Figure 2.7-100—CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

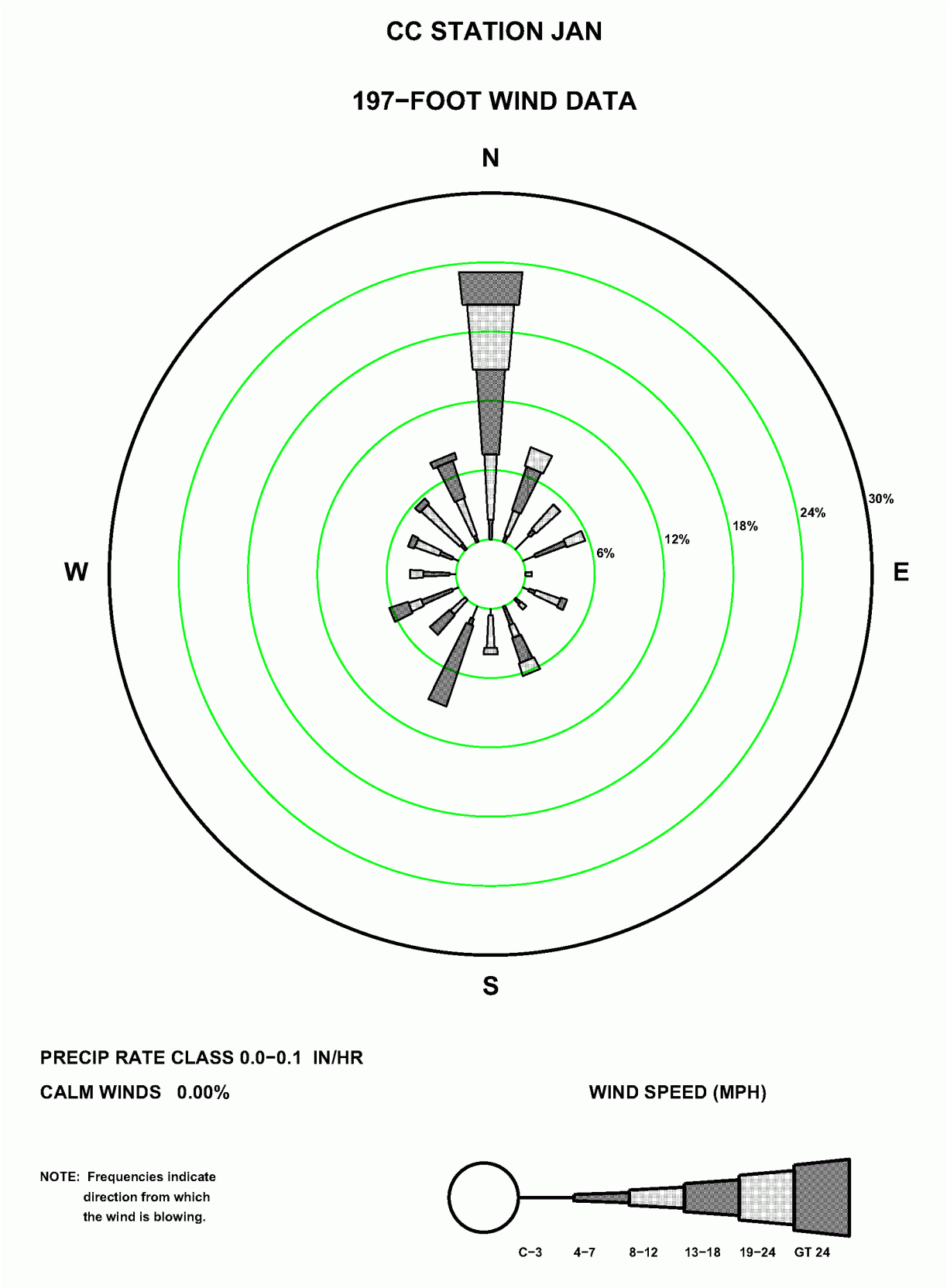

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Figure 2.7-101—CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

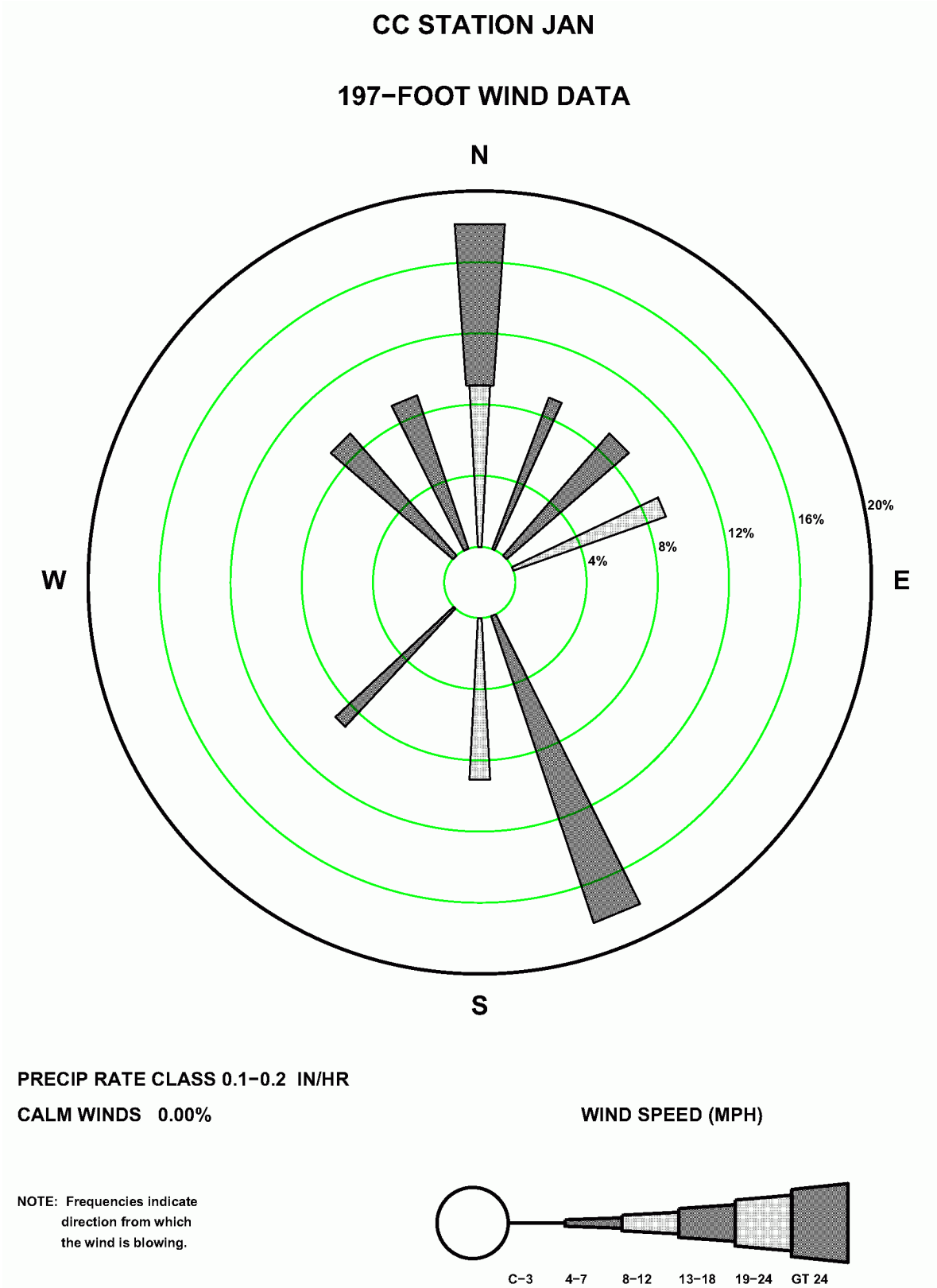

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Figure 2.7-102—CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

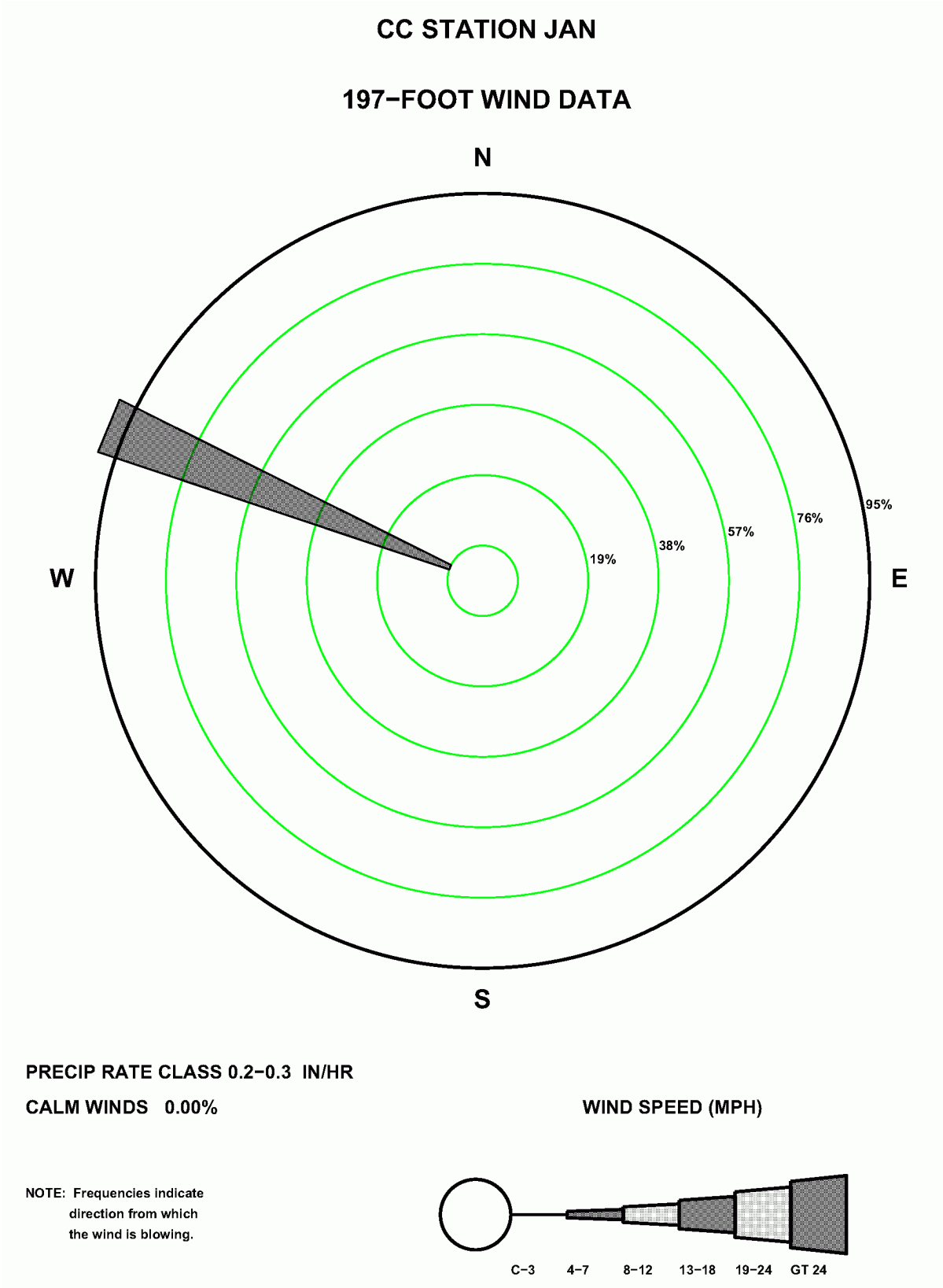

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Figure 2.7-103—CCNPP 197 ft January Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

