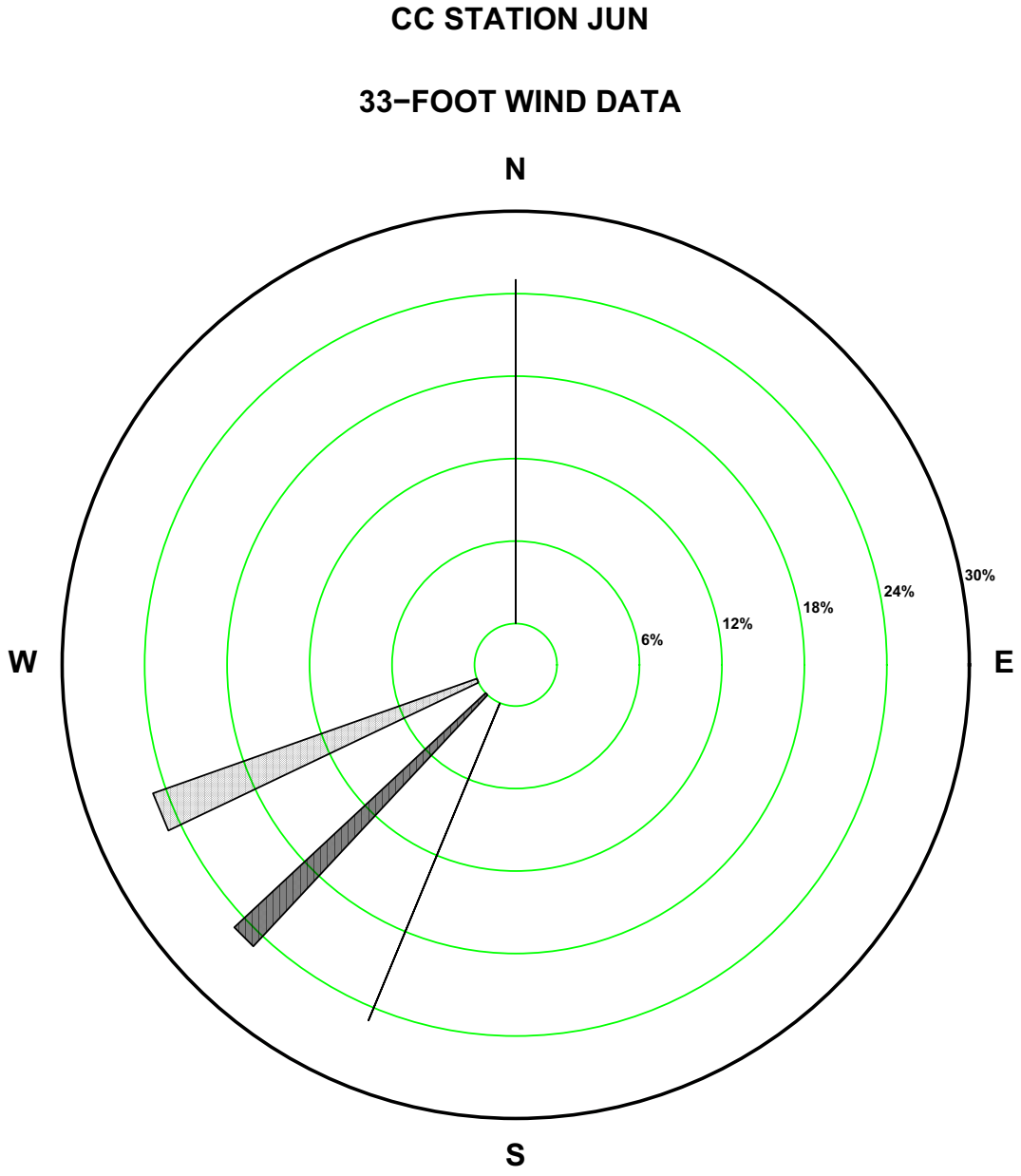
Figure 2.7-60—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

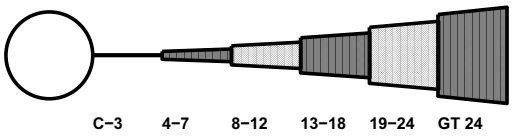


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Figure 2.7-61—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}

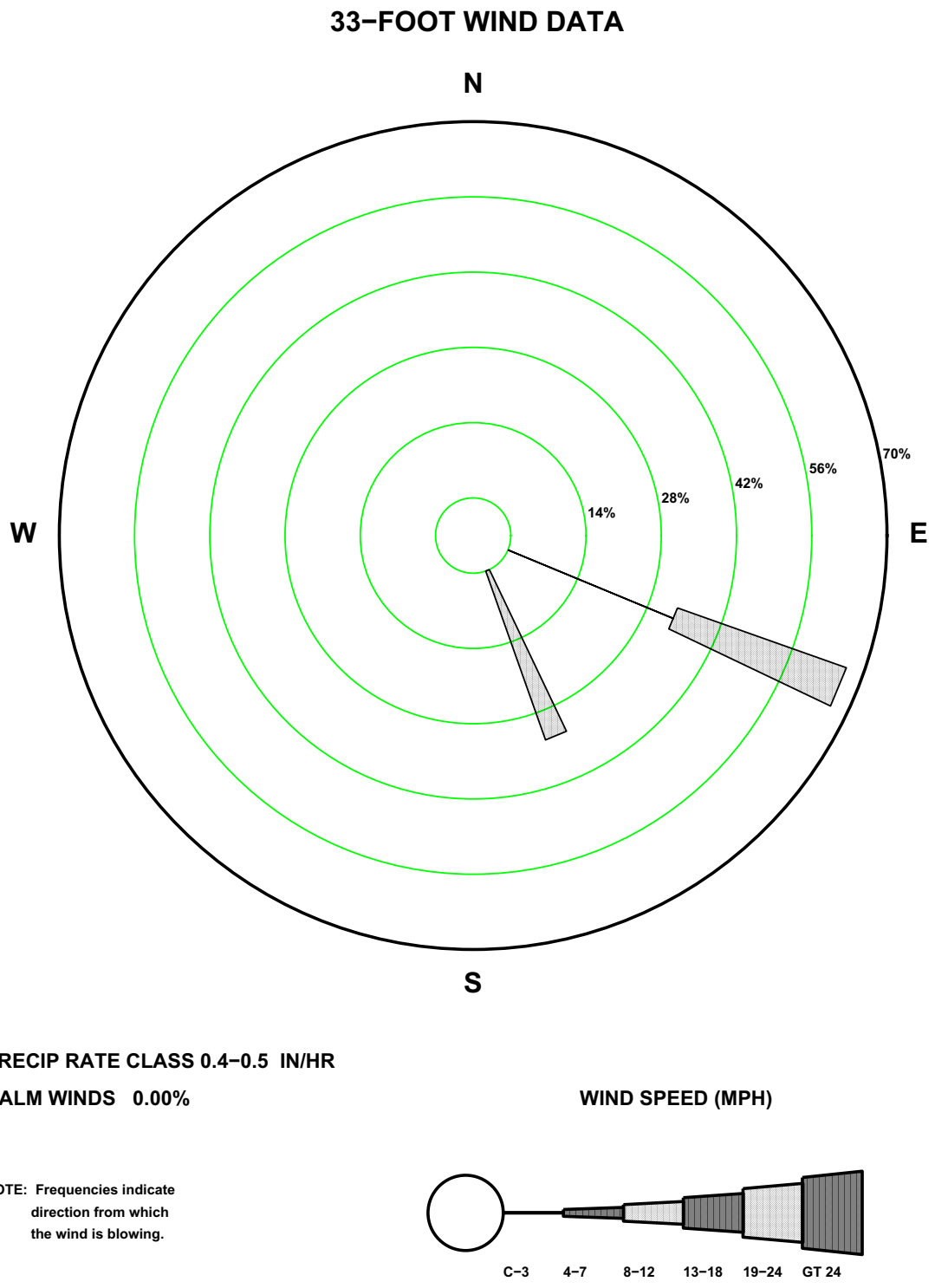

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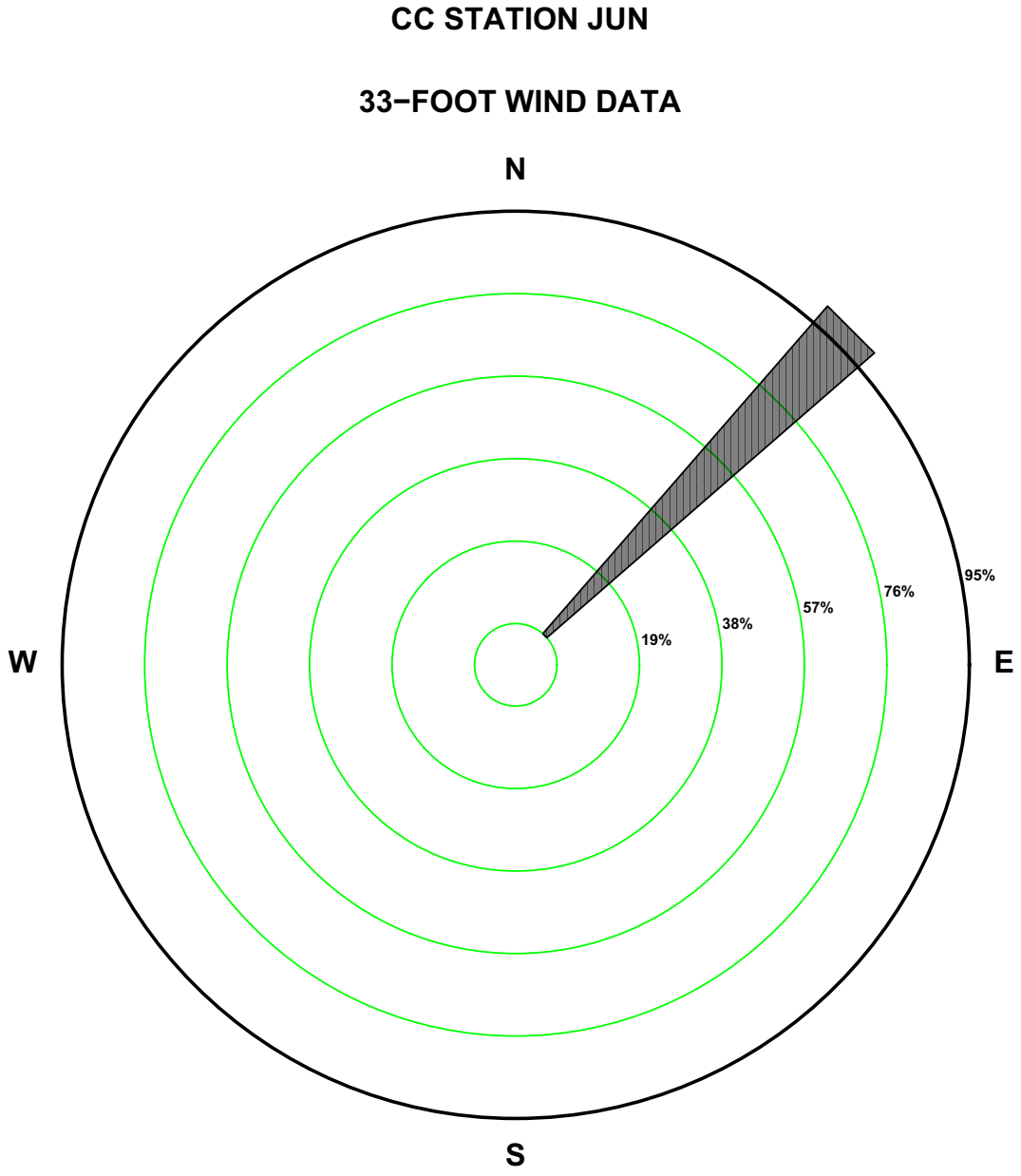
Figure 2.7-62—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}



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.

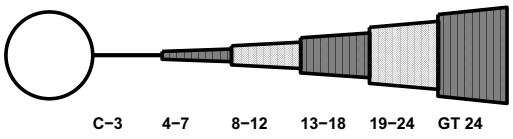


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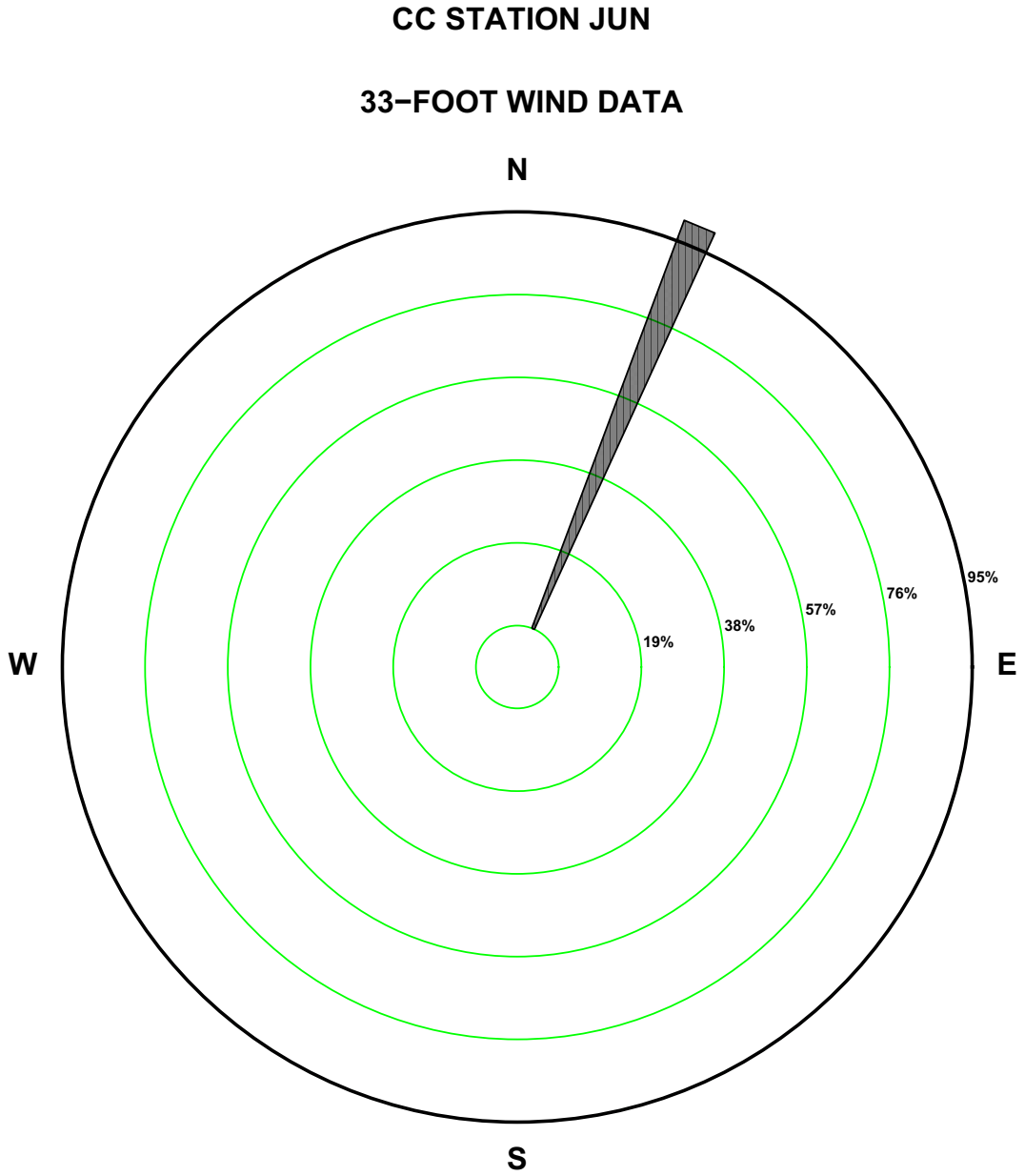
Figure 2.7-63—{CCNPP 33 ft June Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr}



PRECIP RATE CLASS 1.0−2.0 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

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

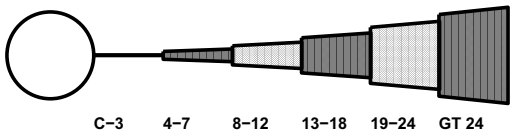


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Figure 2.7-64—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

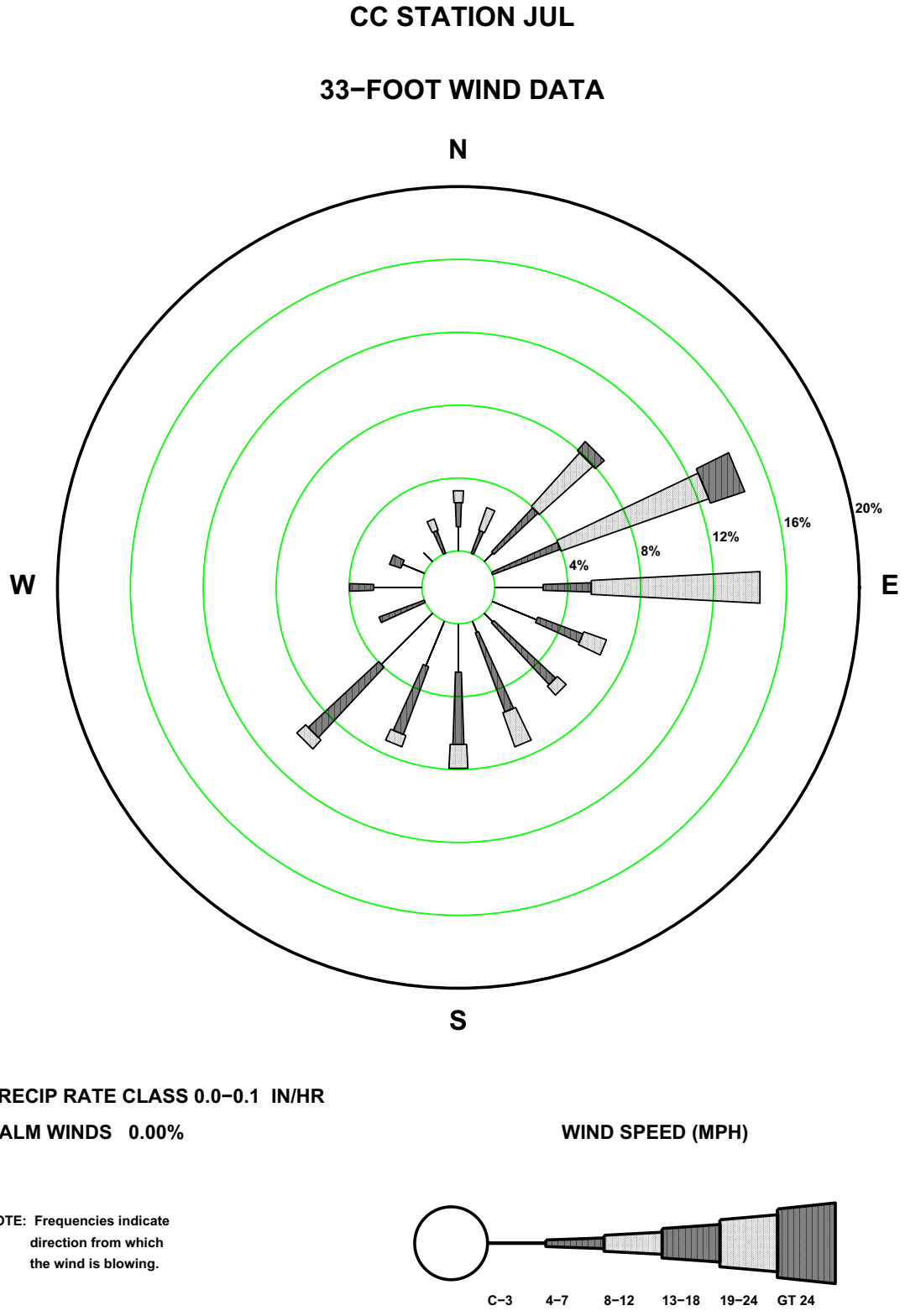

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Figure 2.7-65—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