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Figure 2.7-104—CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

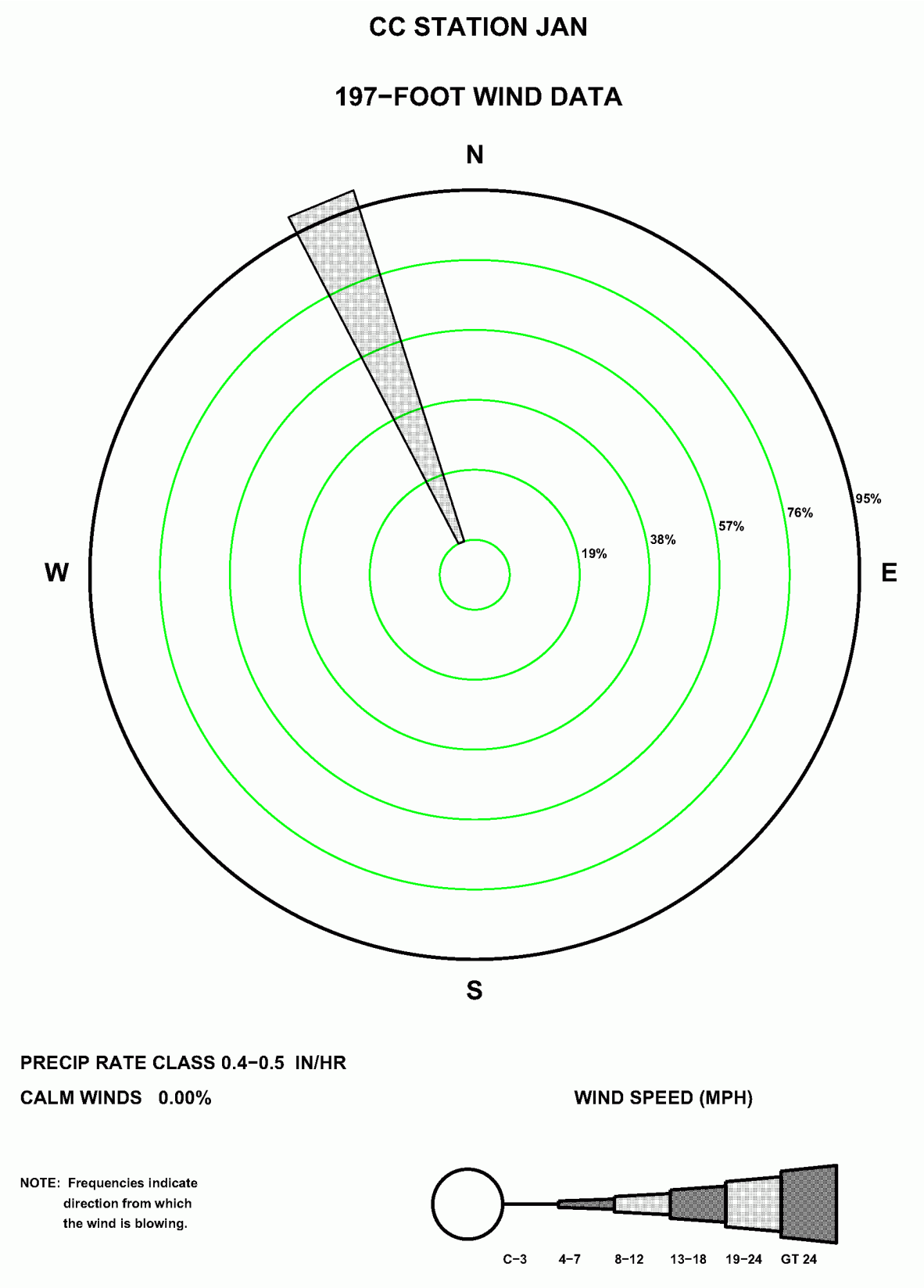

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Figure 2.7-105—CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

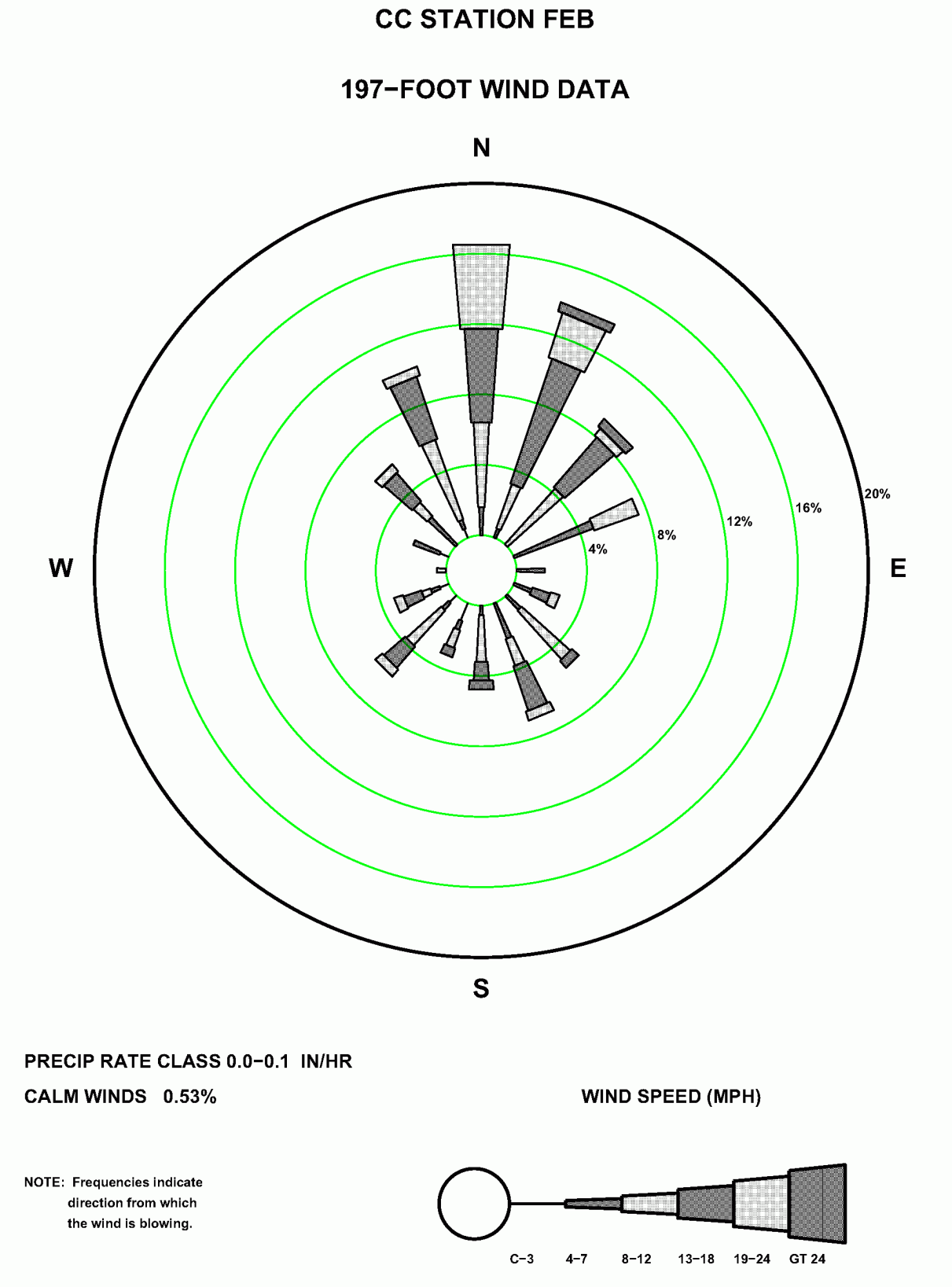

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Figure 2.7-106—CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

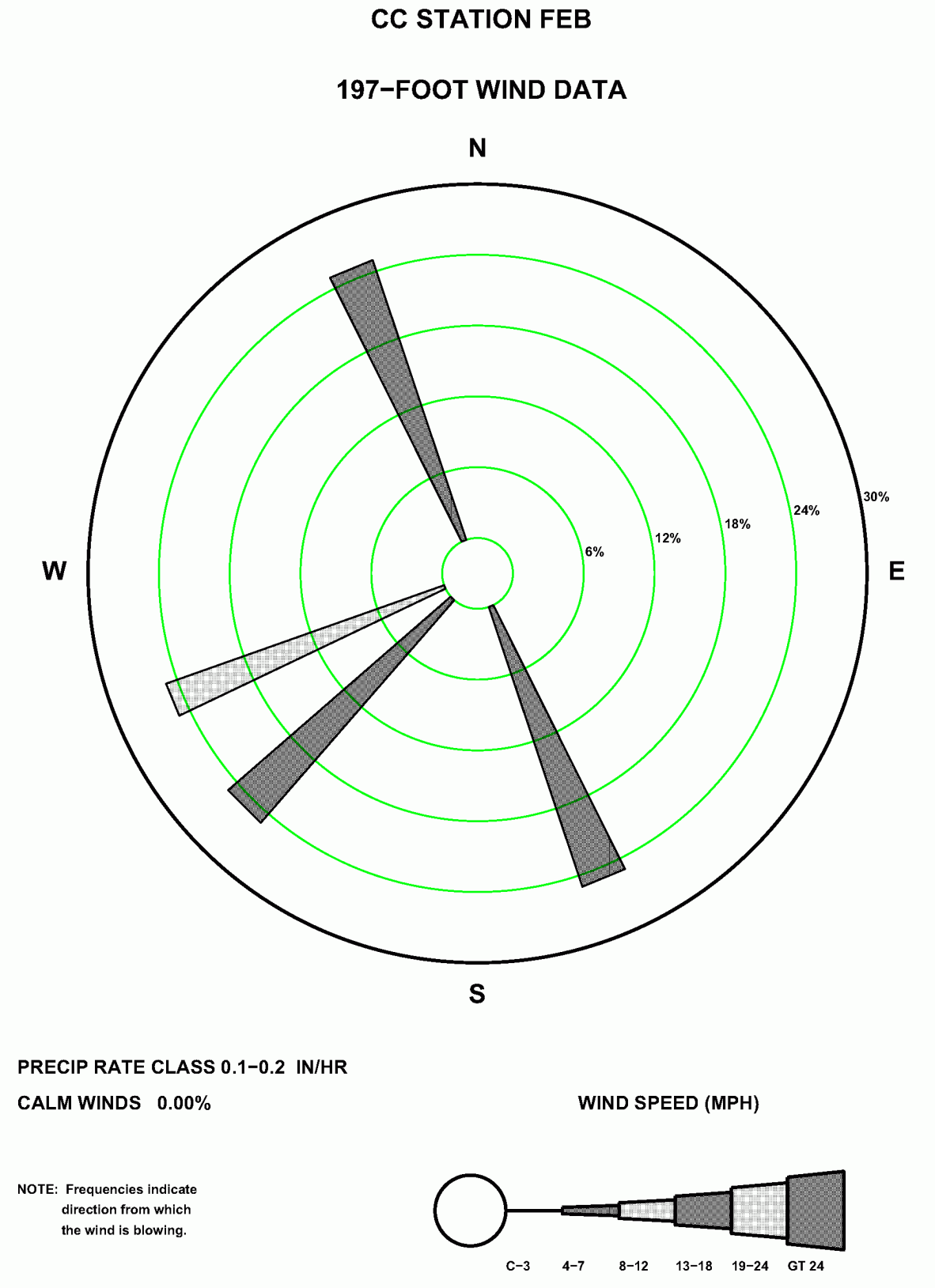

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Figure 2.7-107—CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