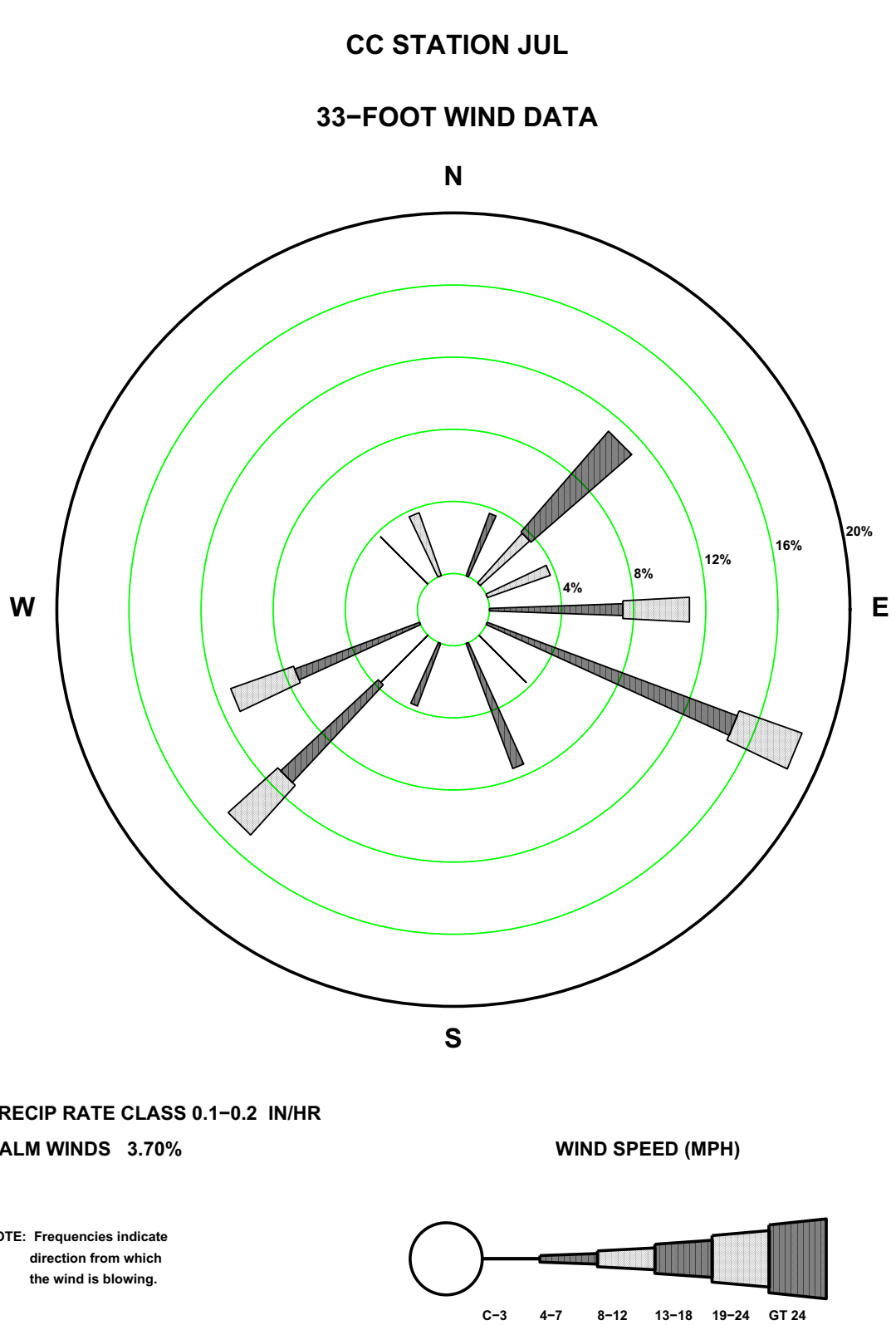

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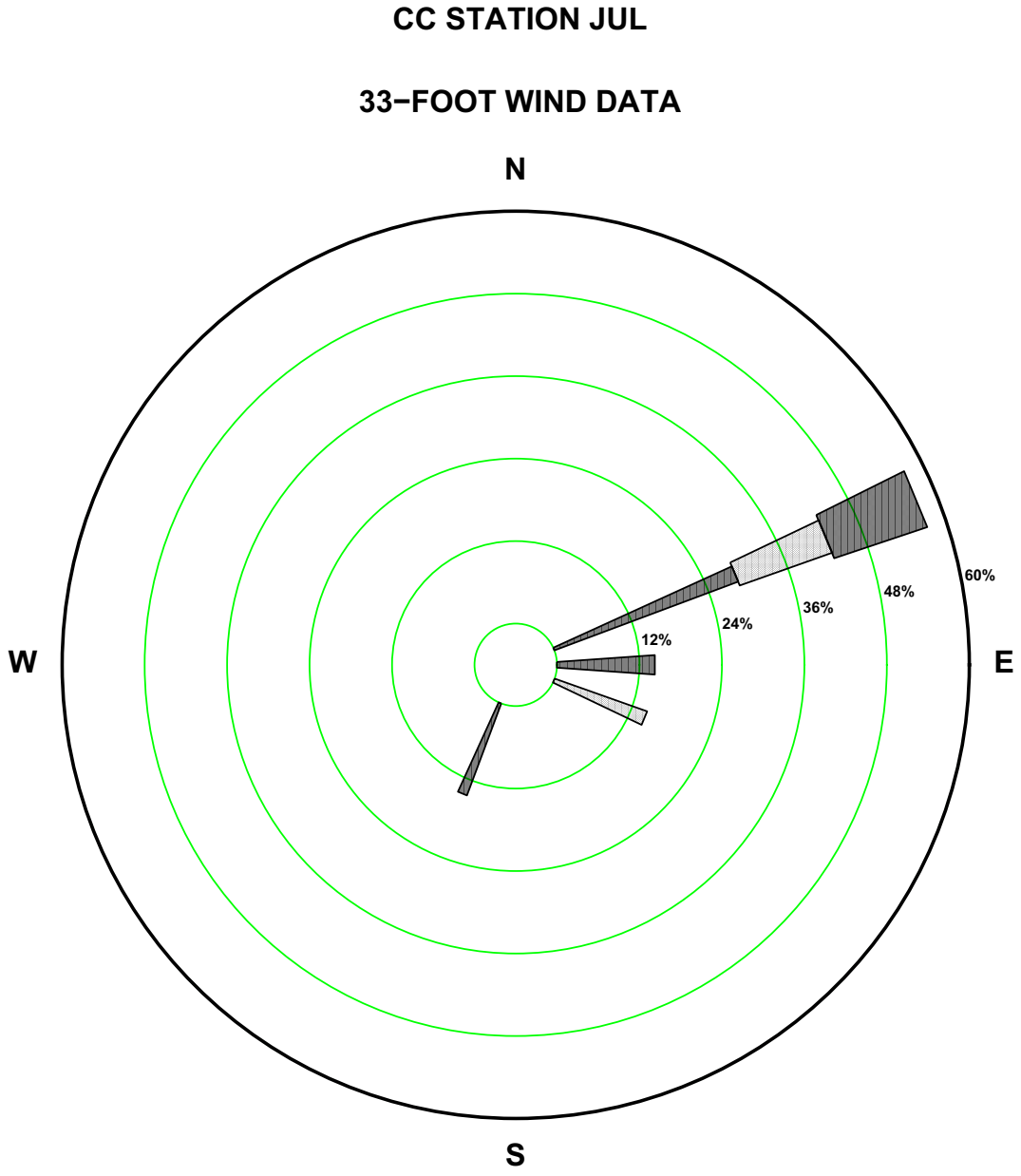
Figure 2.7-66—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

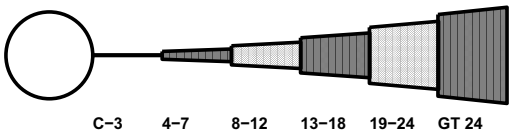


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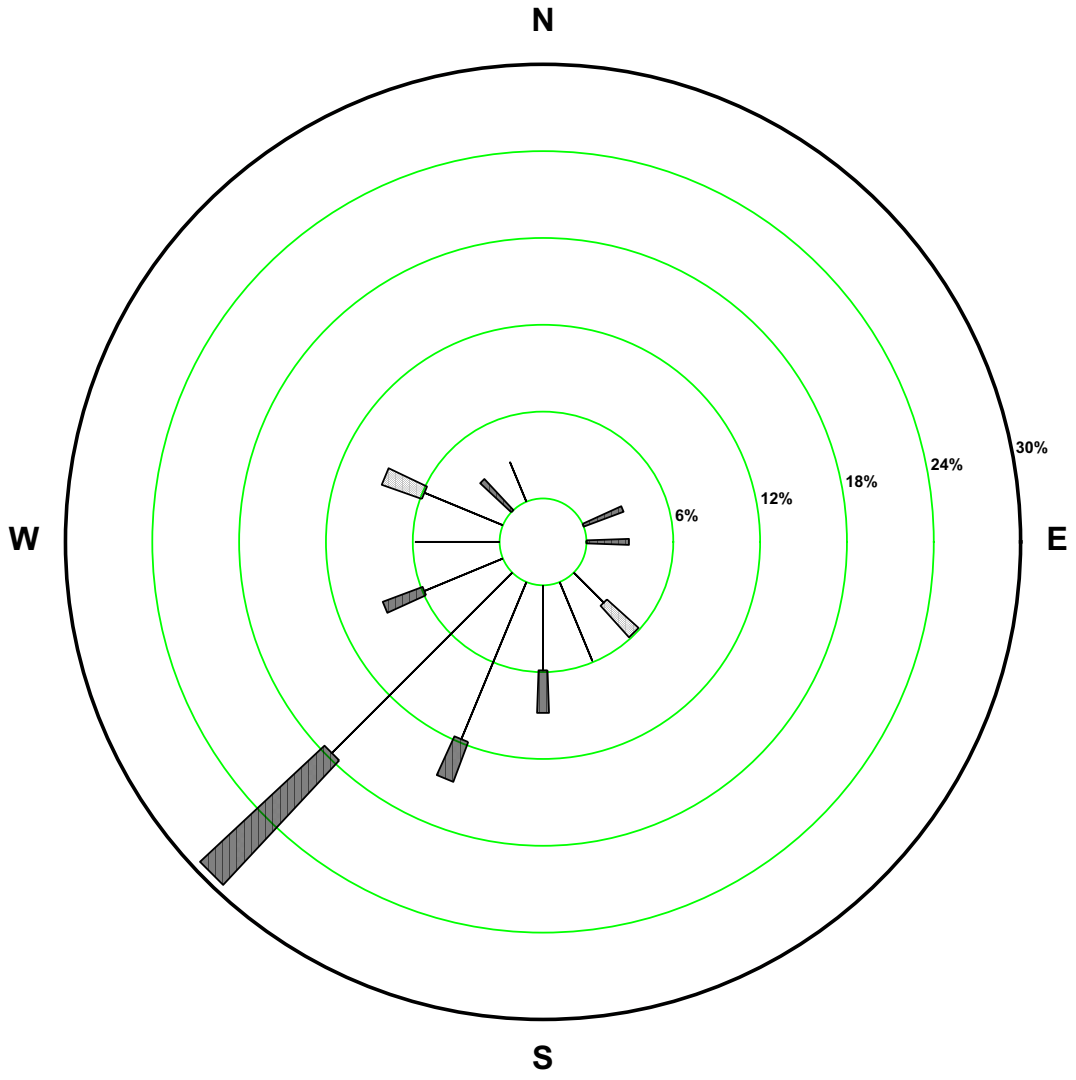
Figure 2.7-67—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

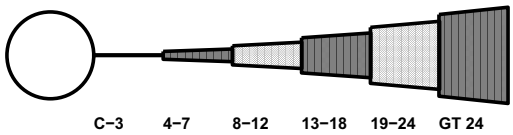


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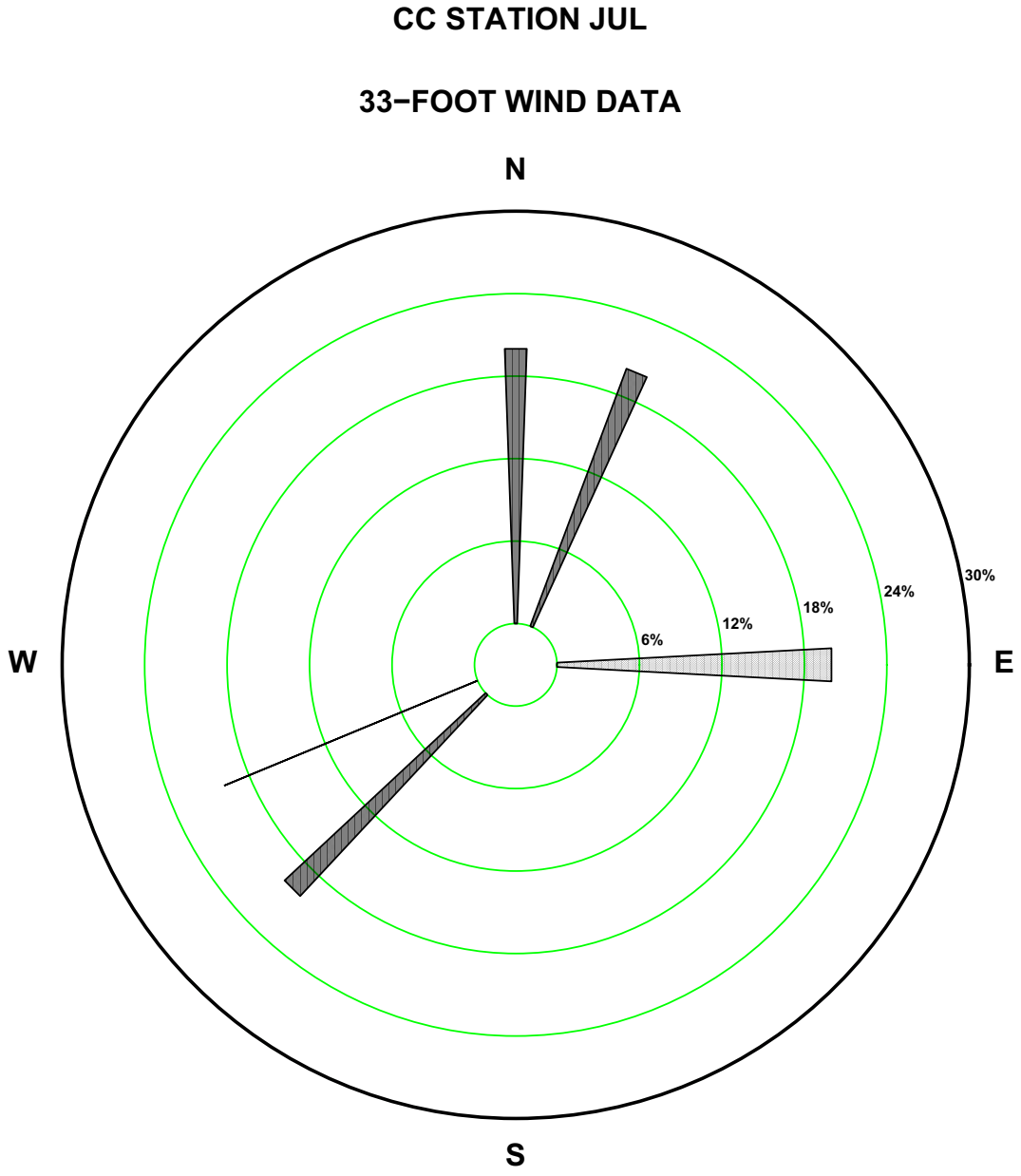
Figure 2.7-68—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}



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.

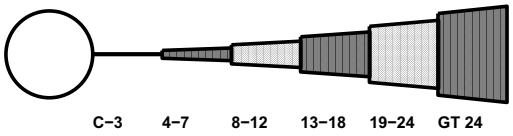


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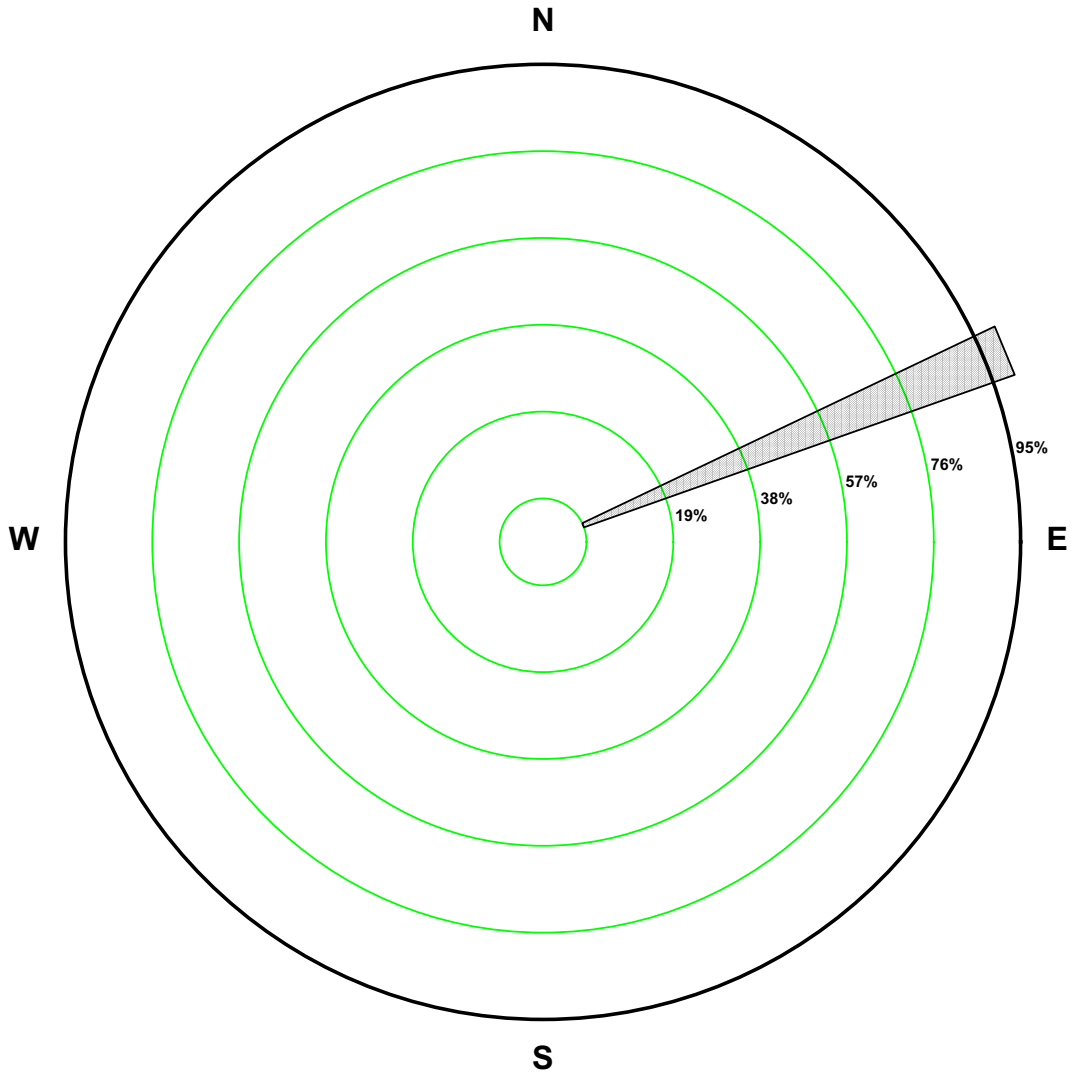
Figure 2.7-69—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}



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.

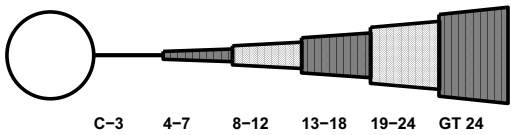


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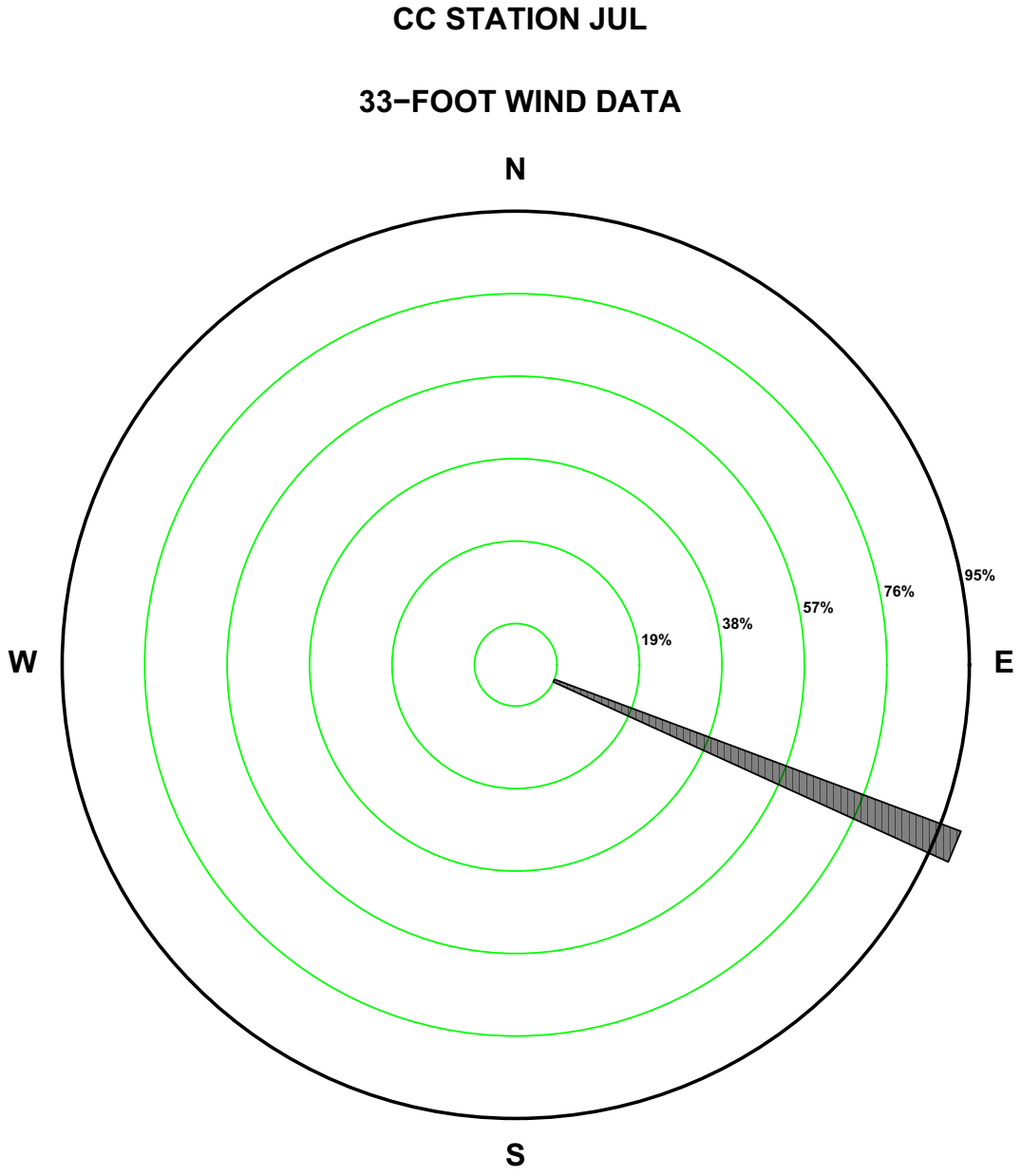
Figure 2.7-70—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}



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.

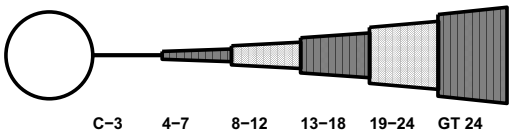


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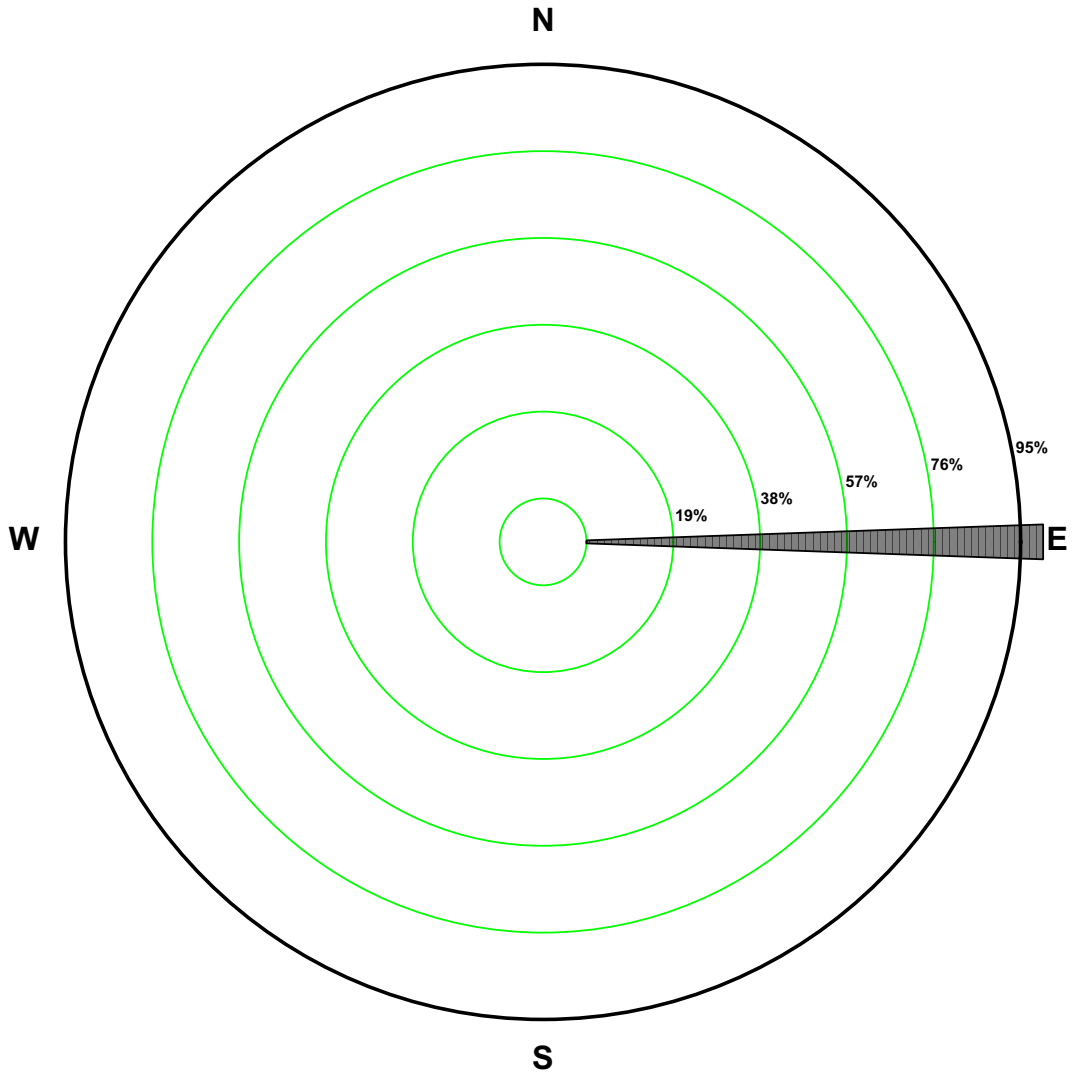
Figure 2.7-71—{CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.8-0.9 in/hr}



PRECIP RATE CLASS 0.8−0.9 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

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

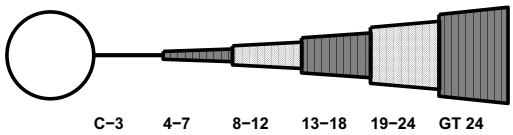


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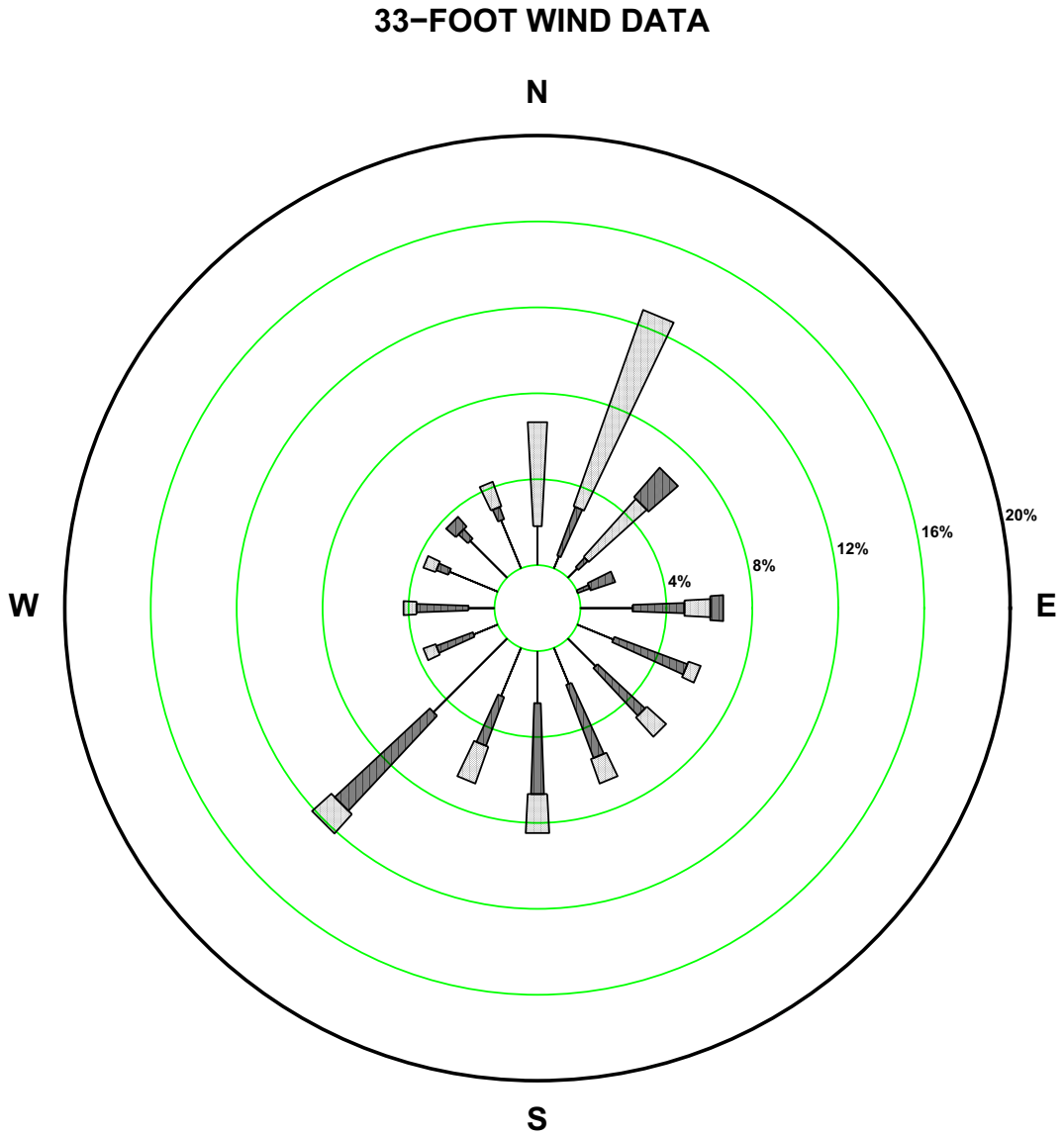
Figure 2.7-72—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



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.

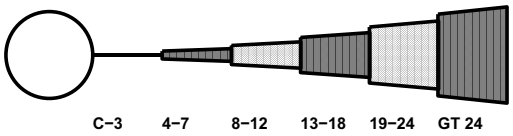


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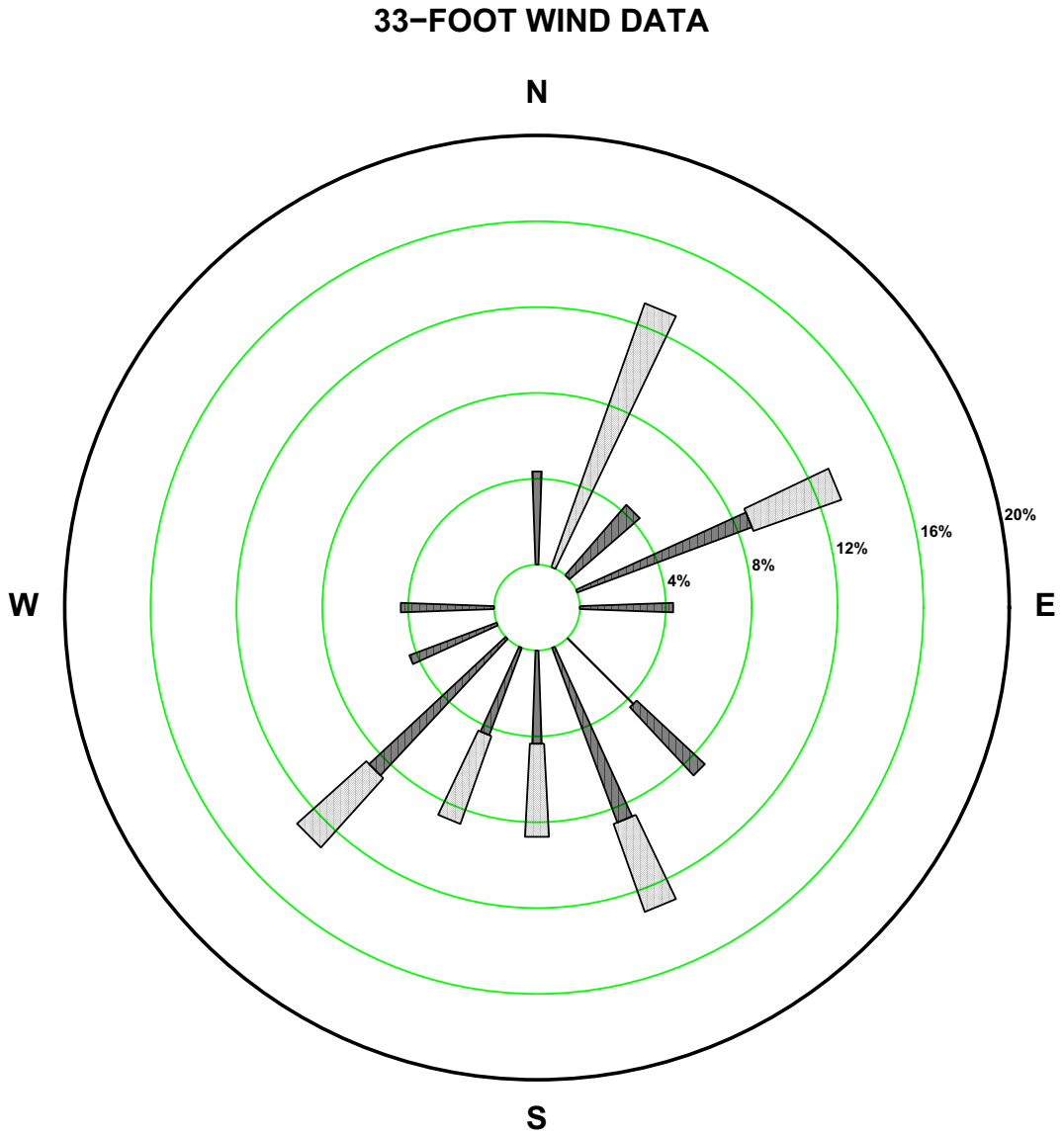
Figure 2.7-73—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

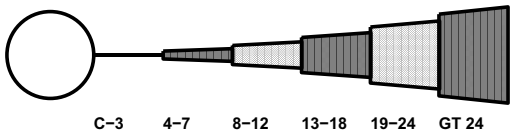


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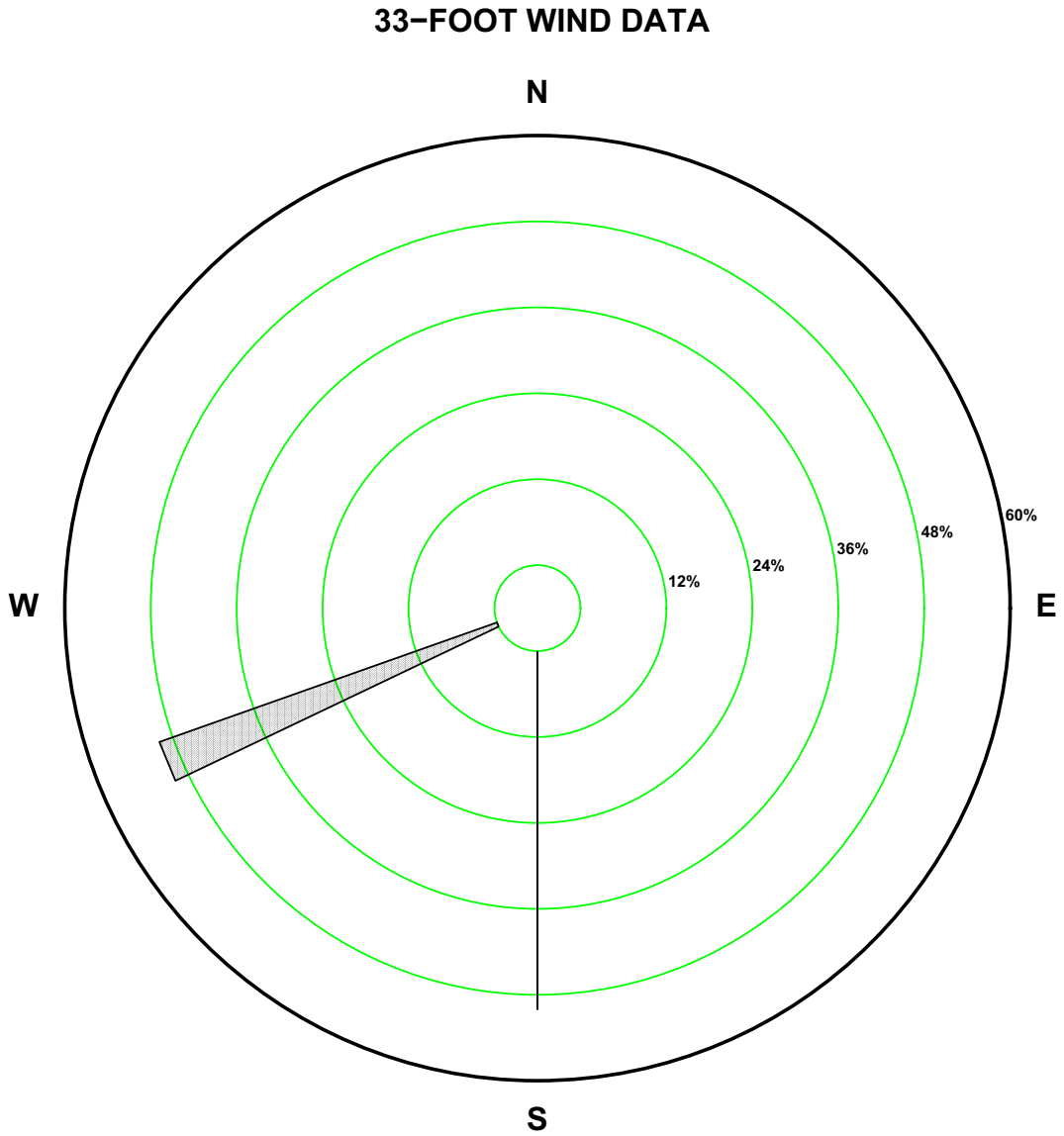
Figure 2.7-74—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

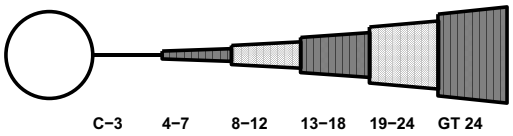


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Figure 2.7-75—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