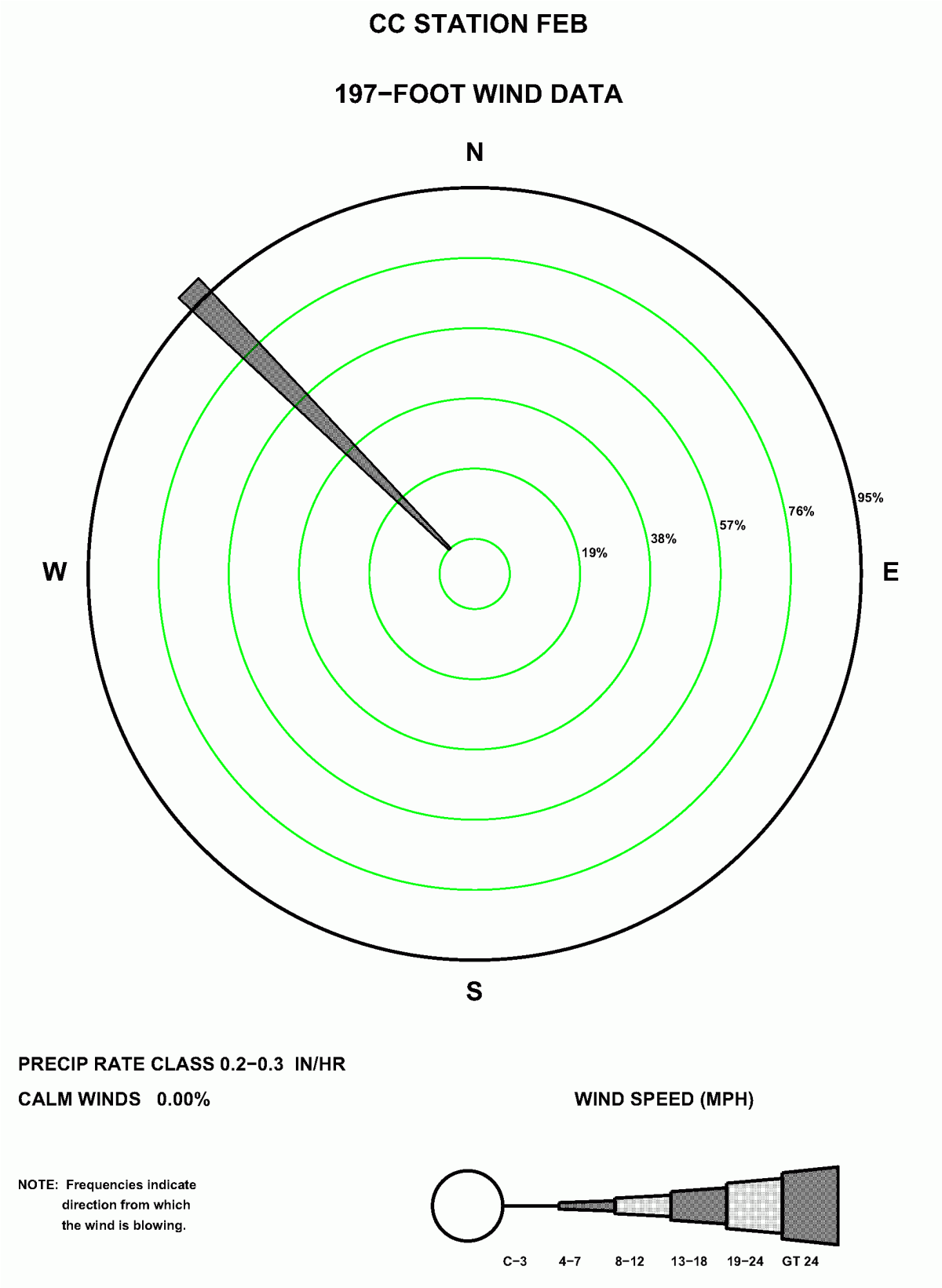

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Figure 2.7-108—CCNPP 197 ft February Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

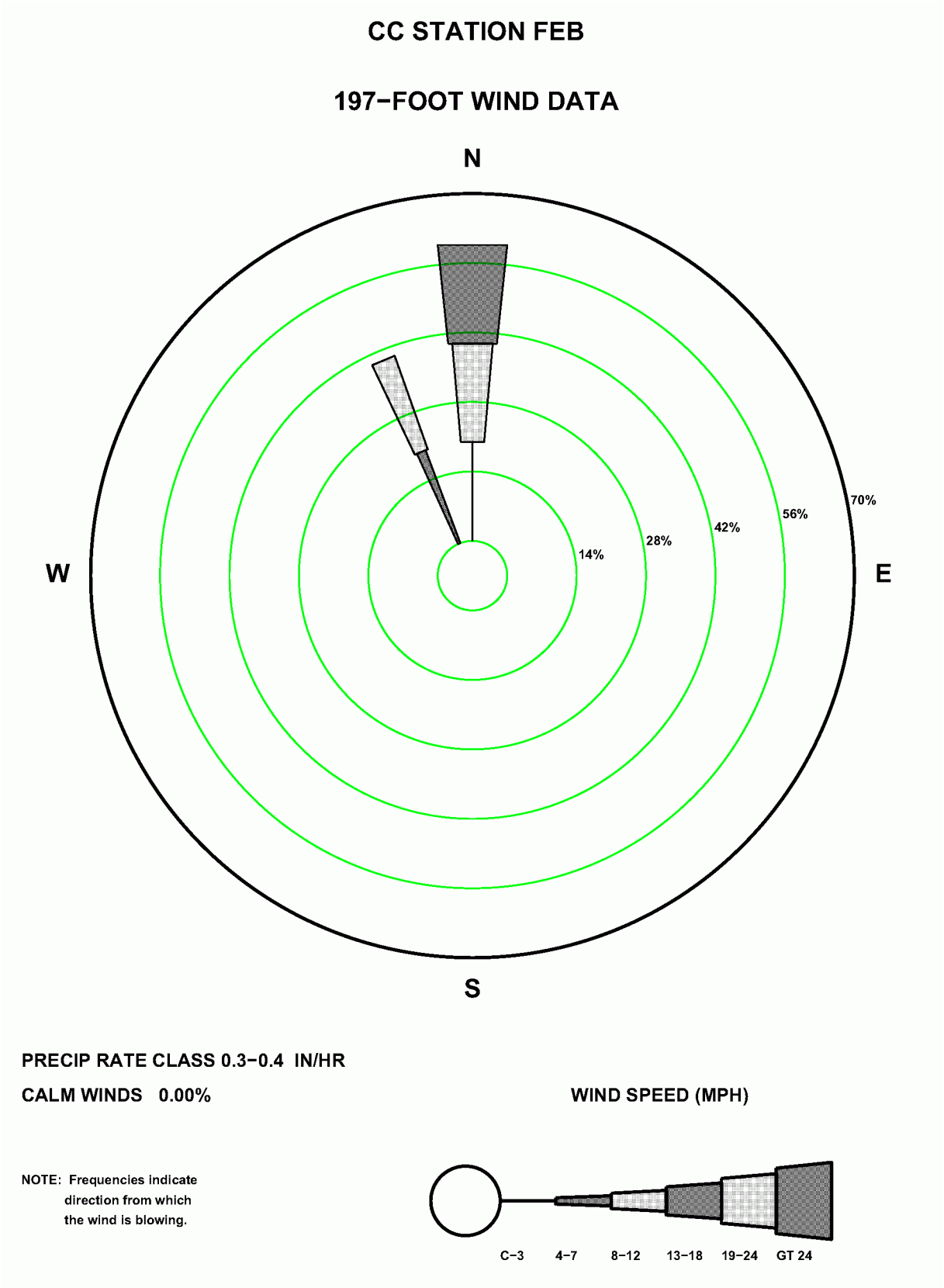

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Figure 2.7-109—CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

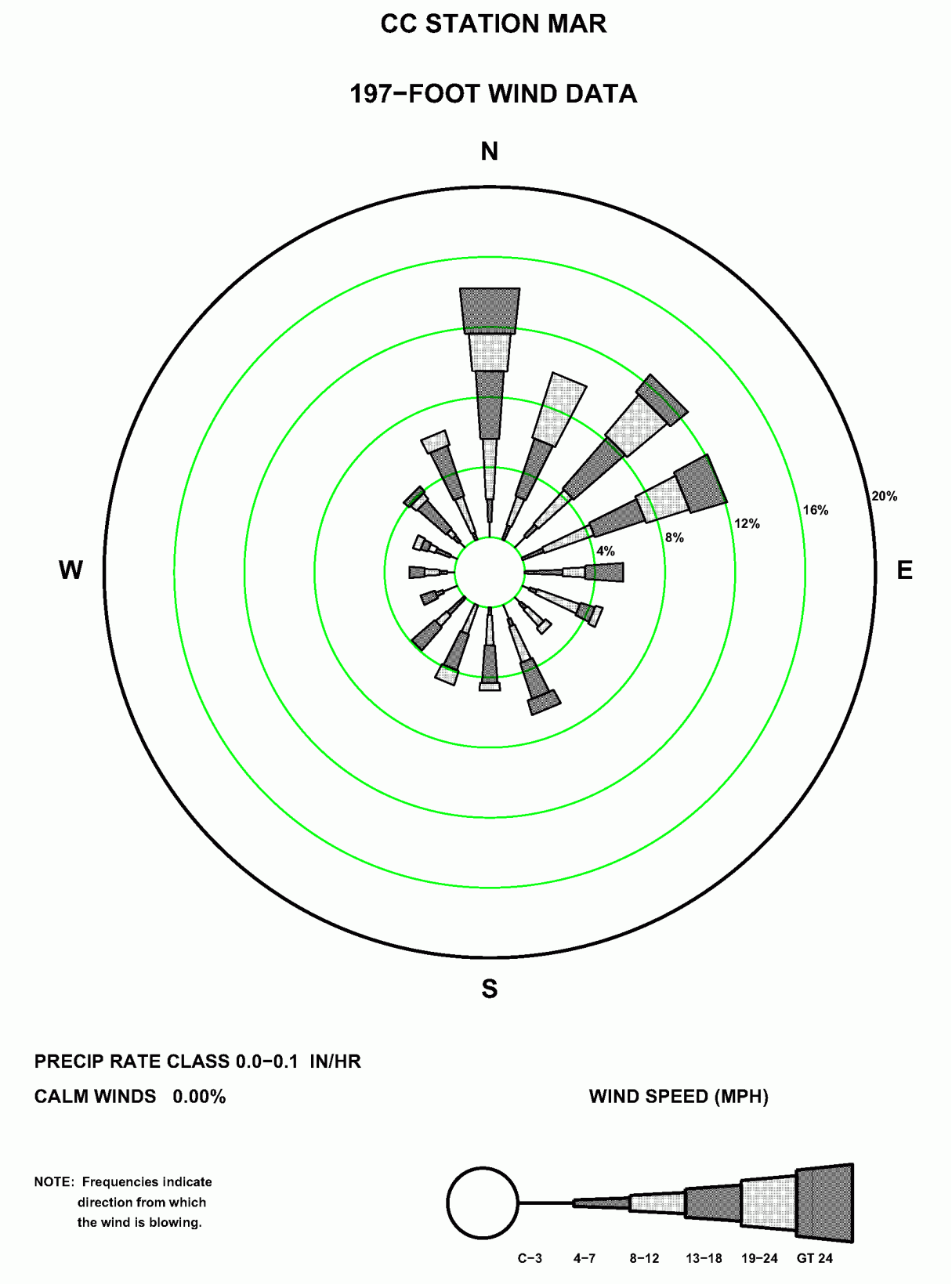

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Figure 2.7-110—CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