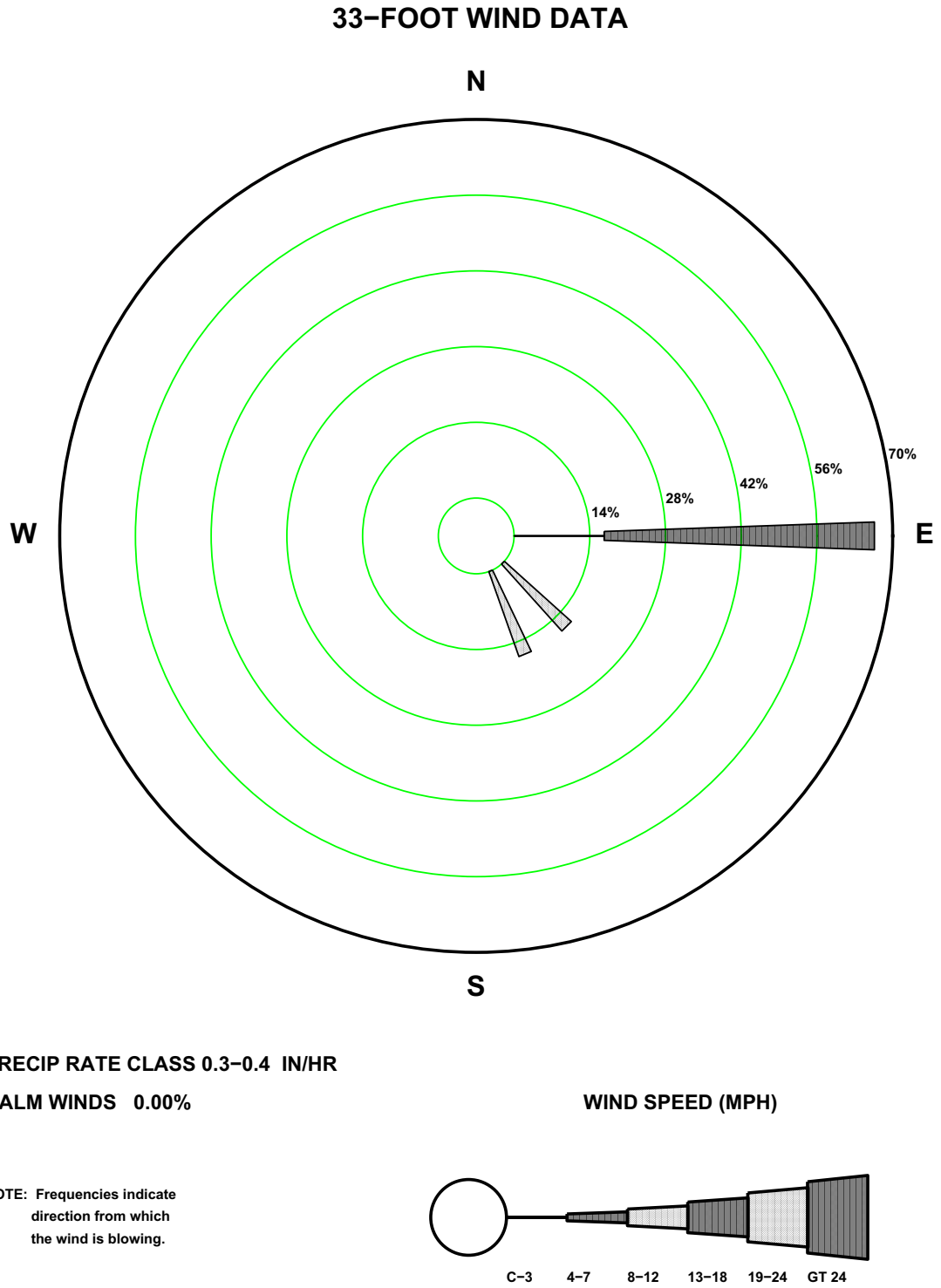

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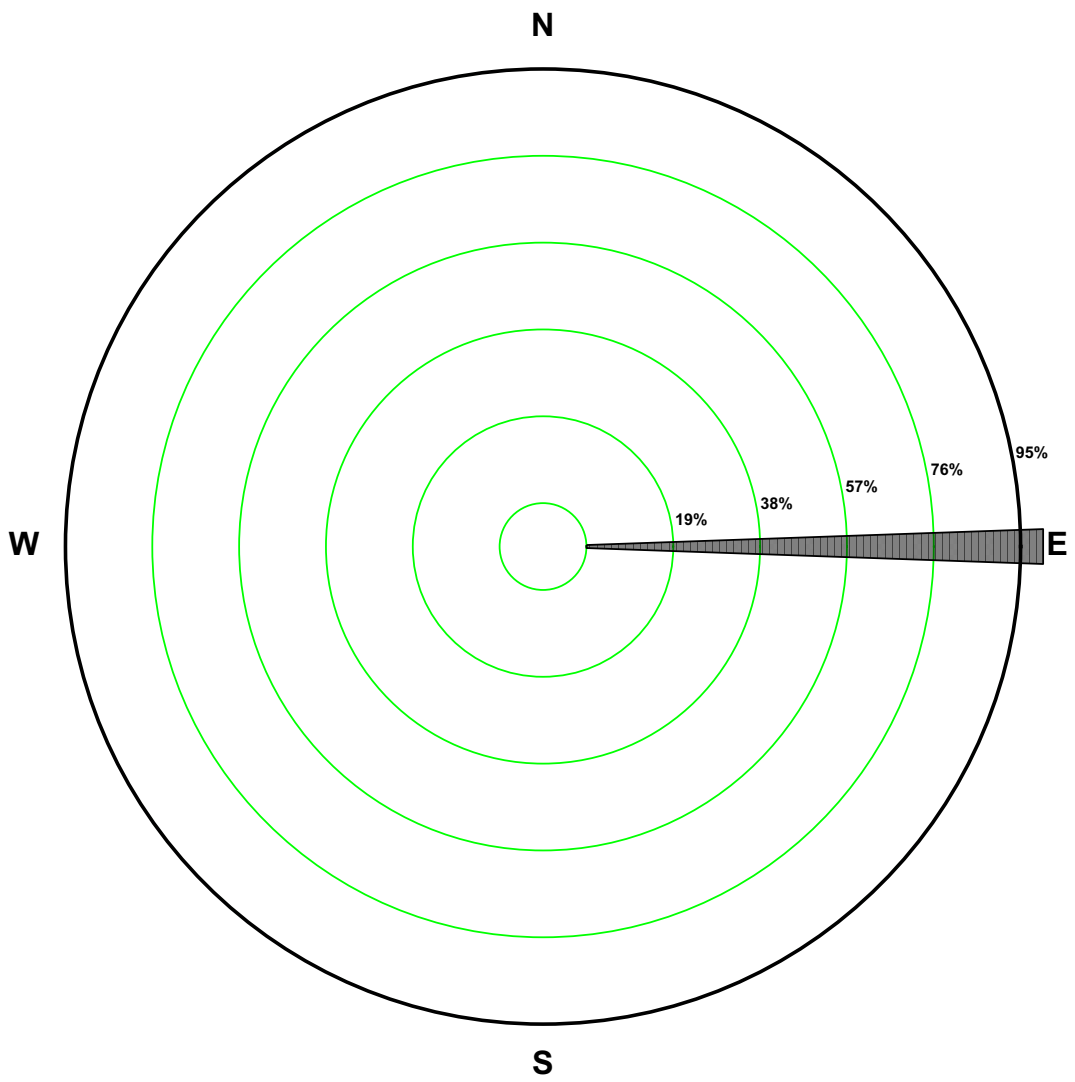
Figure 2.7-76—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}



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.

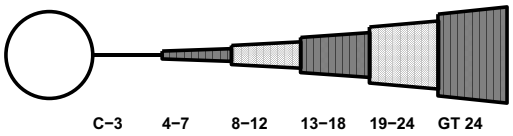


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Figure 2.7-77—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}

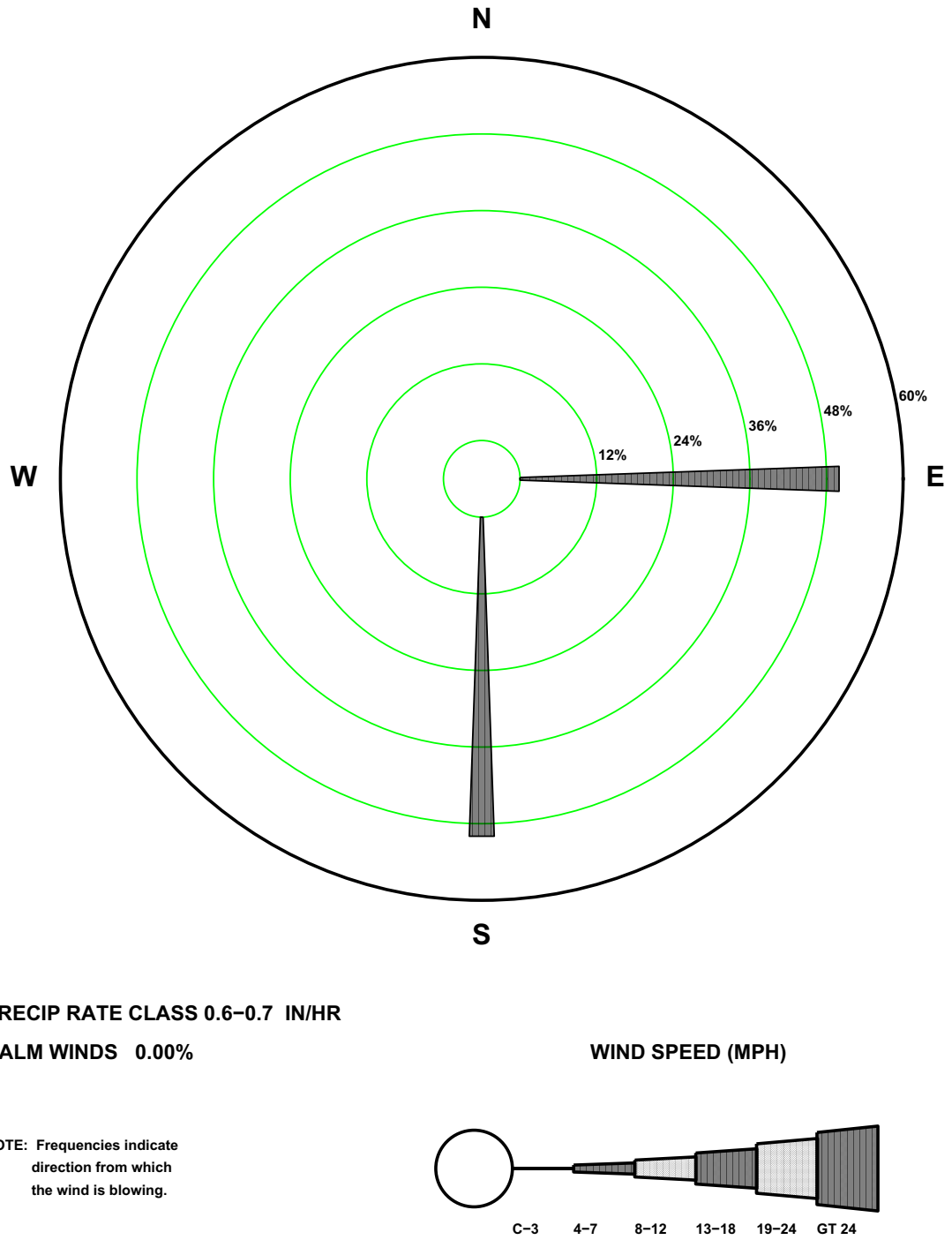

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Figure 2.7-78—{CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr}

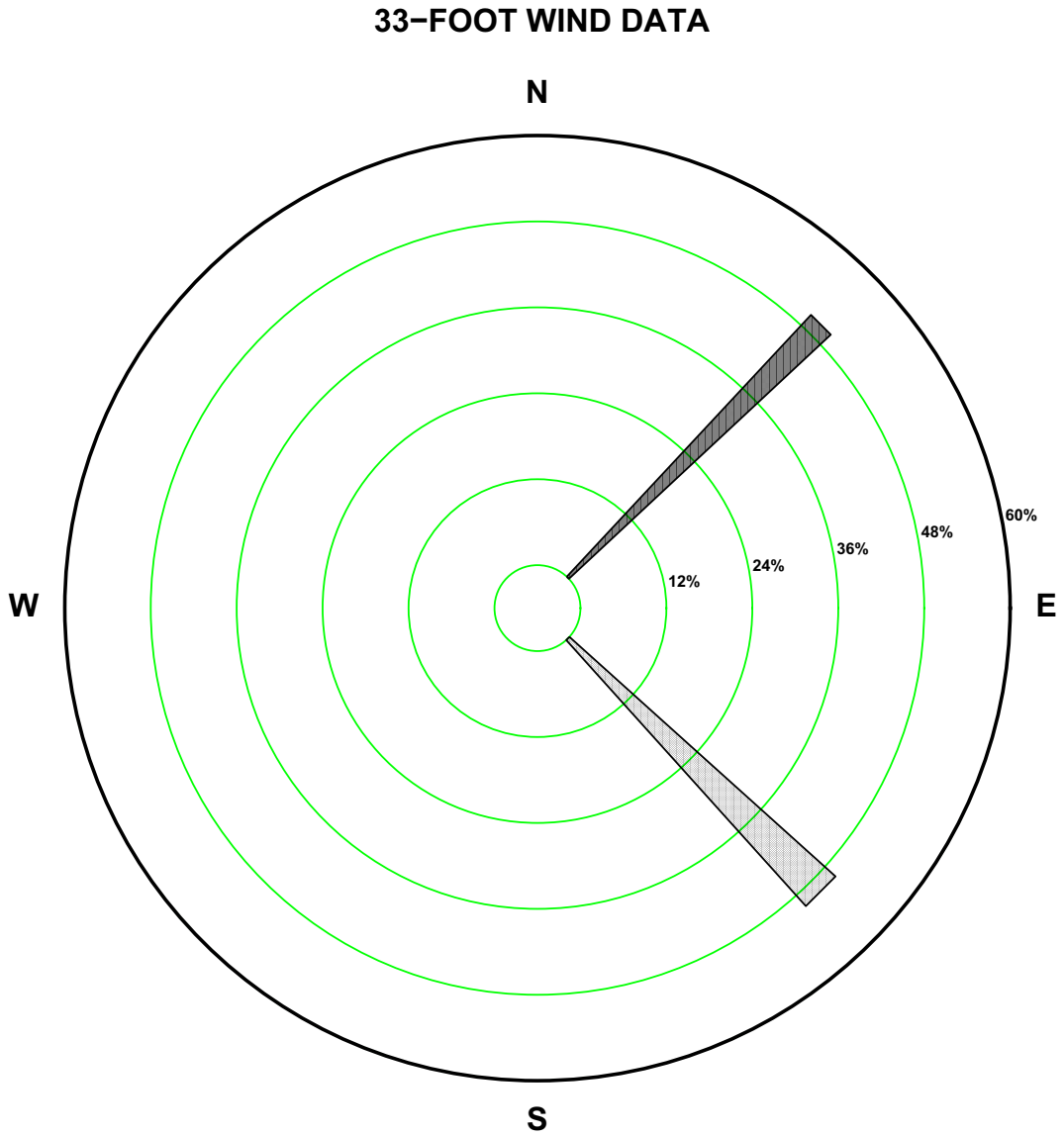

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Figure 2.7-79—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

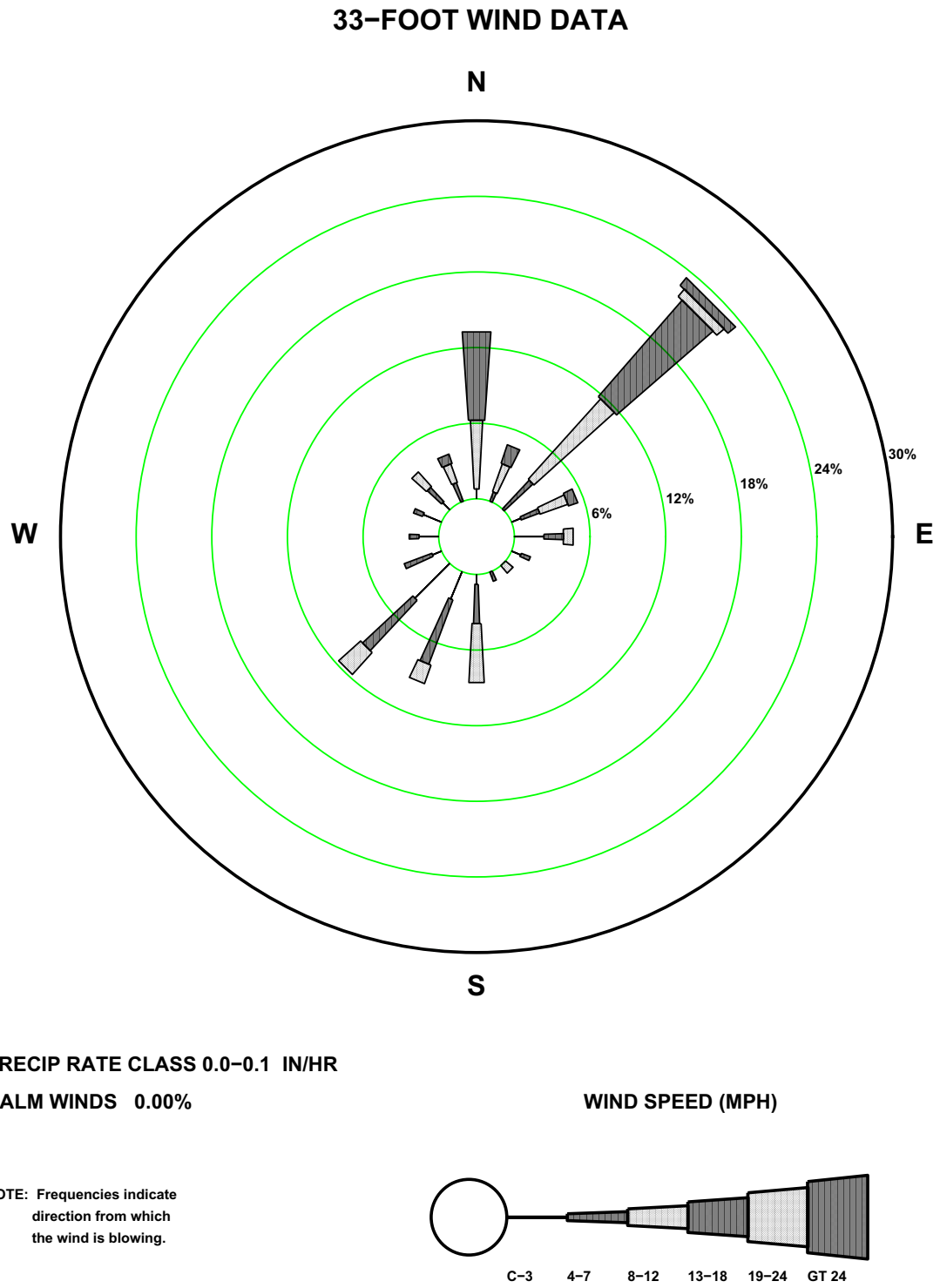

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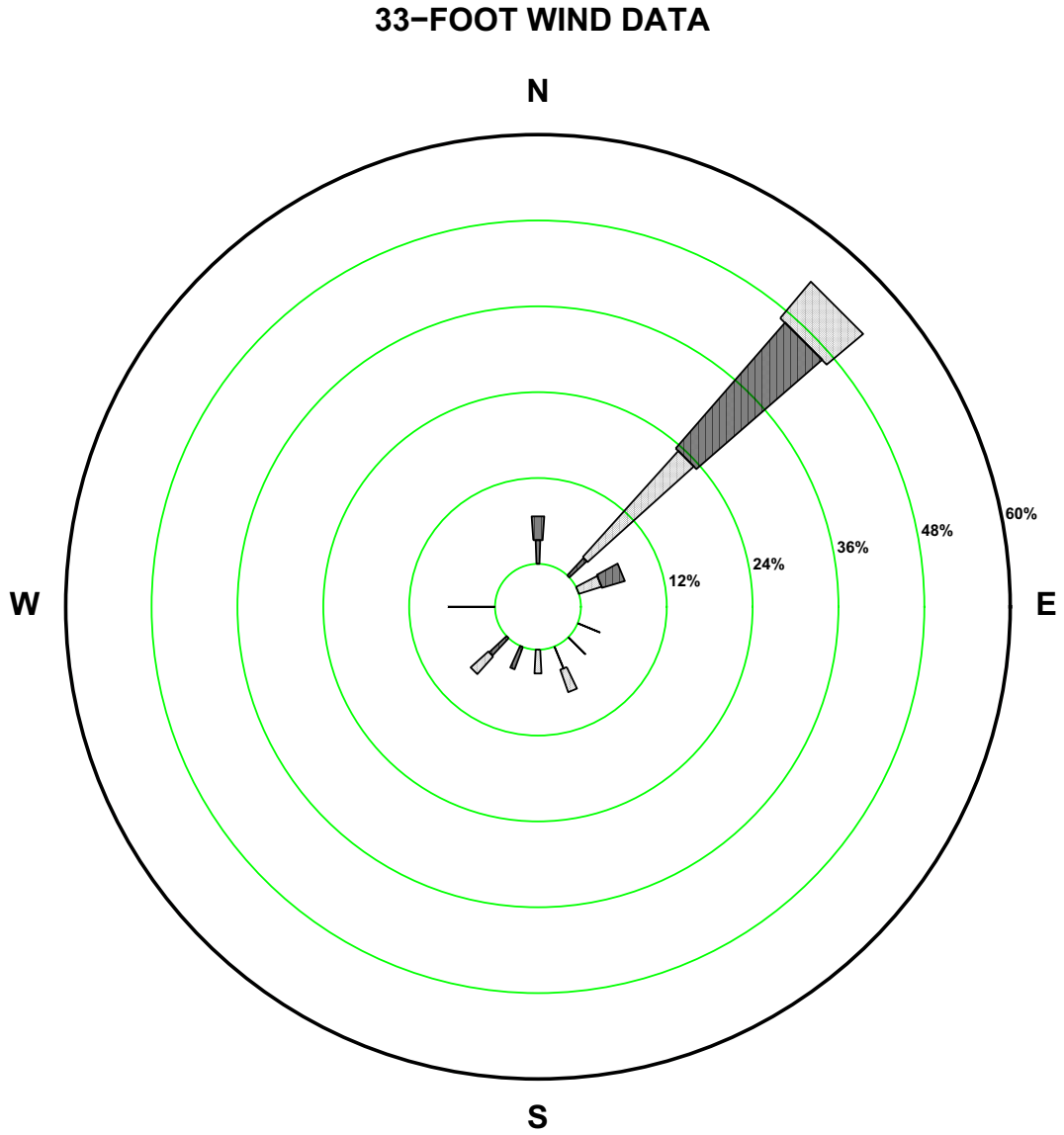
Figure 2.7-80—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

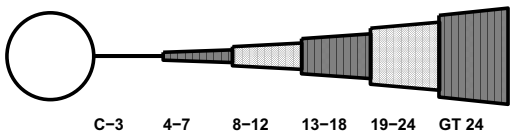


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Figure 2.7-81—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}

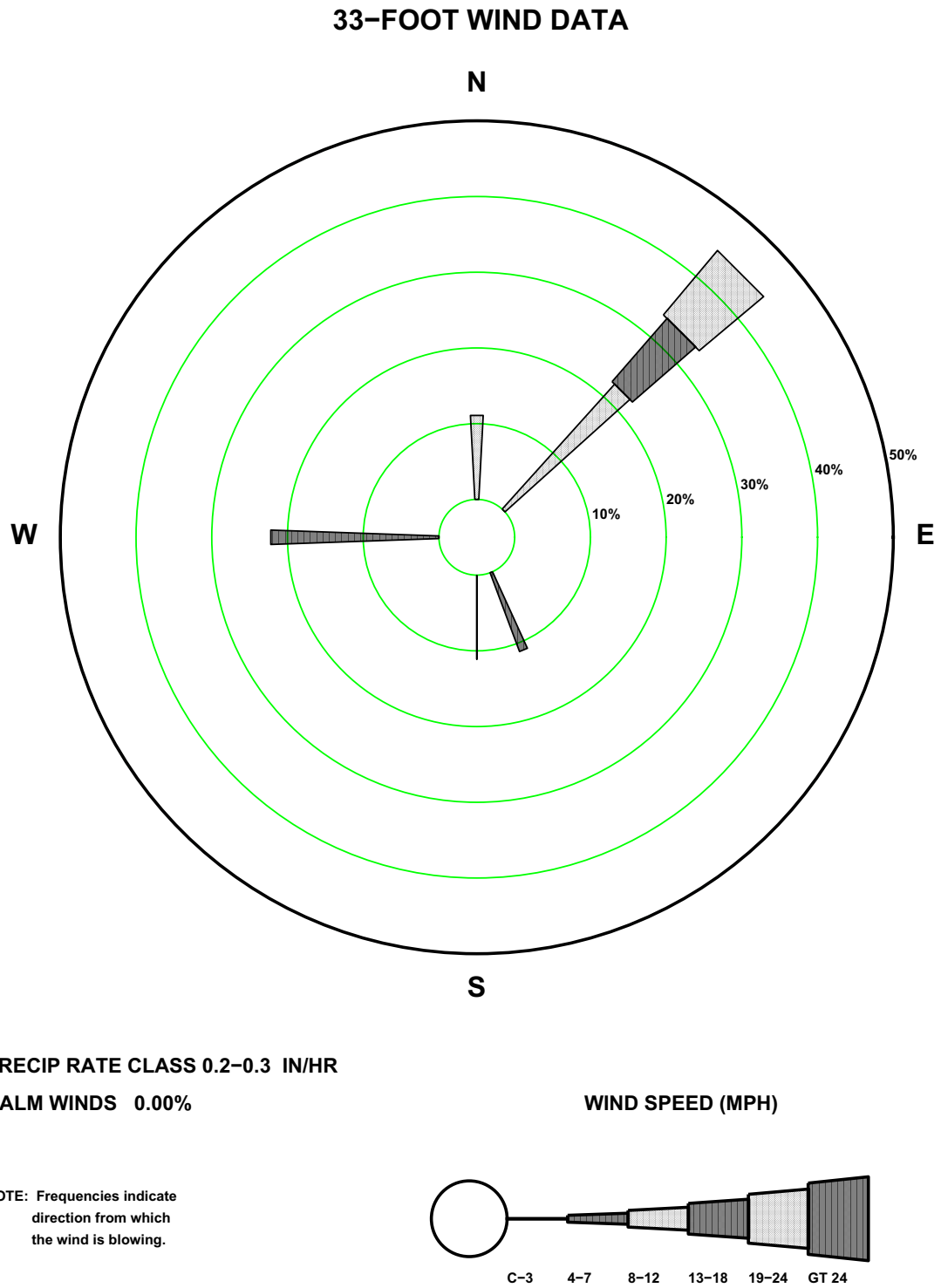

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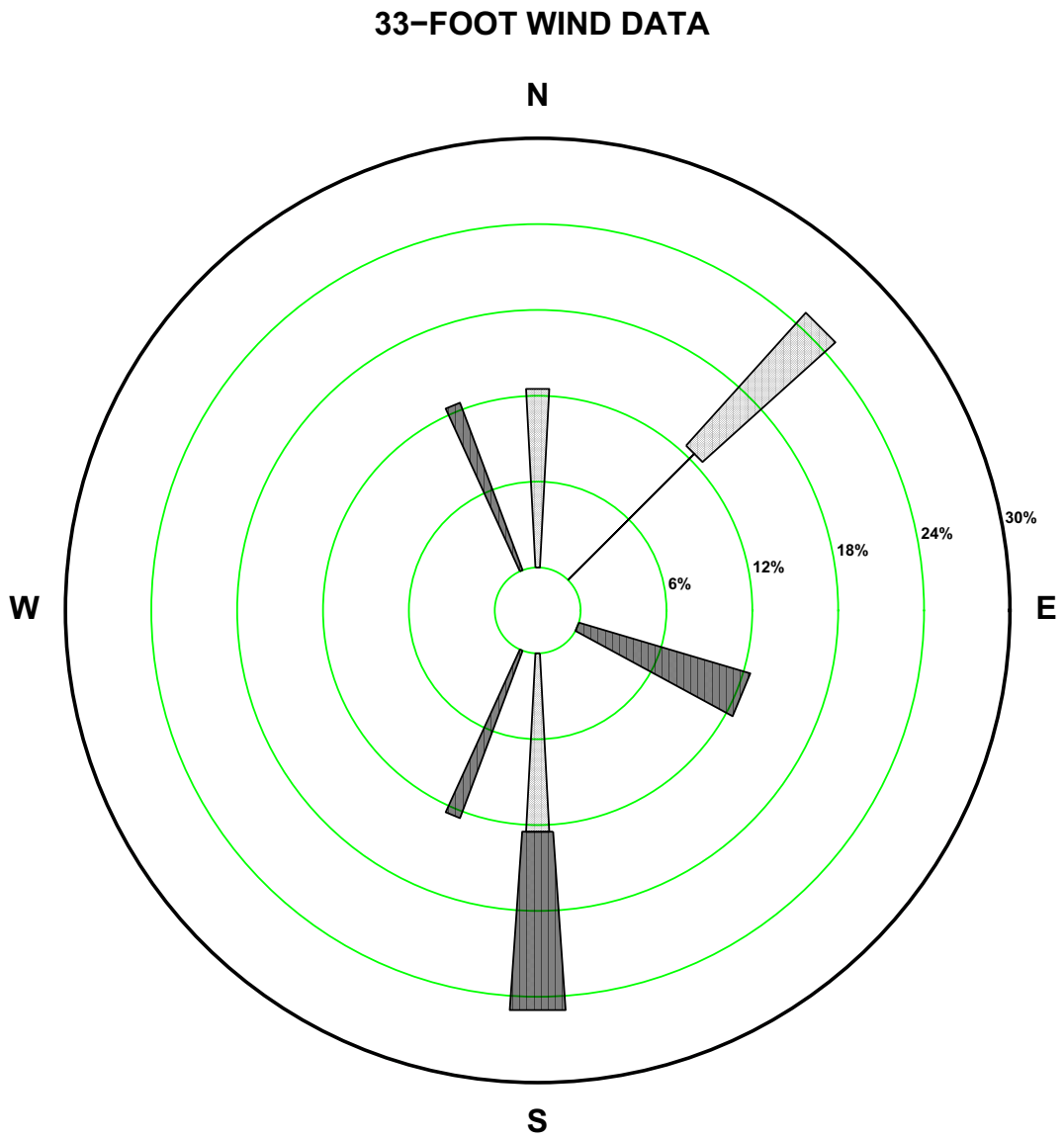
Figure 2.7-82—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

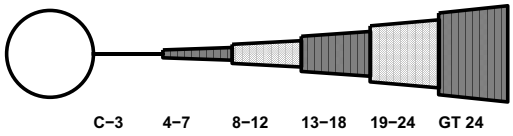


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Figure 2.7-83—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}

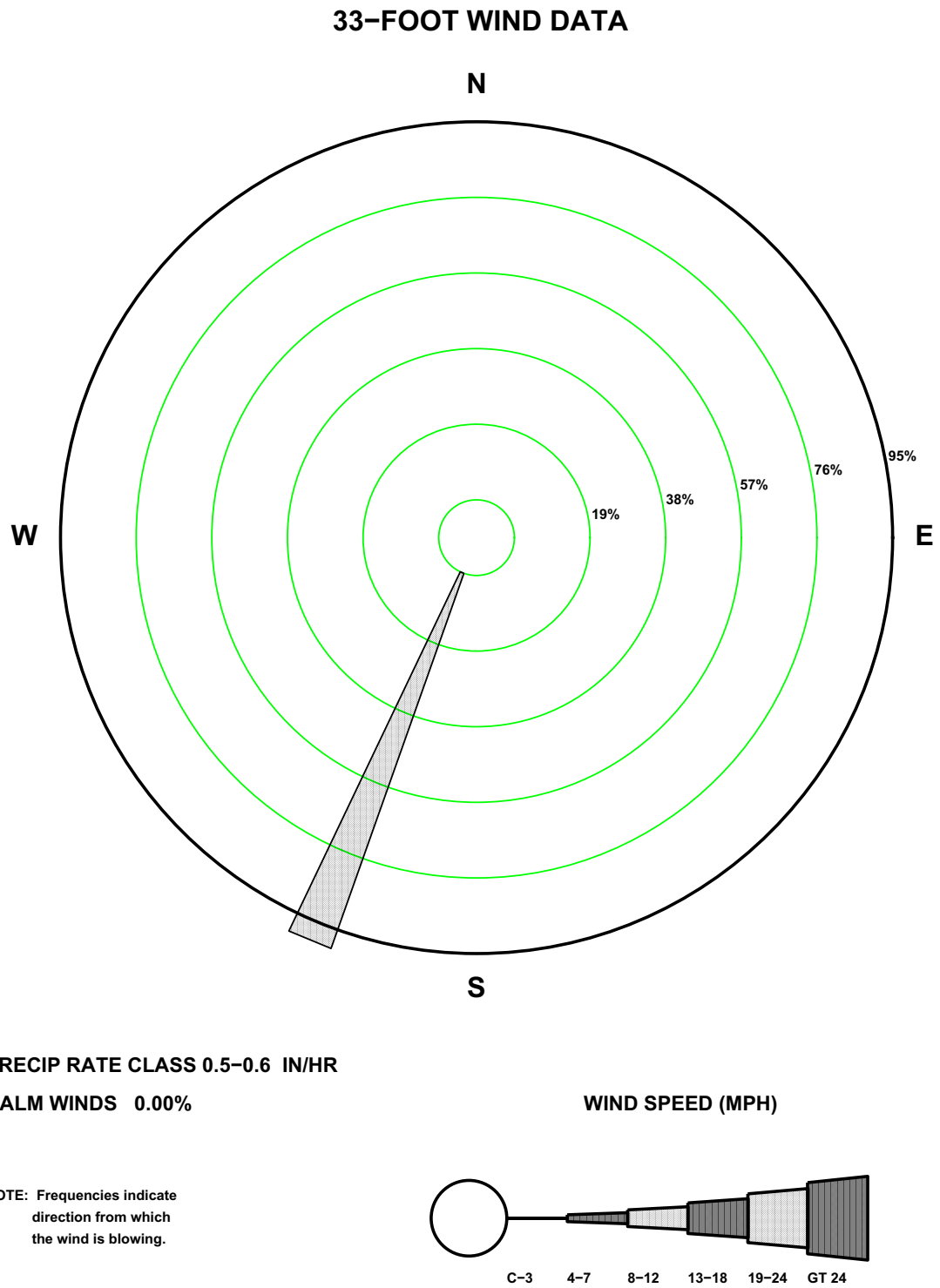

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Figure 2.7-84—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr}

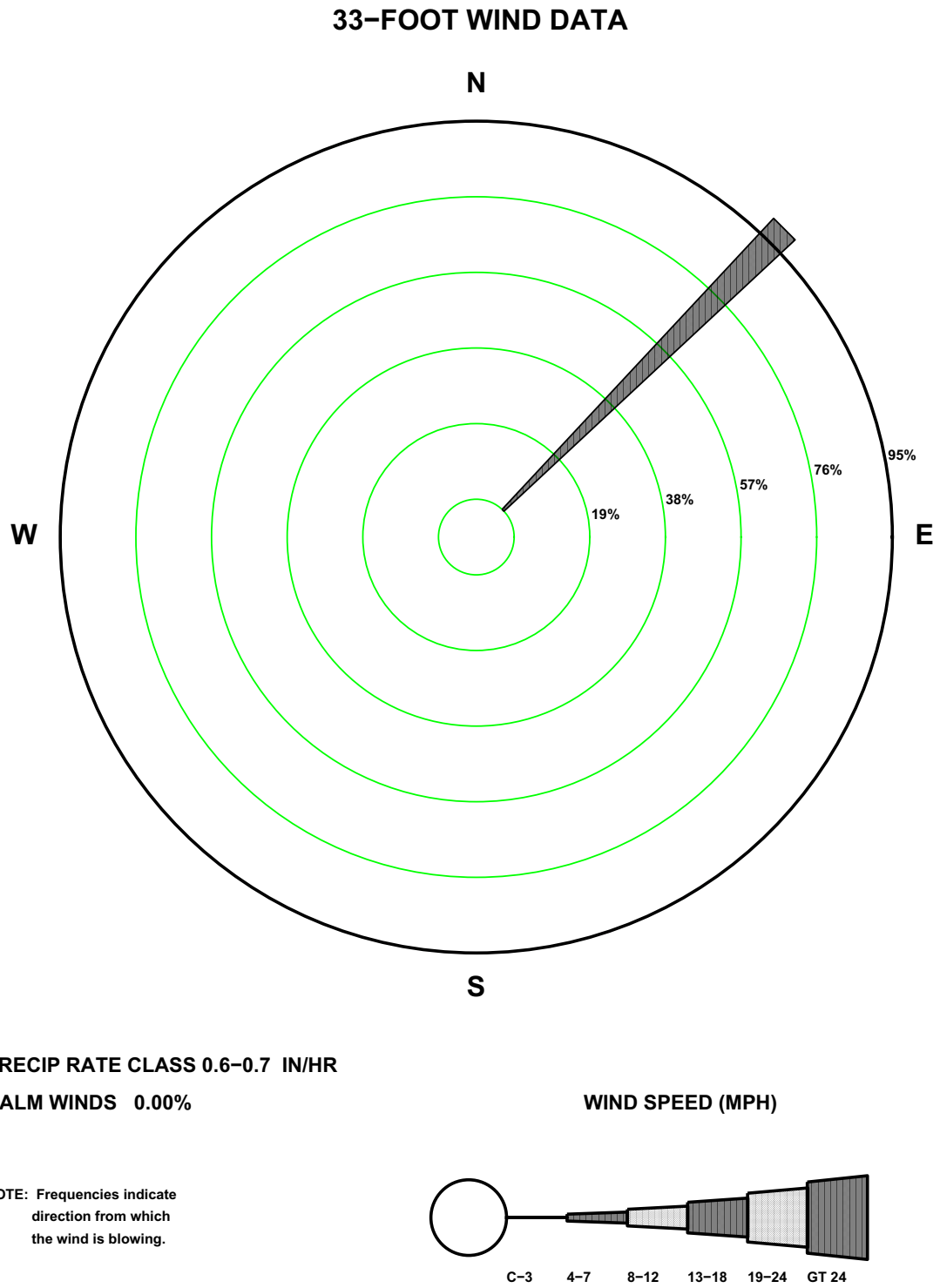

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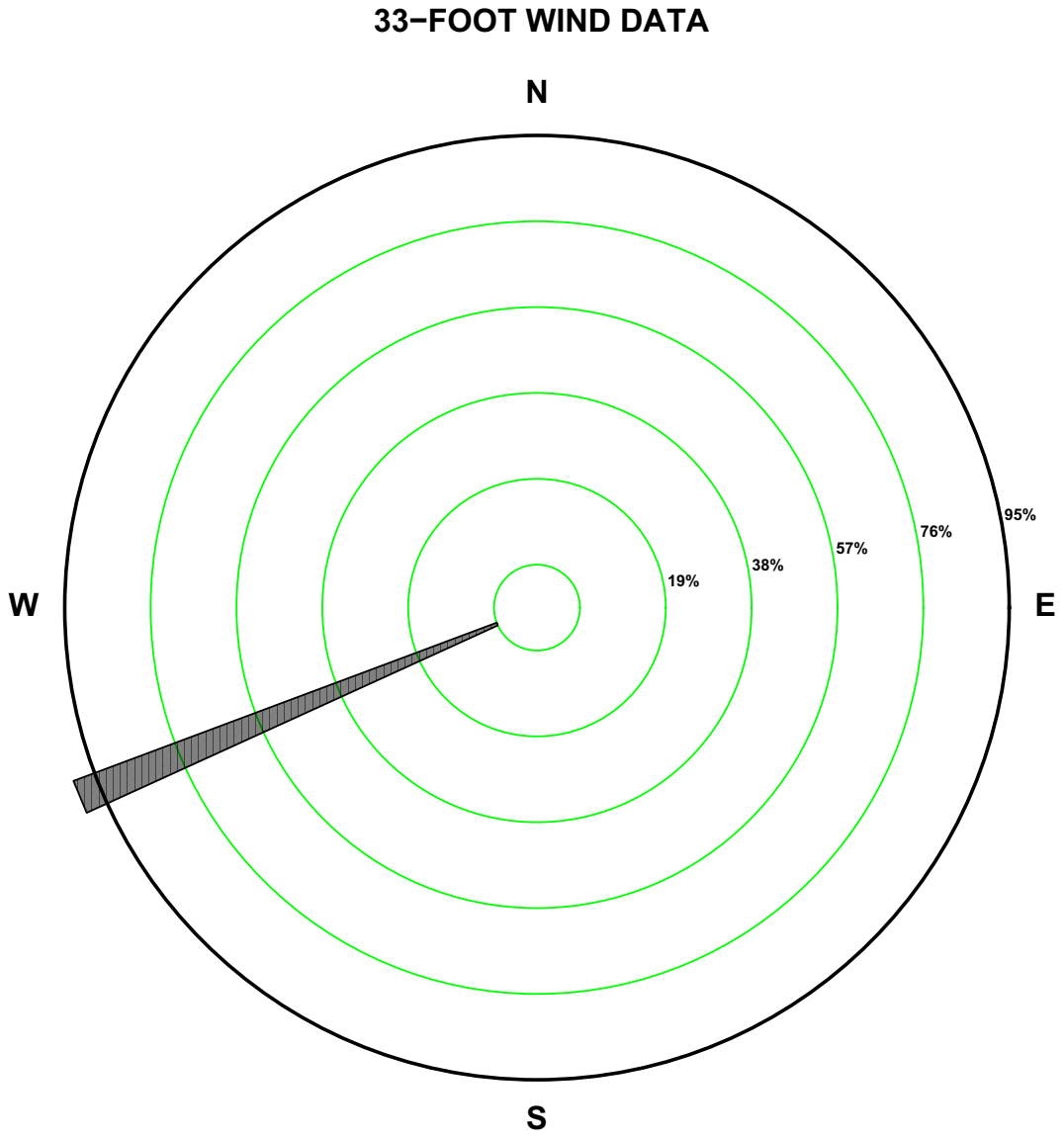
Figure 2.7-85—{CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr}



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.