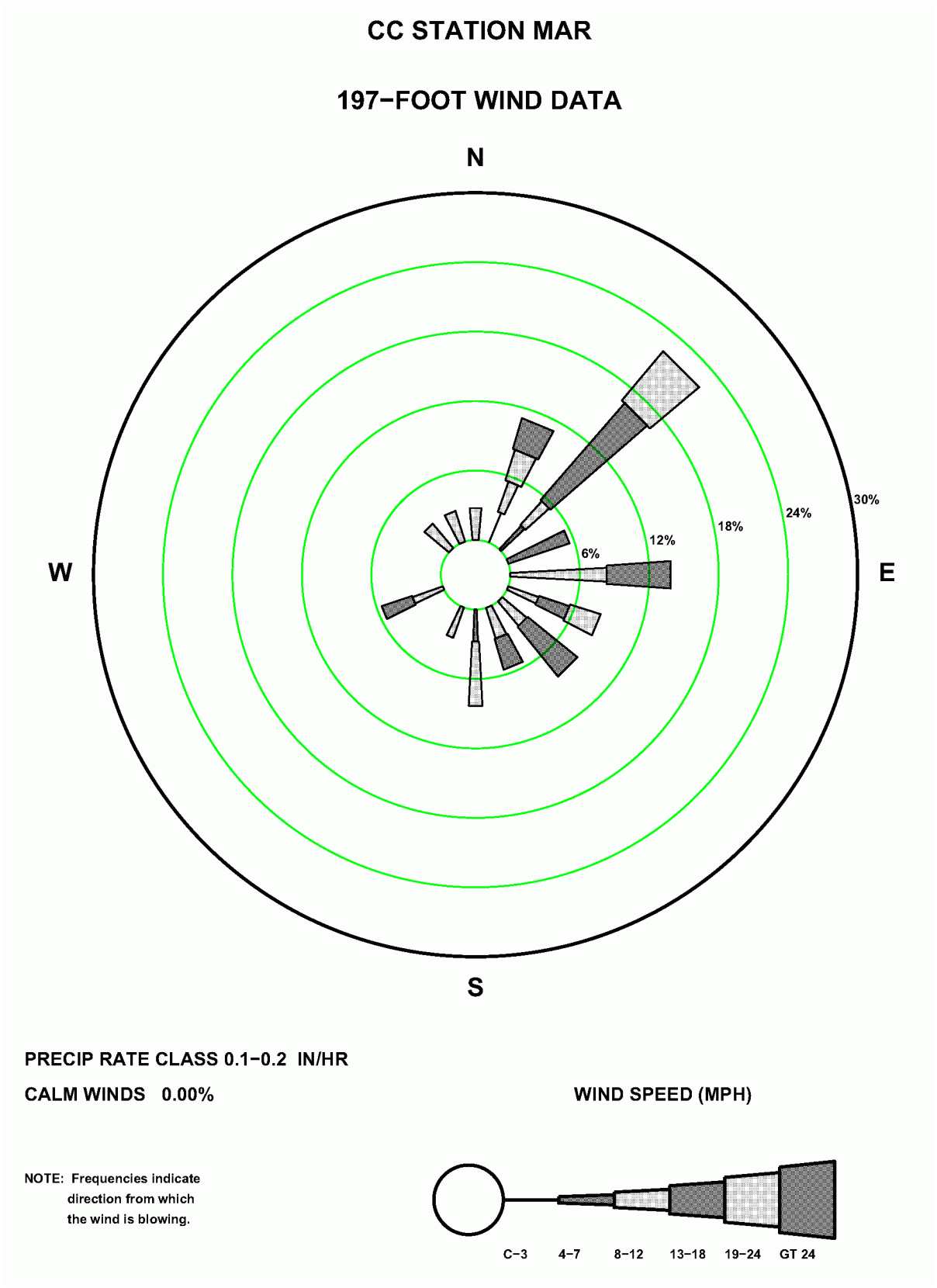

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Figure 2.7-111—CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

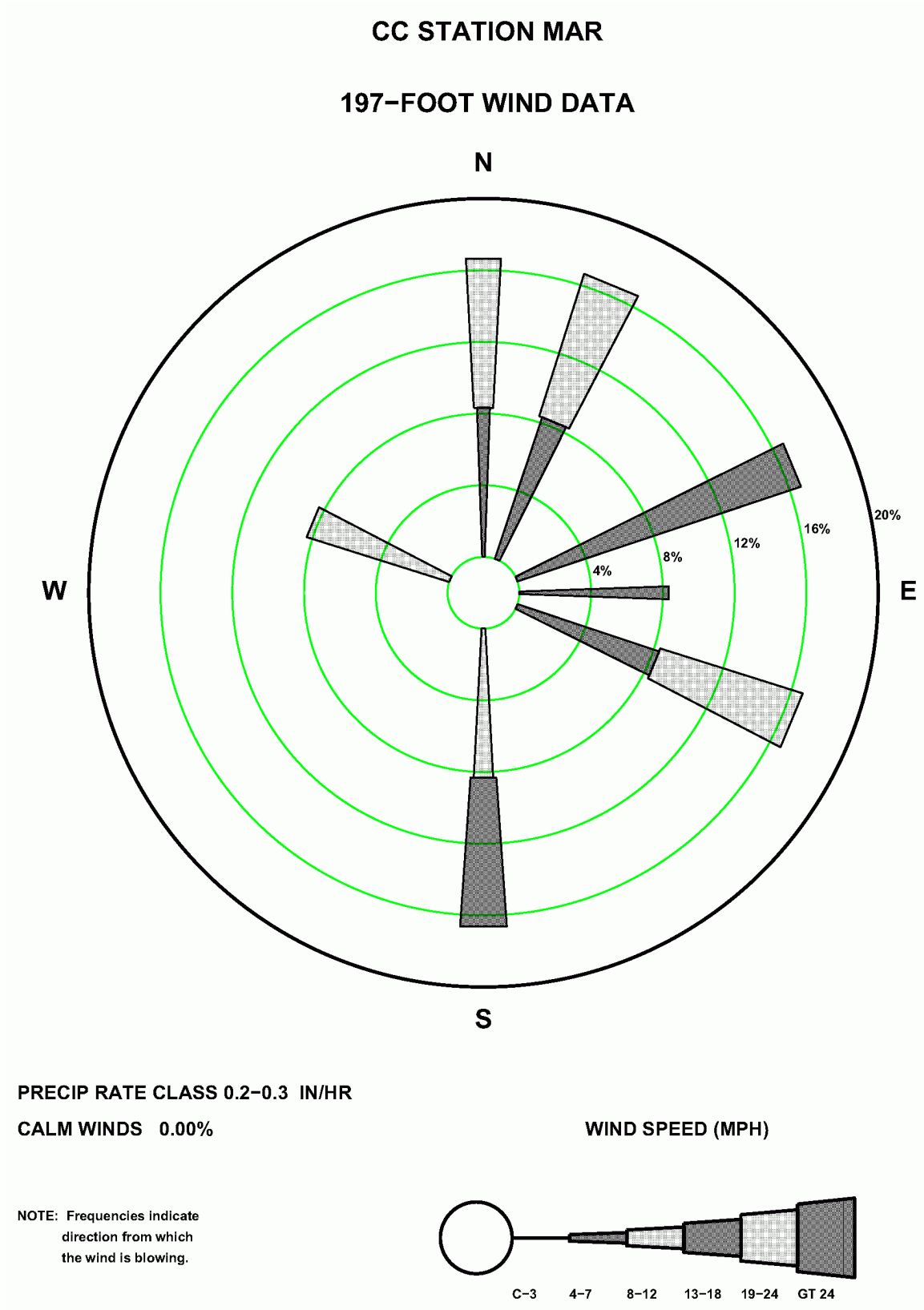

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Figure 2.7-112—CCNPP 197 ft March Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

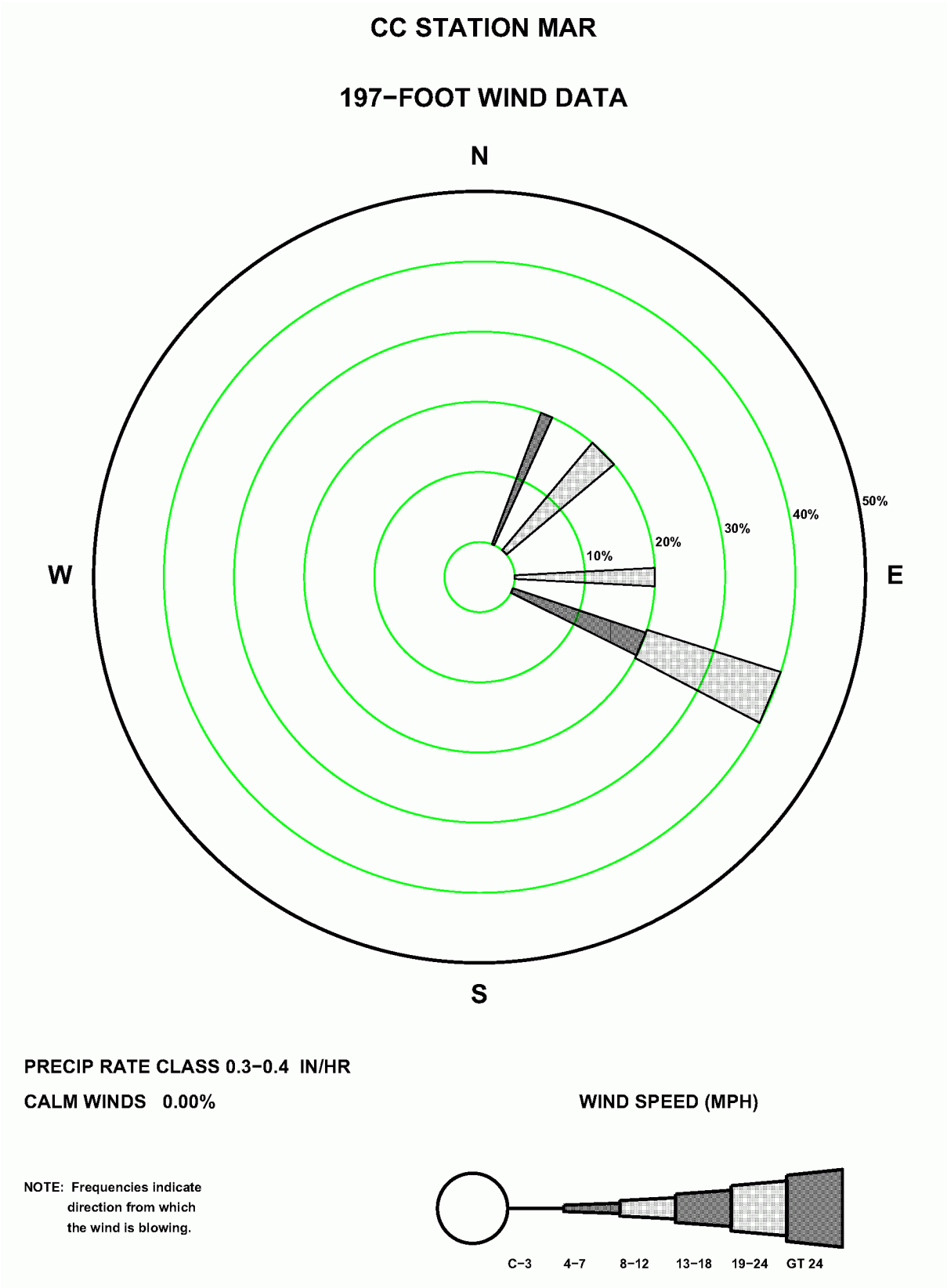

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Figure 2.7-113—CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