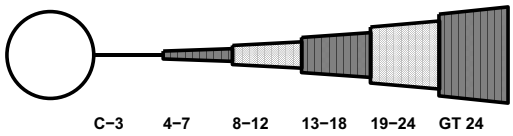


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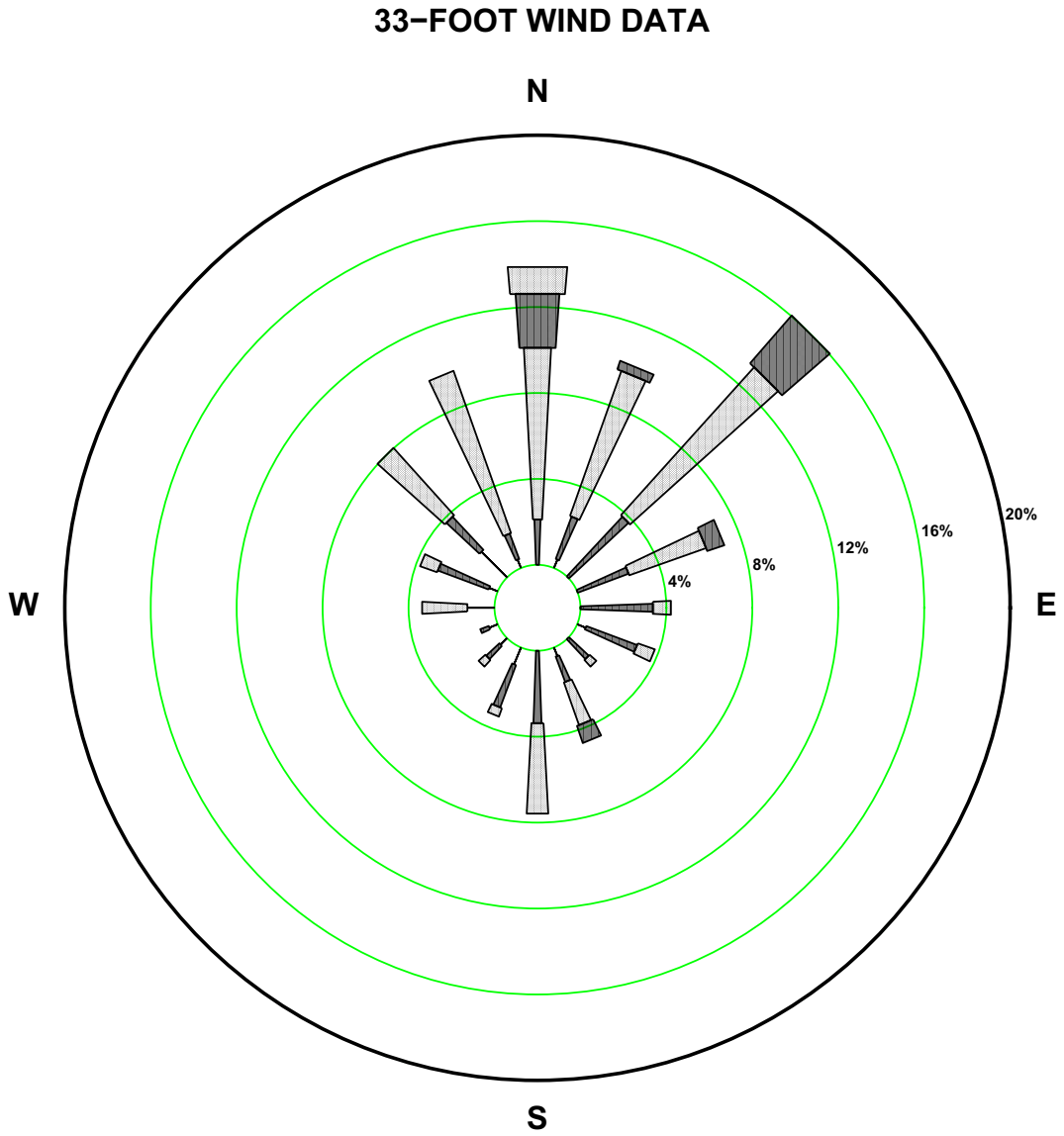
Figure 2.7-86—{CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}



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.

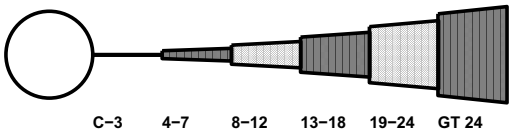


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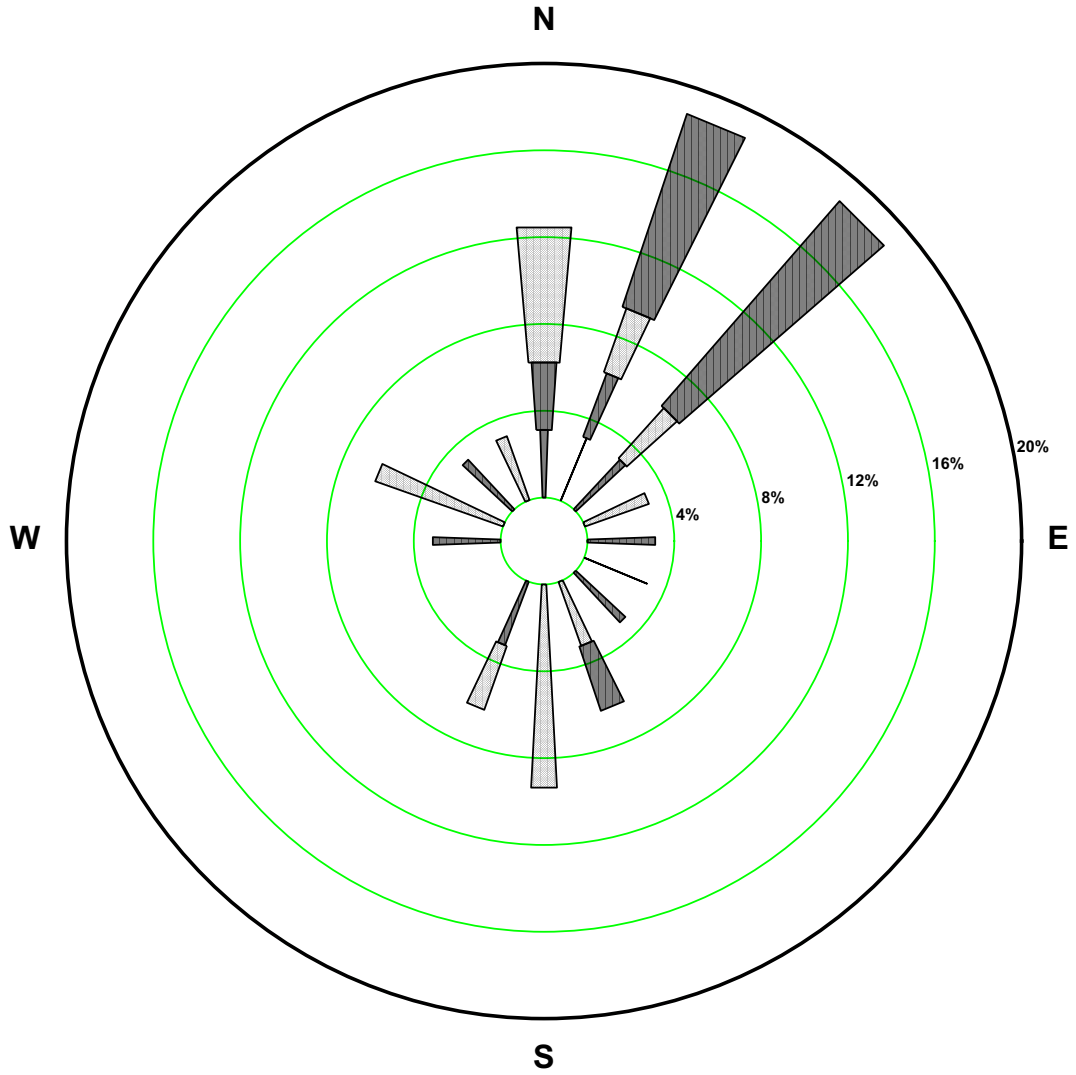
Figure 2.7-87—{CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

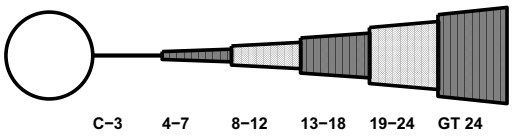


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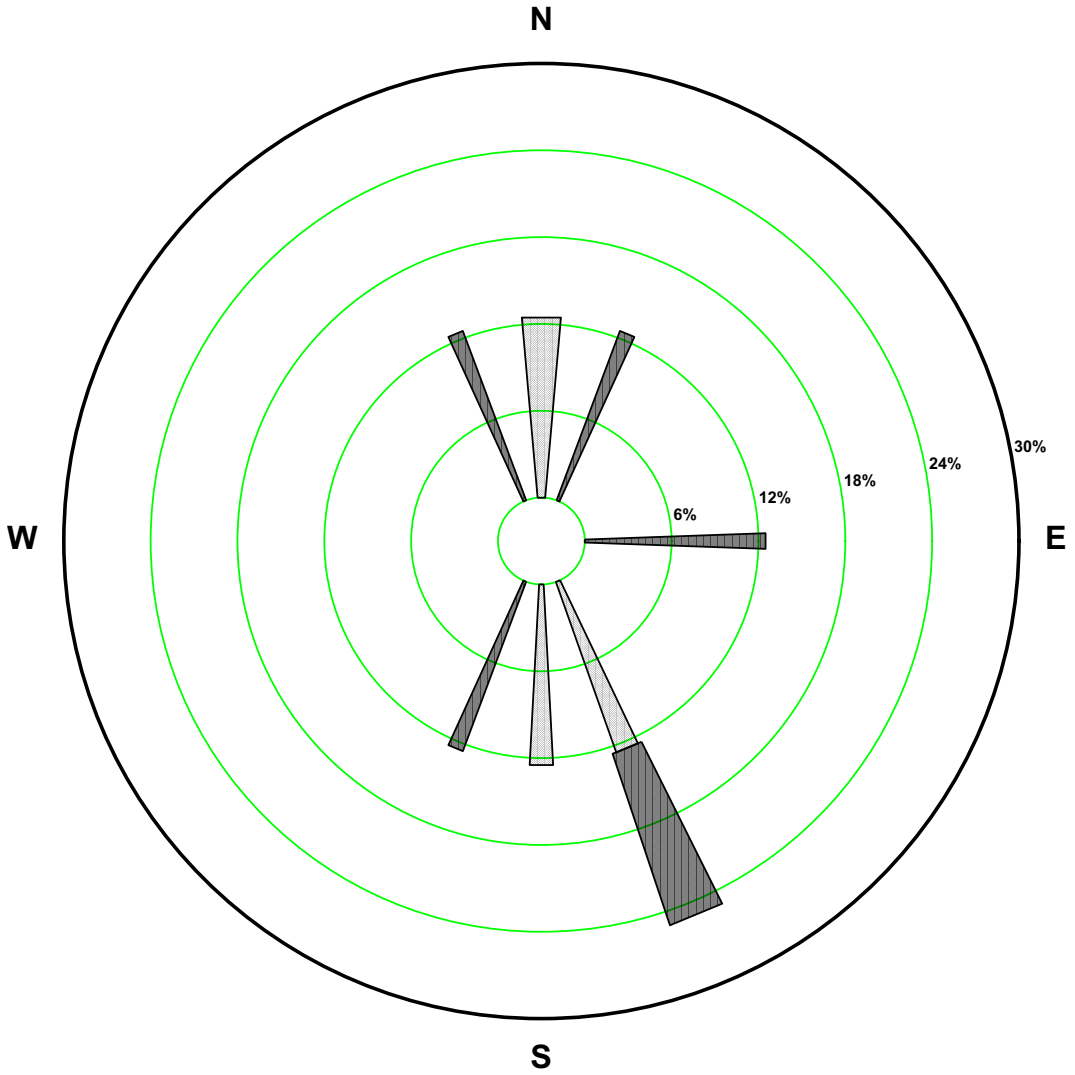
Figure 2.7-88—{CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

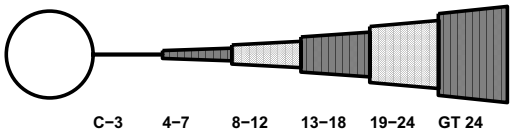


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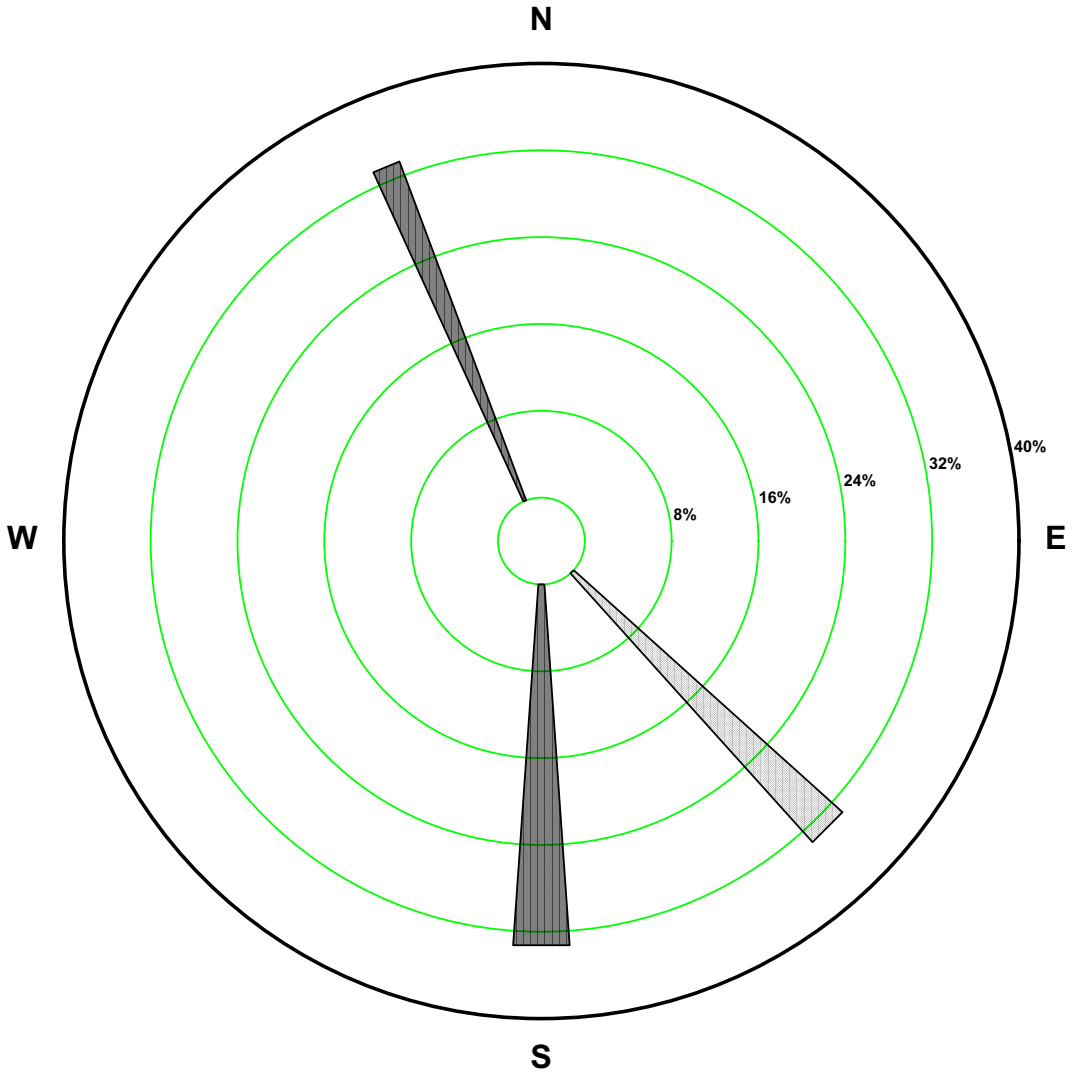
Figure 2.7-89—{CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

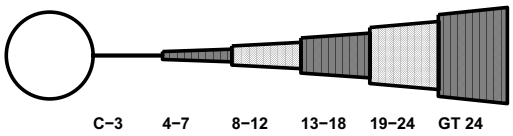


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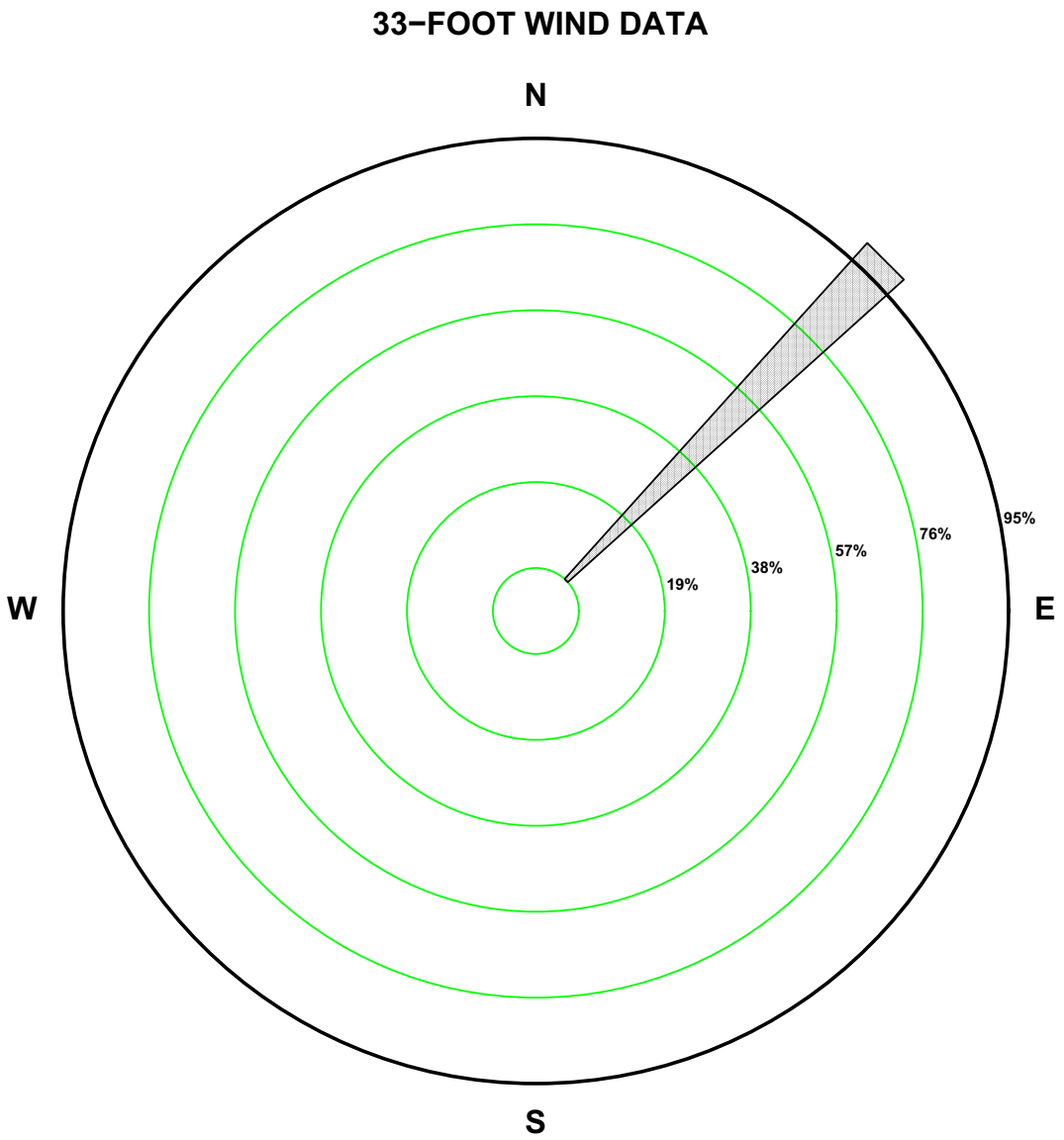
Figure 2.7-90—{CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr}



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.