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Figure 2.7-114—CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

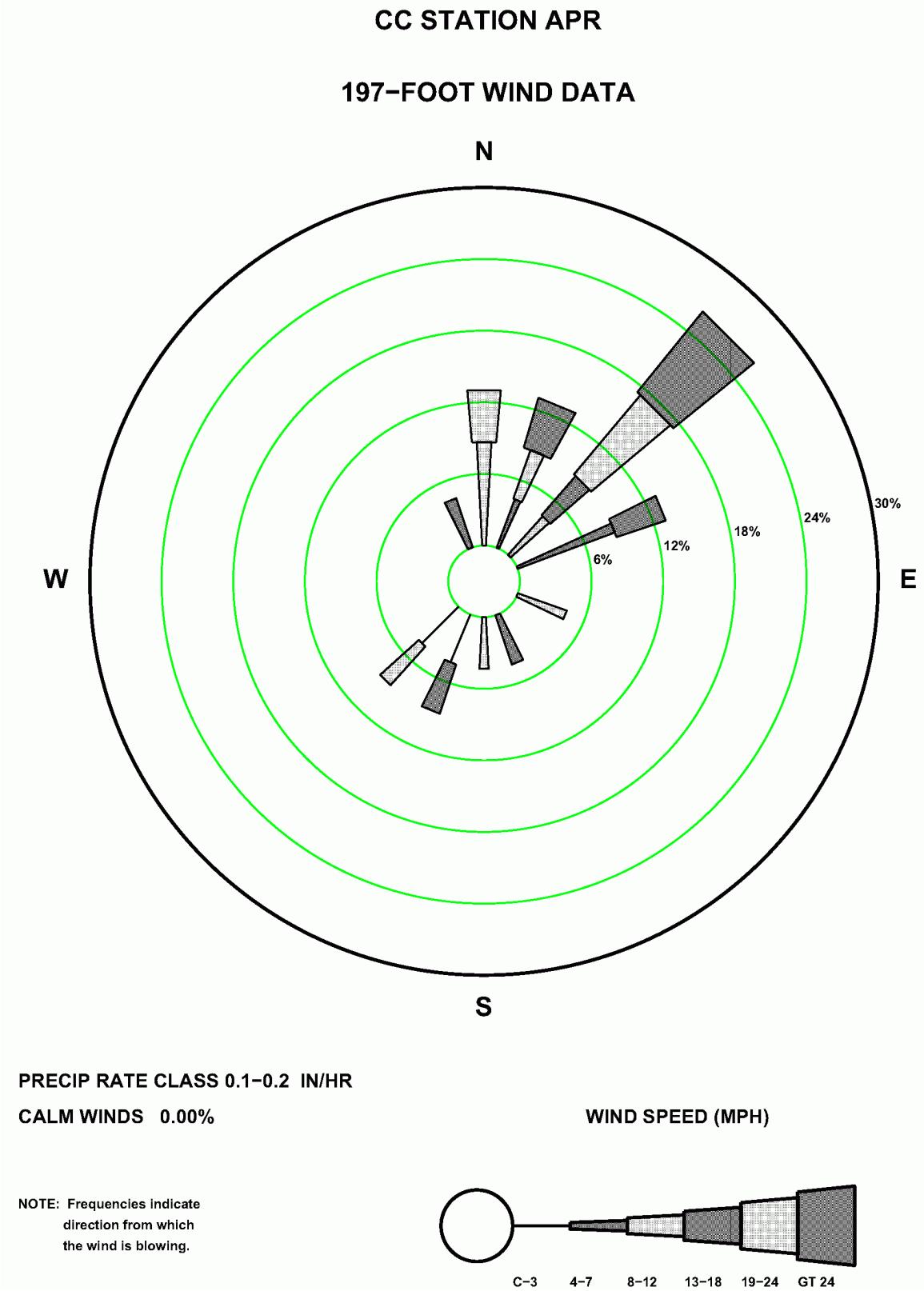

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Figure 2.7-115—CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

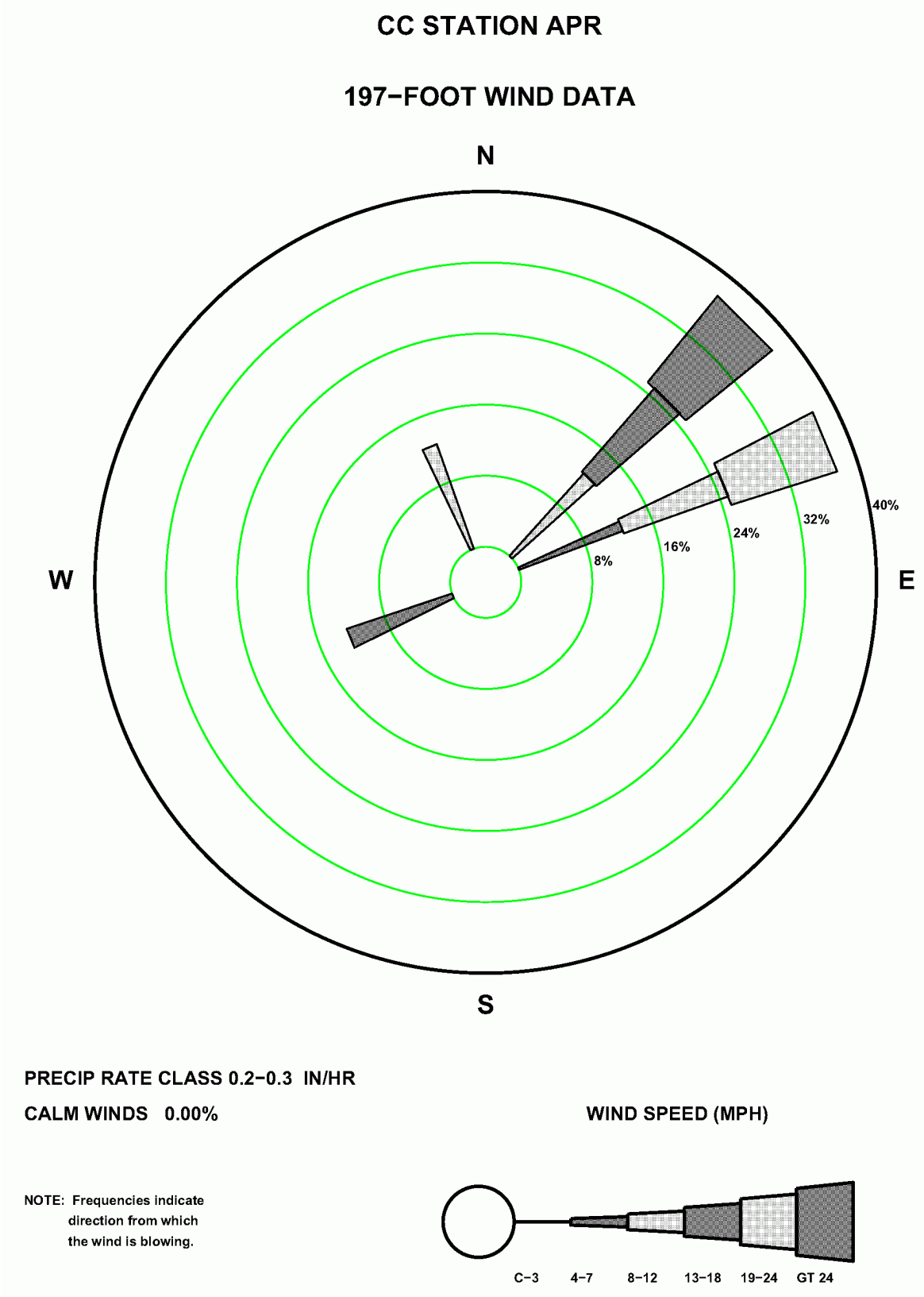

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Figure 2.7-116—CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

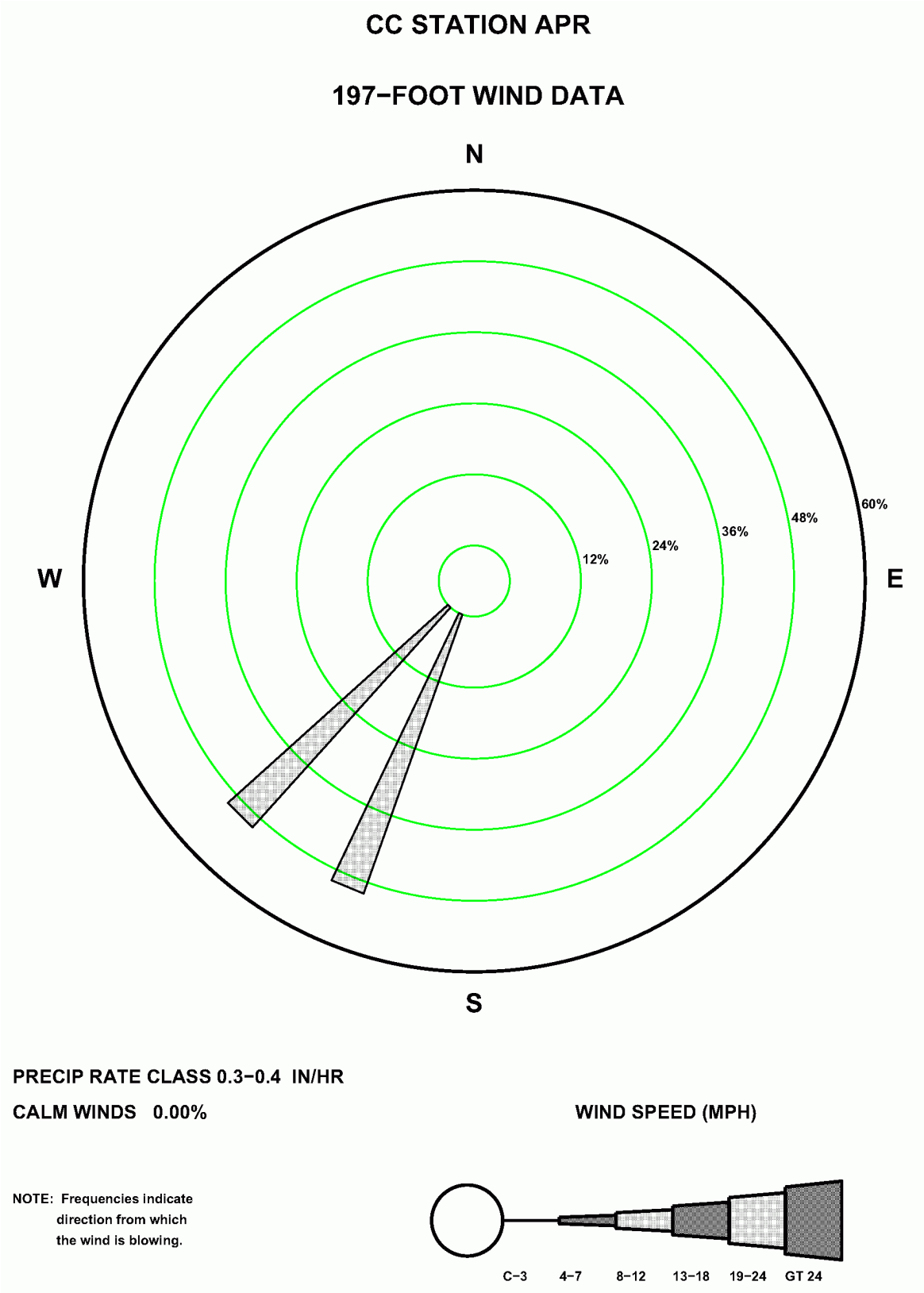

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Figure 2.7-117—CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

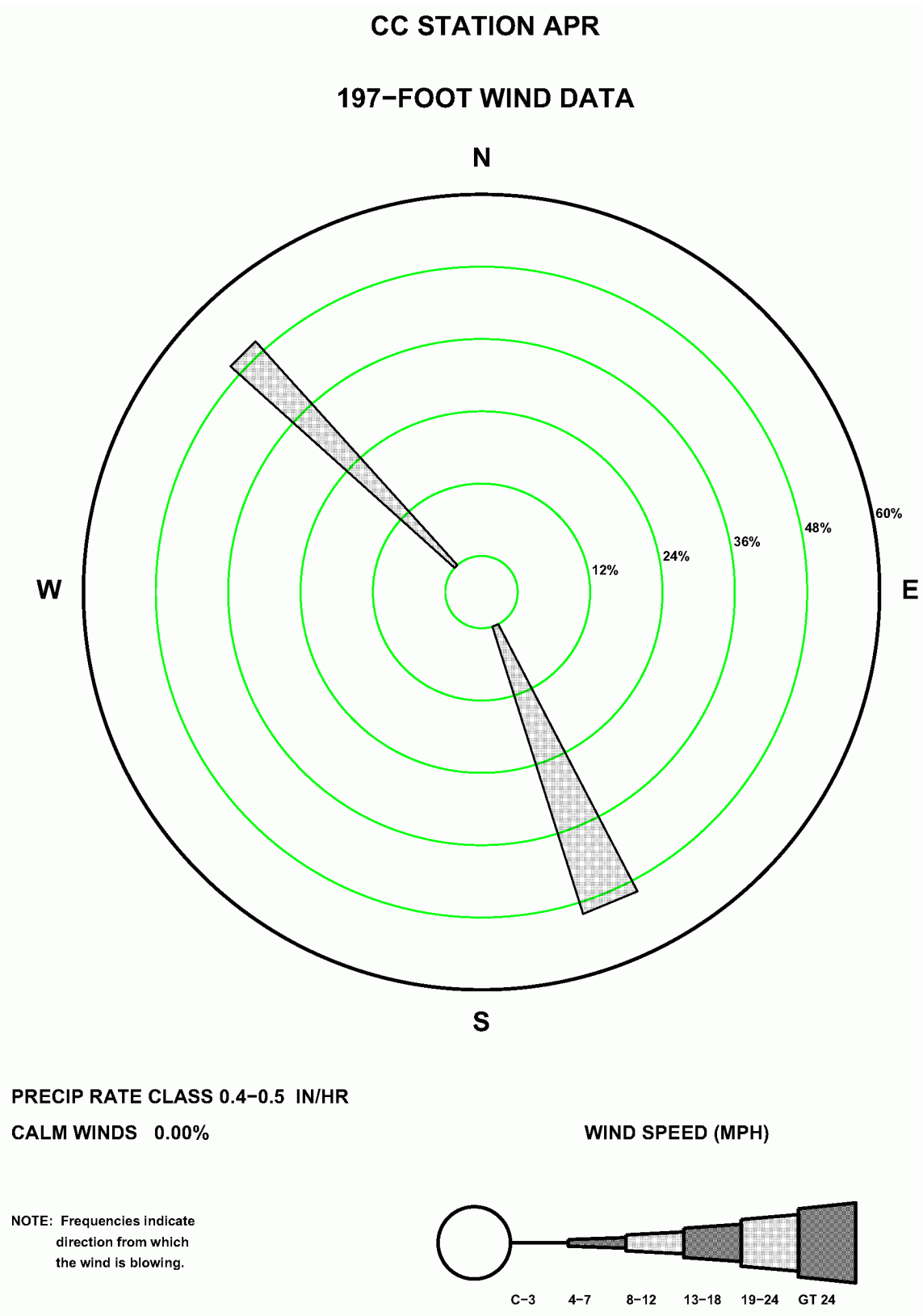

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Figure 2.7-118—CCNPP 197 ft April Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr

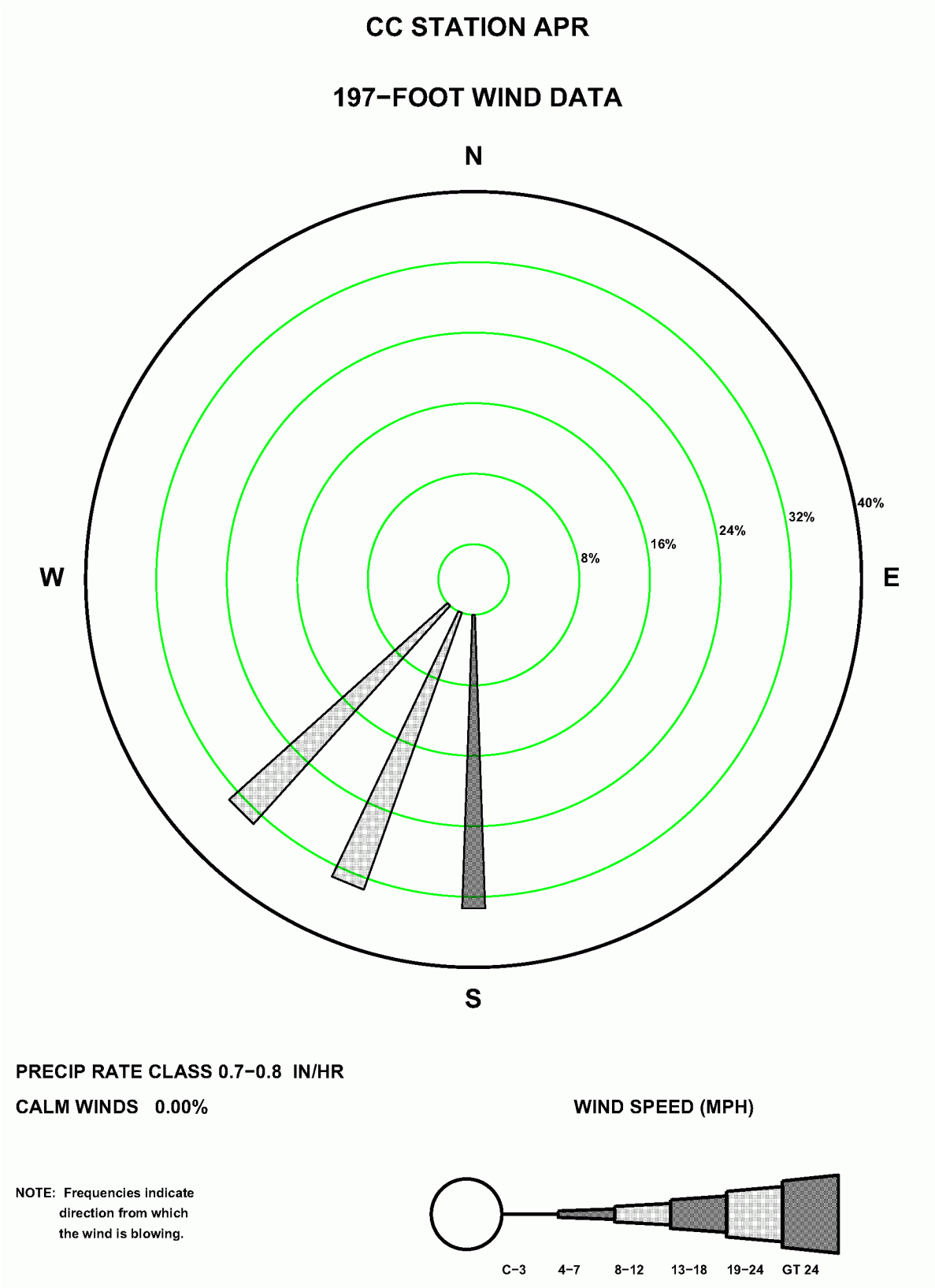

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Figure 2.7-119—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

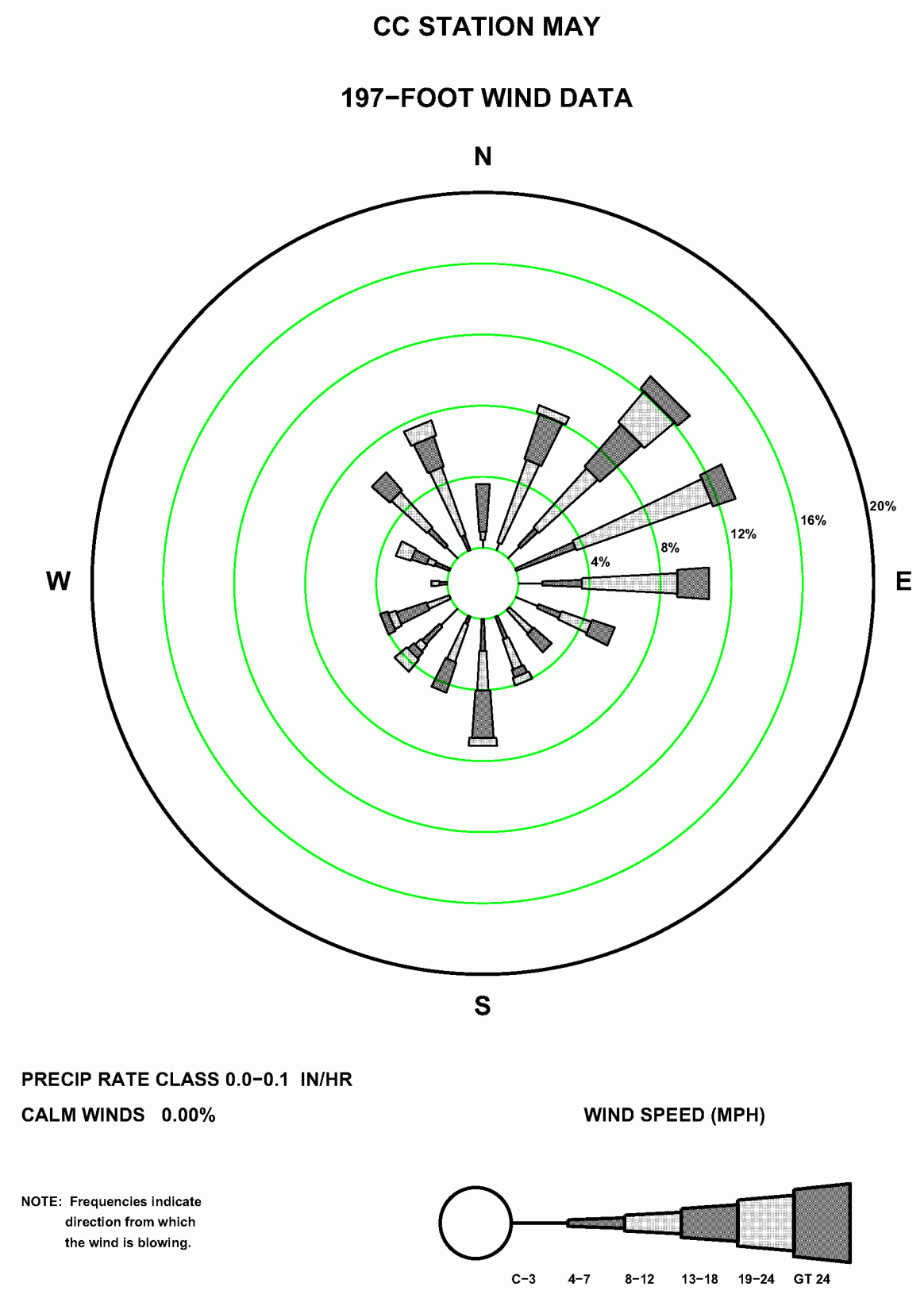

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Figure 2.7-120—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