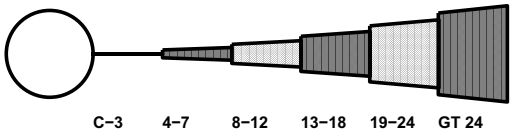


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Figure 2.7-91—{CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}

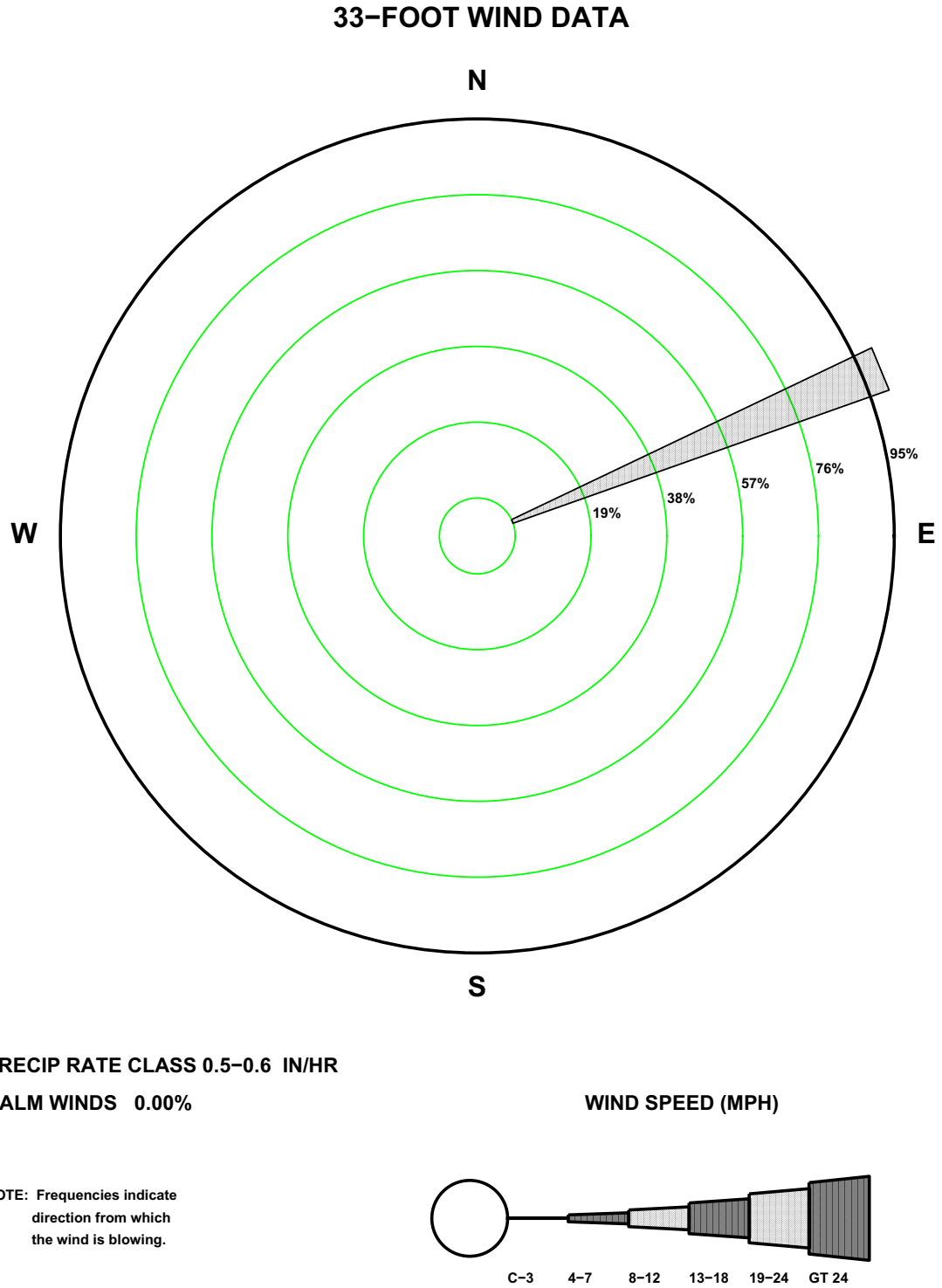

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Figure 2.7-92—{CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

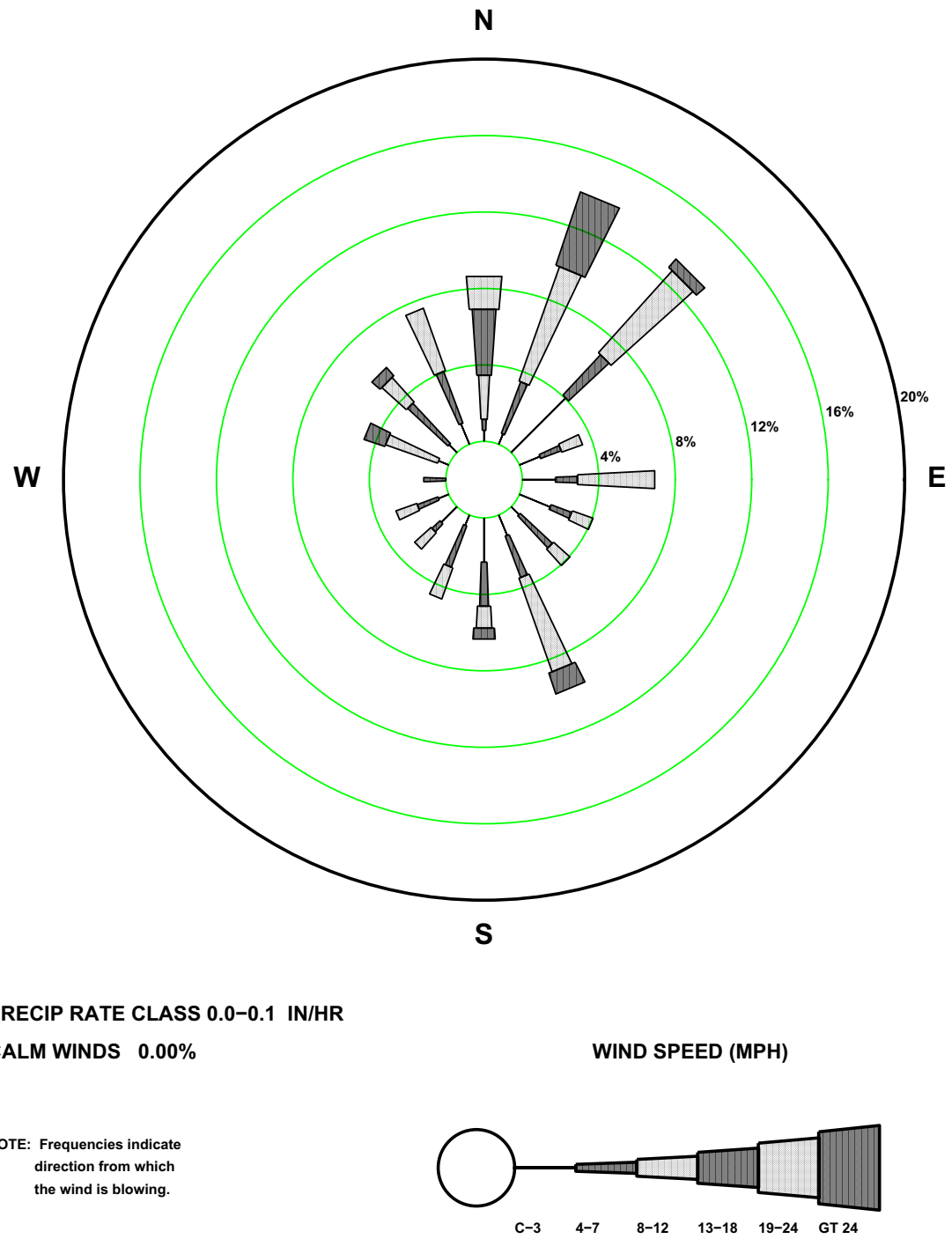

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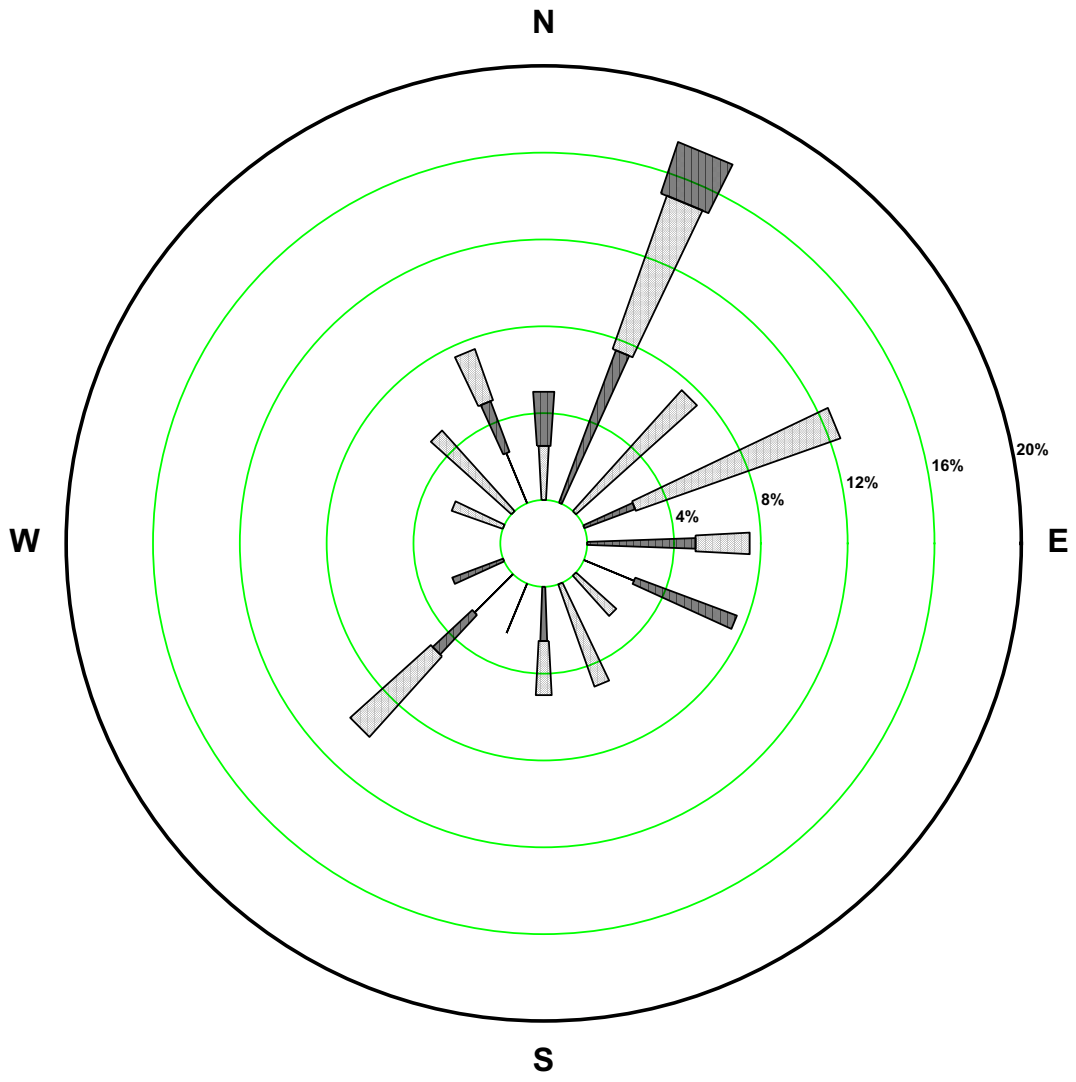
Figure 2.7-93—{CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}



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.

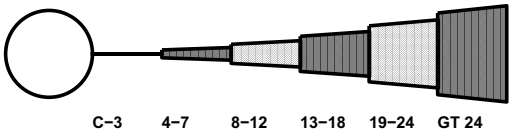


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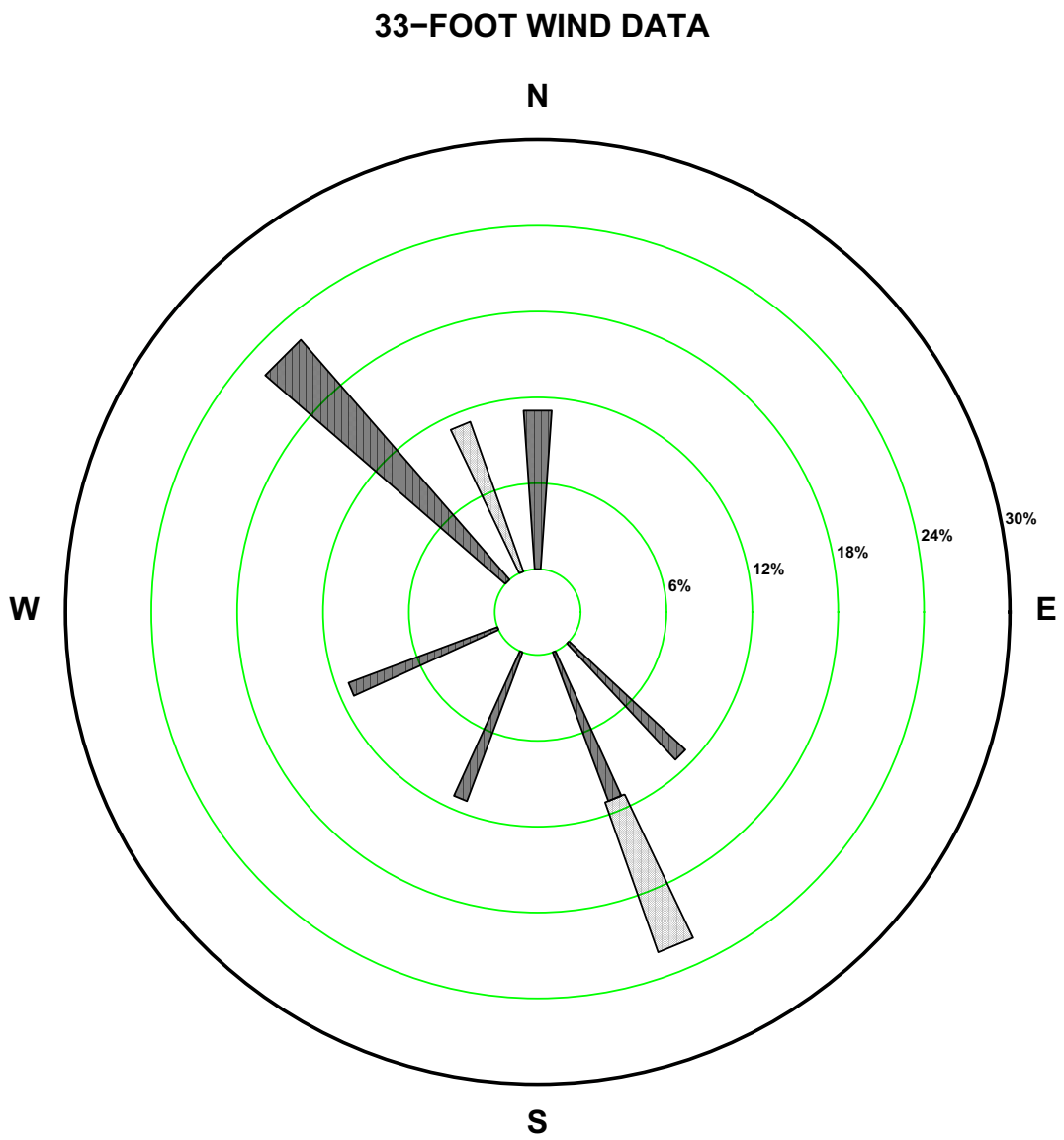
Figure 2.7-94—{CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

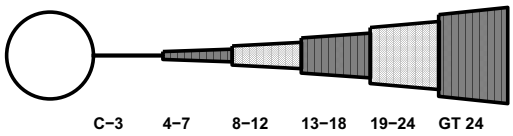


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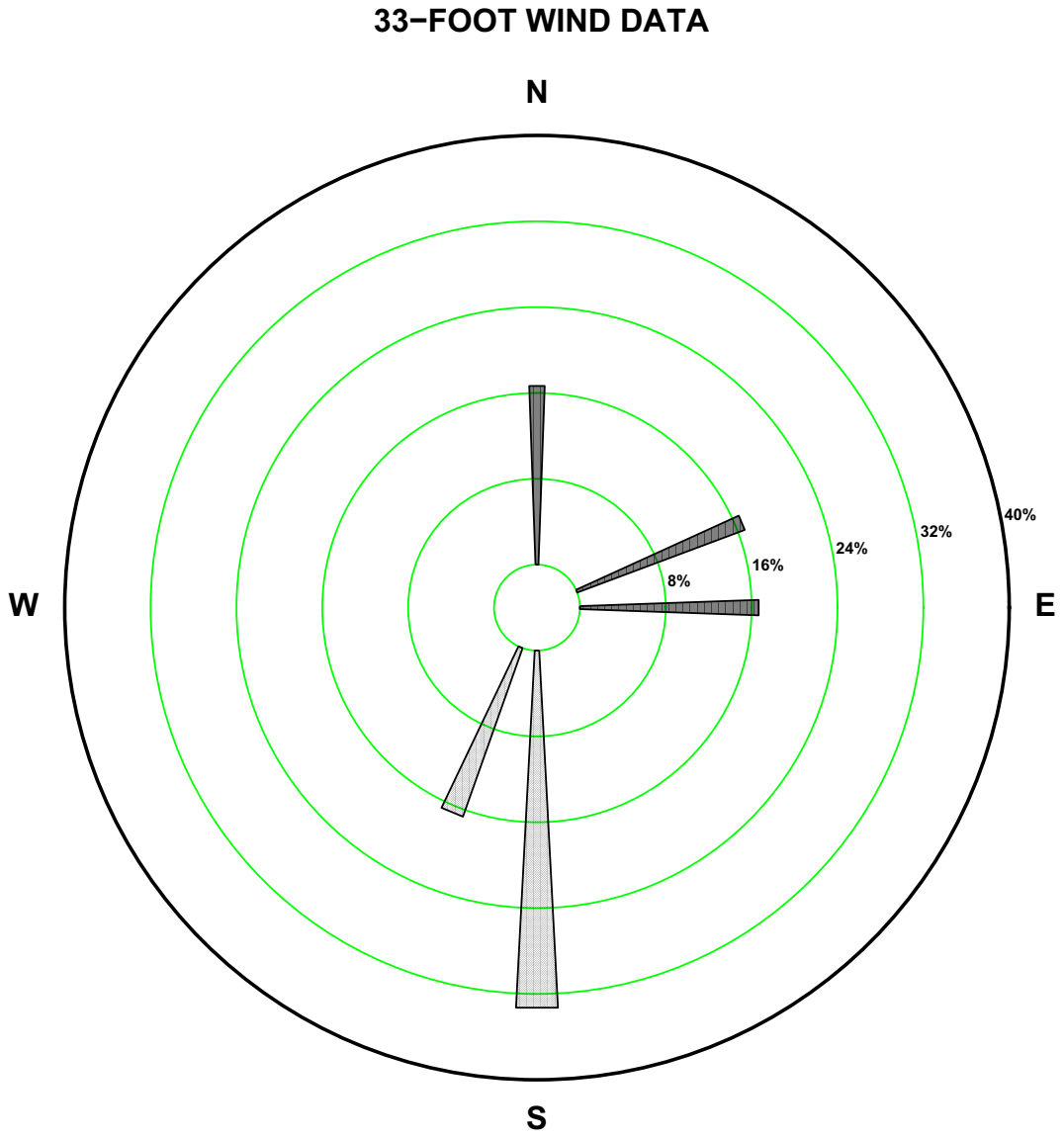
Figure 2.7-95—{CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}



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.