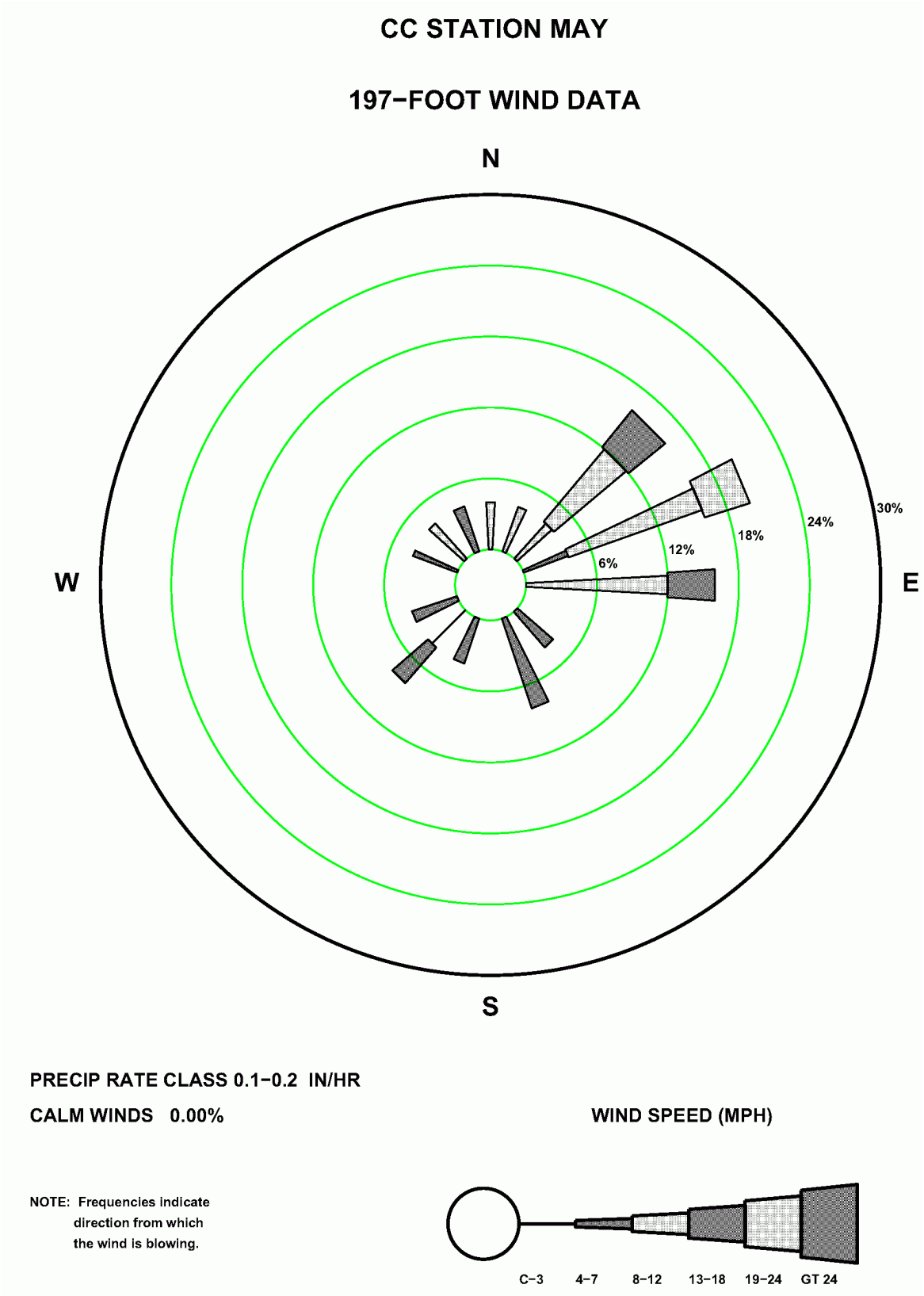

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Figure 2.7-121—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

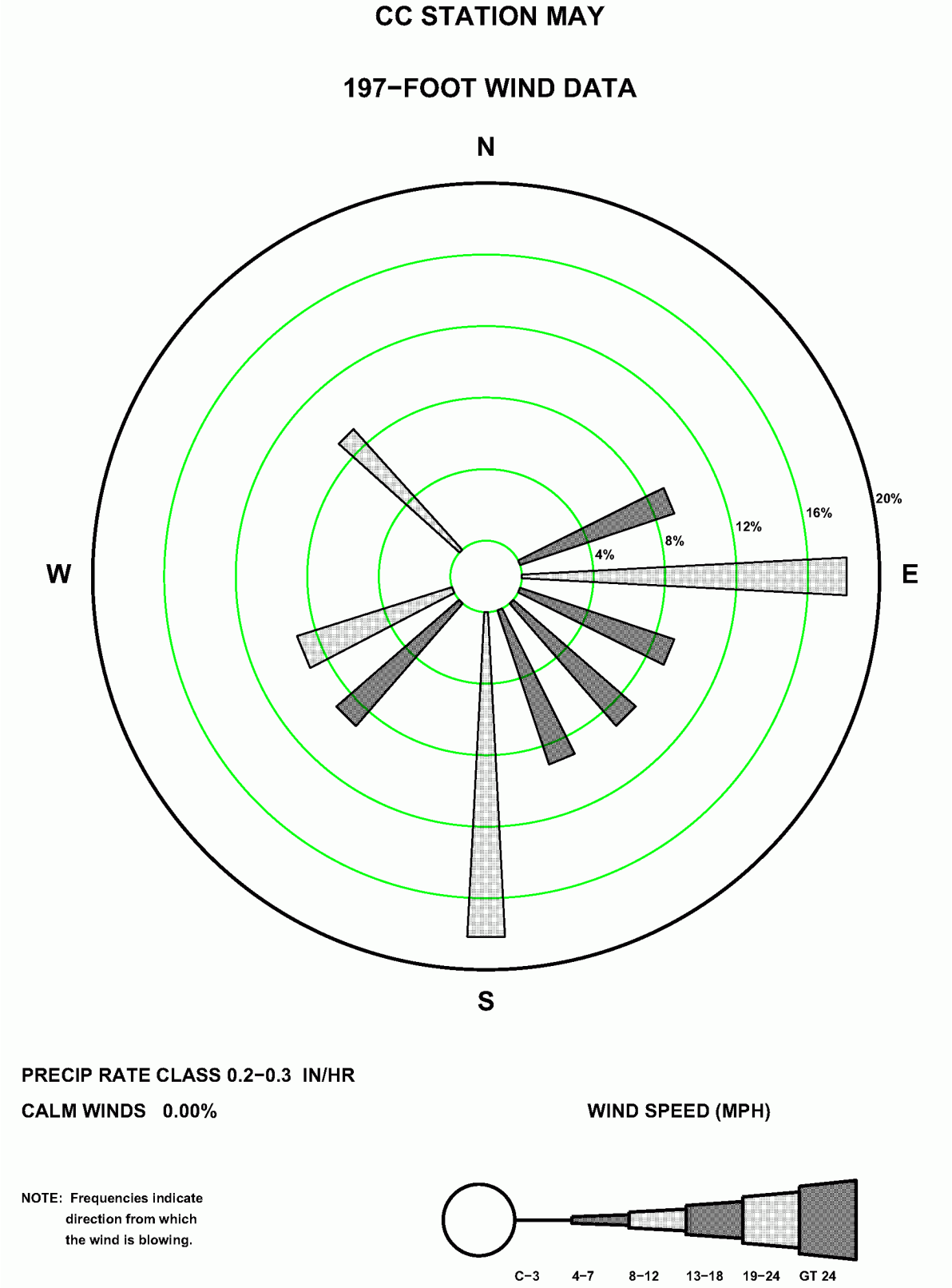

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Figure 2.7-122—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

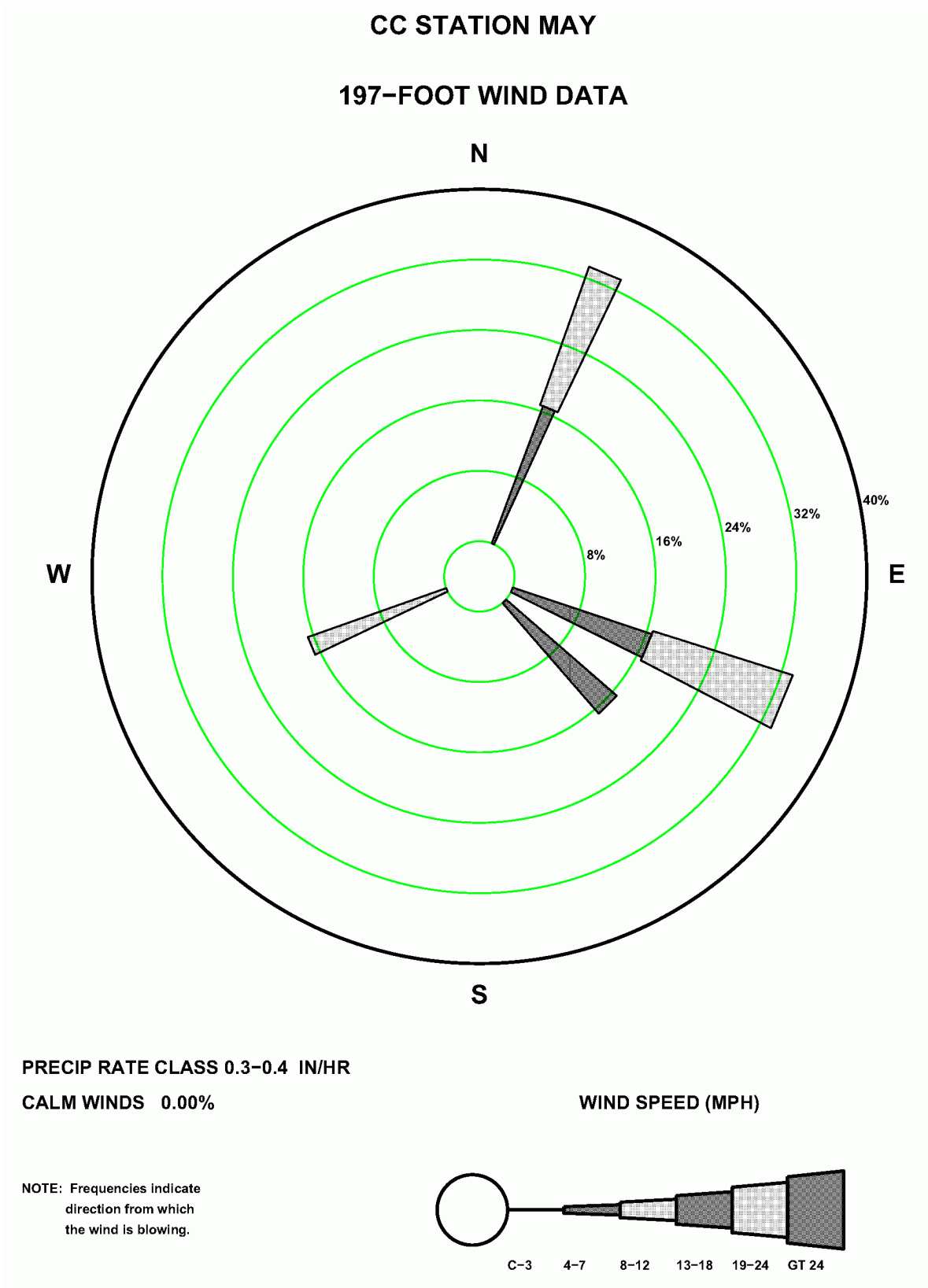

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Figure 2.7-123—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