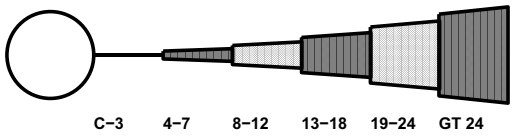


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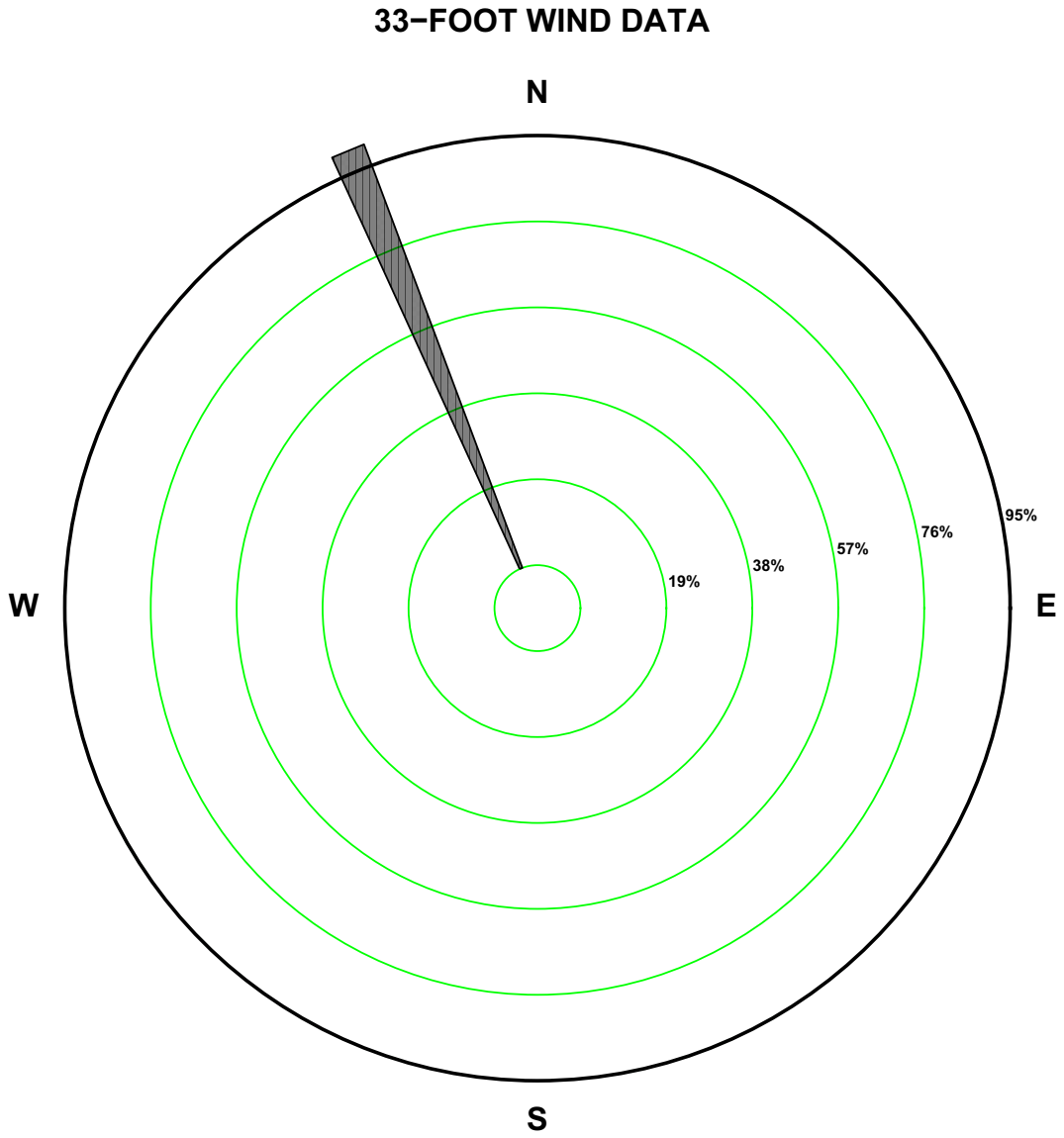
Figure 2.7-96—{CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr}



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.

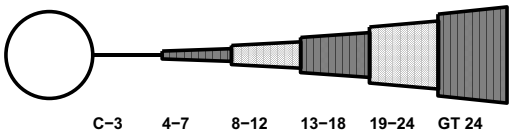


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Figure 2.7-97—{CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr}

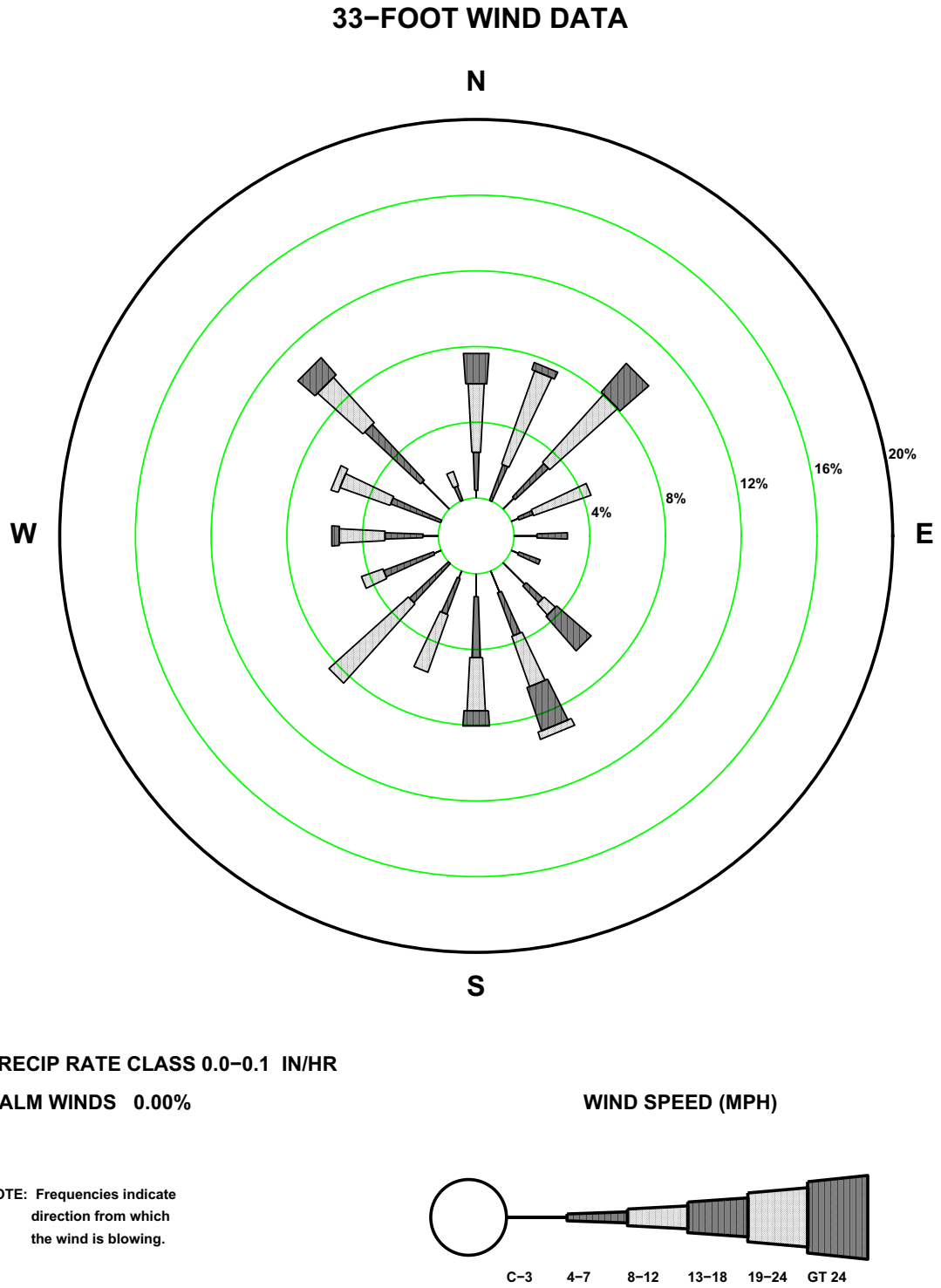

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Figure 2.7-98—{CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

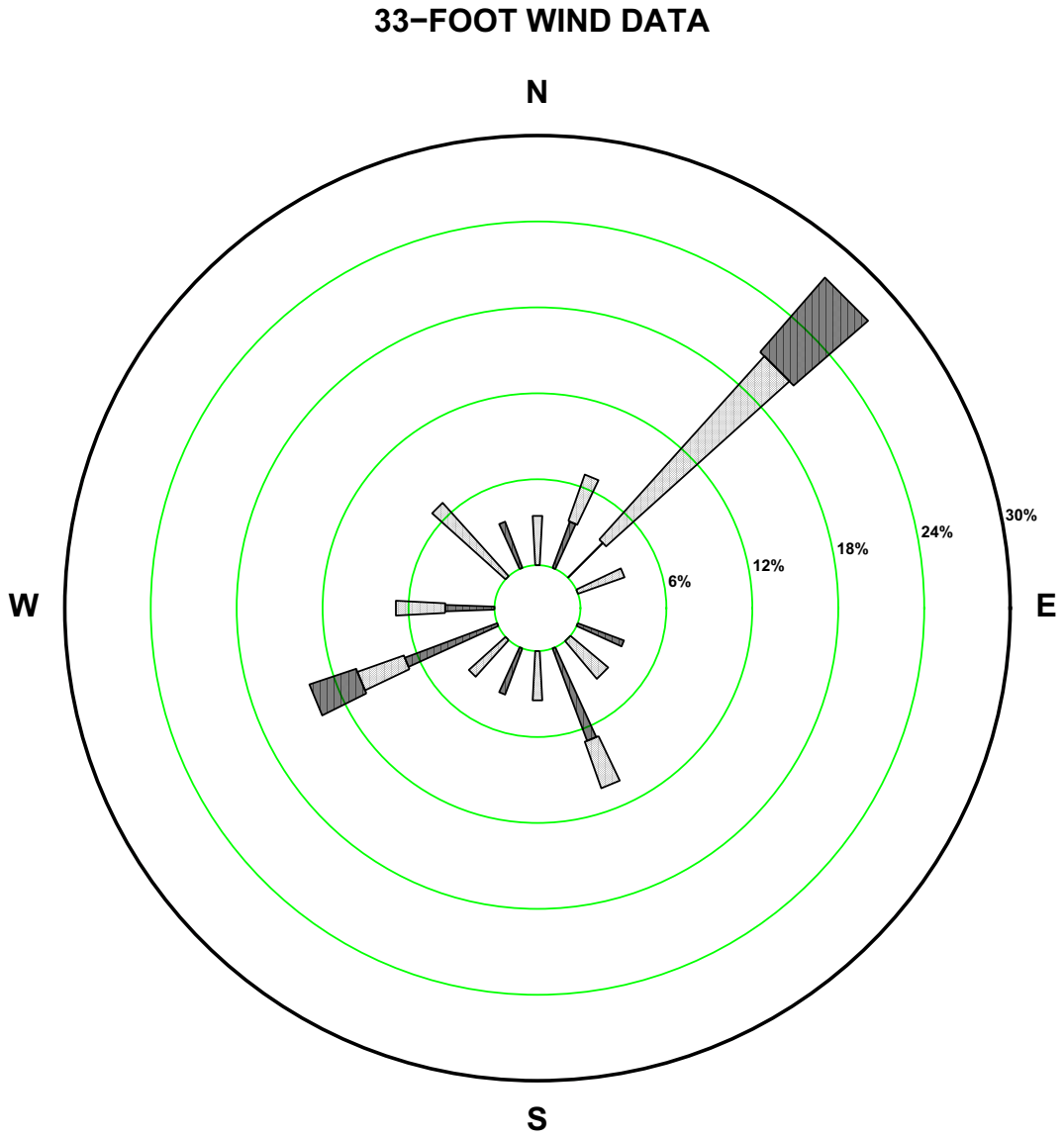

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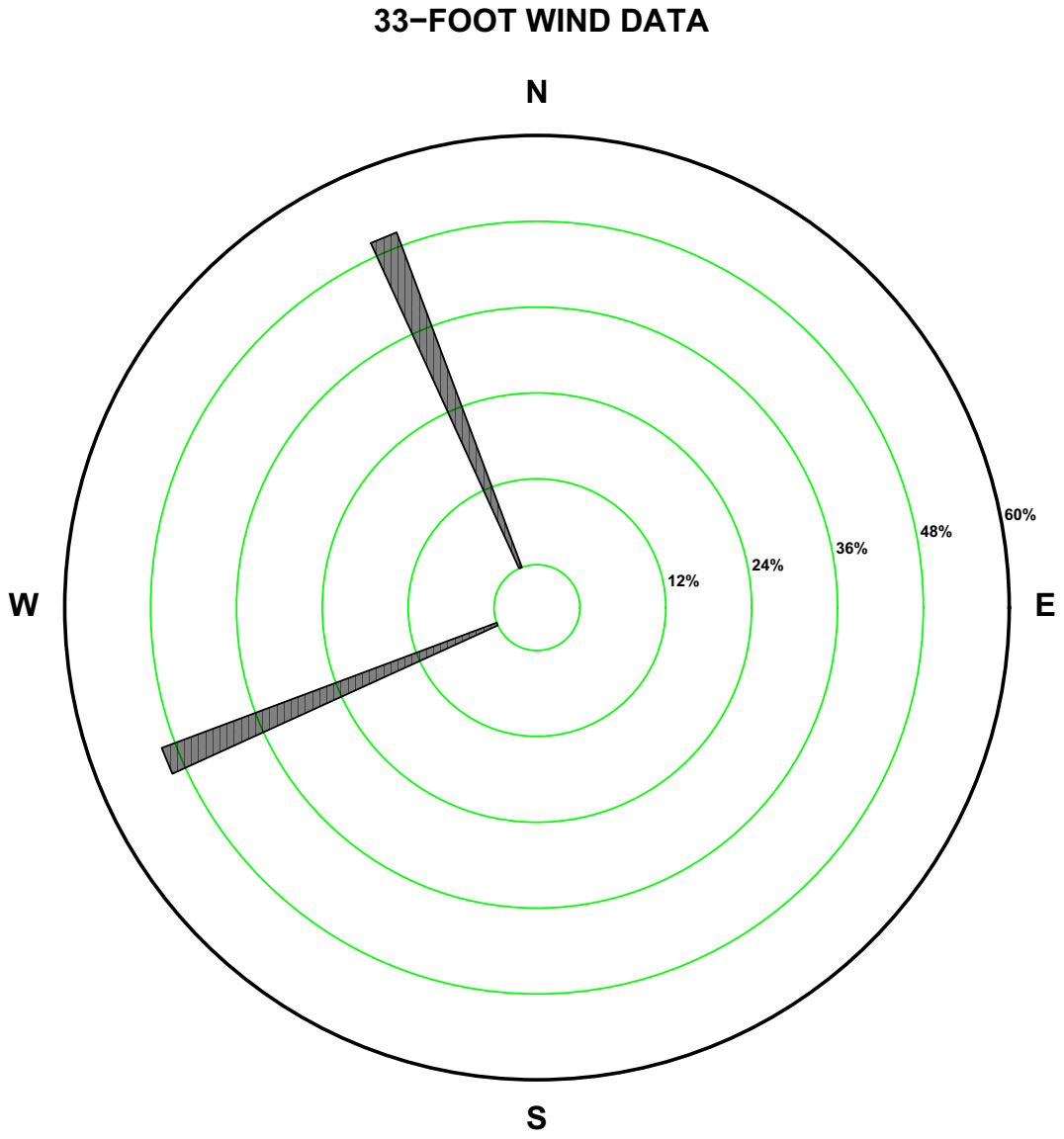
Figure 2.7-99—{CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr}



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.

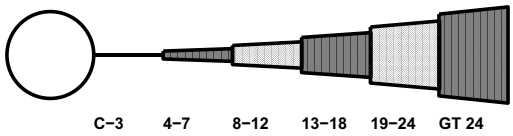


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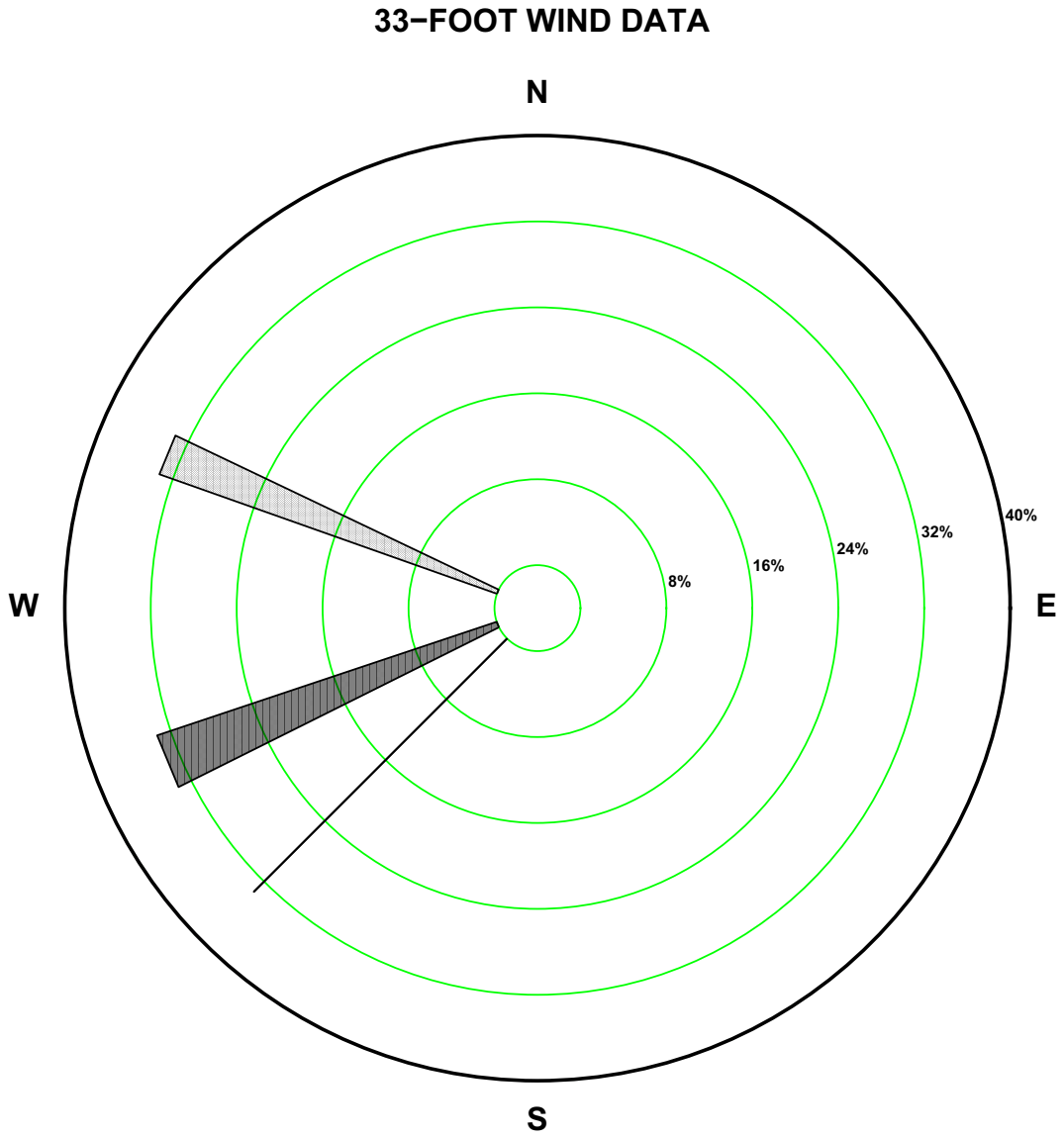
Figure 2.7-100—{CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr}

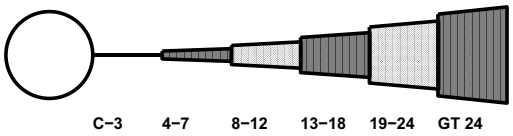


PRECIP RATE CLASS 0.3−0.4 IN/HR

CALM WINDS 0.00%

WIND SPEED (MPH)

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



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