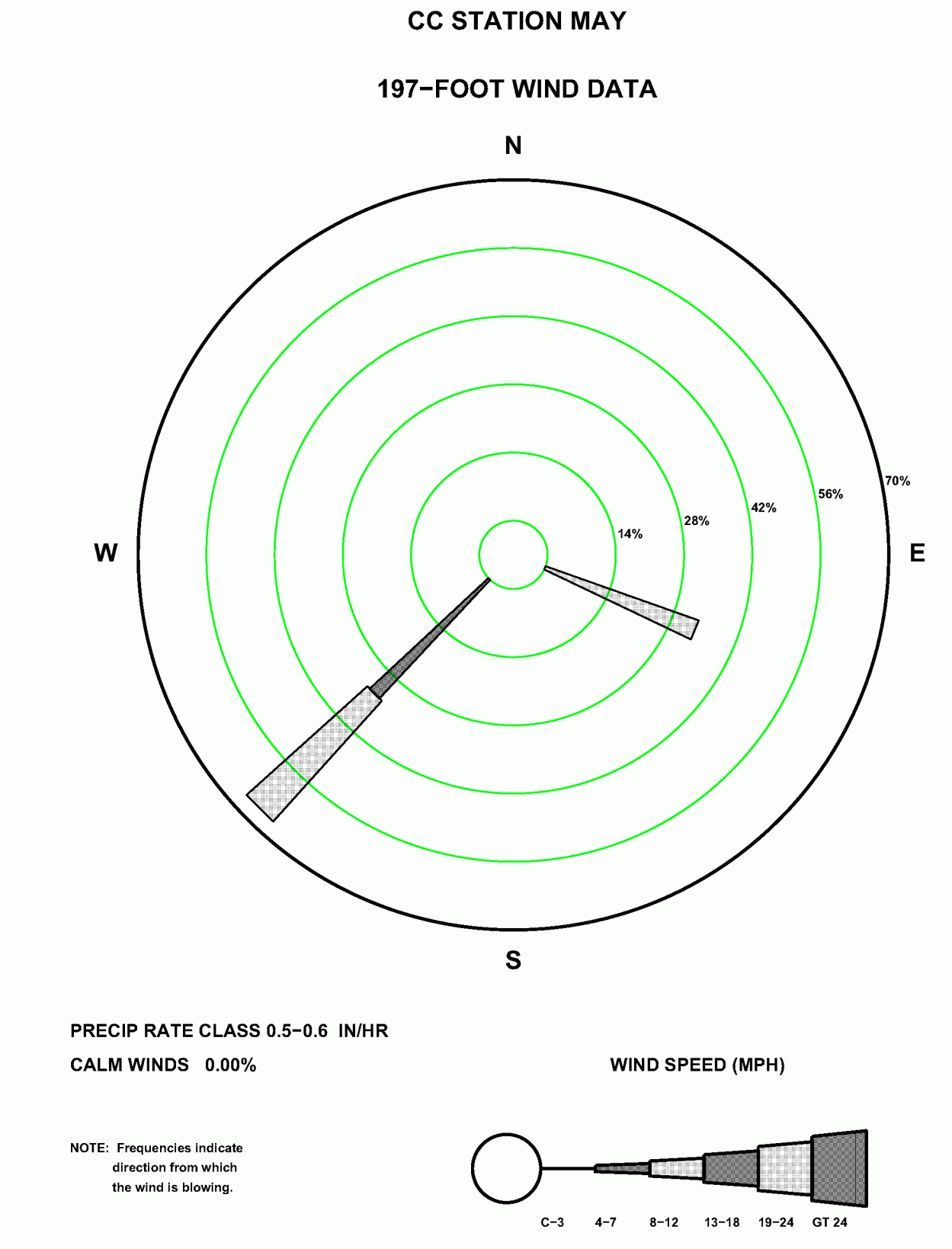

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Figure 2.7-124—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

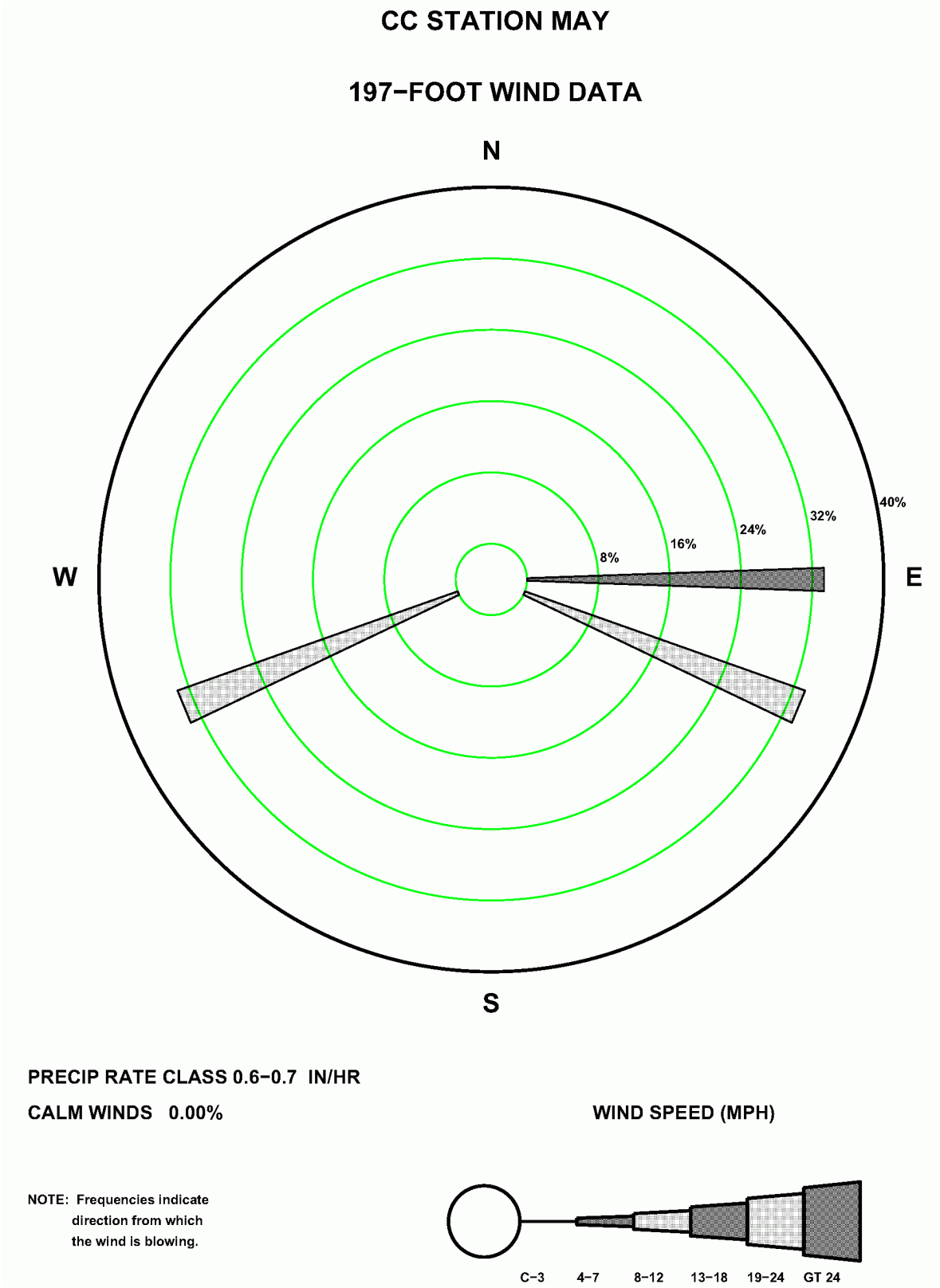

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Figure 2.7-125—CCNPP 197 ft May Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr

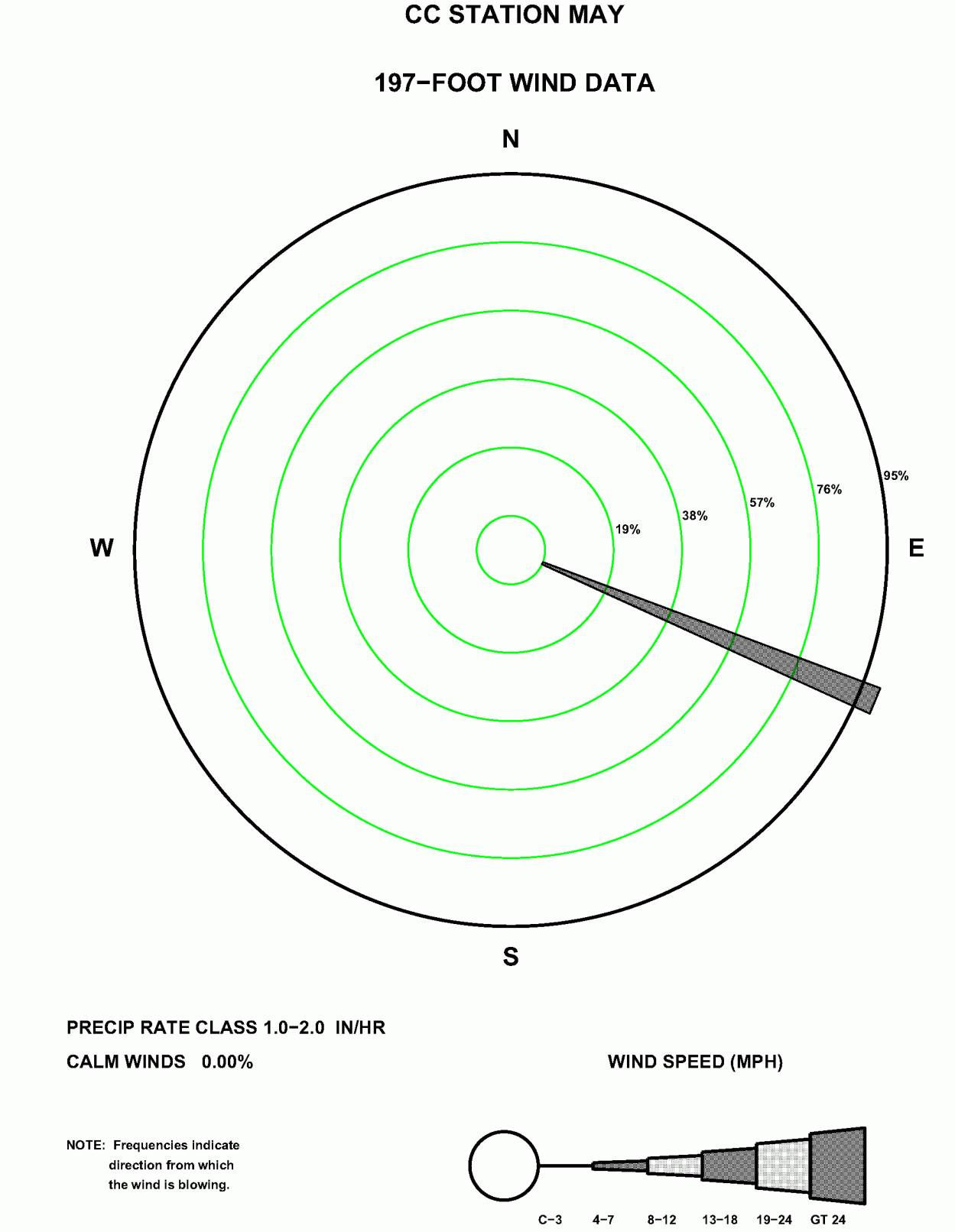

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Figure 2.7-126—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

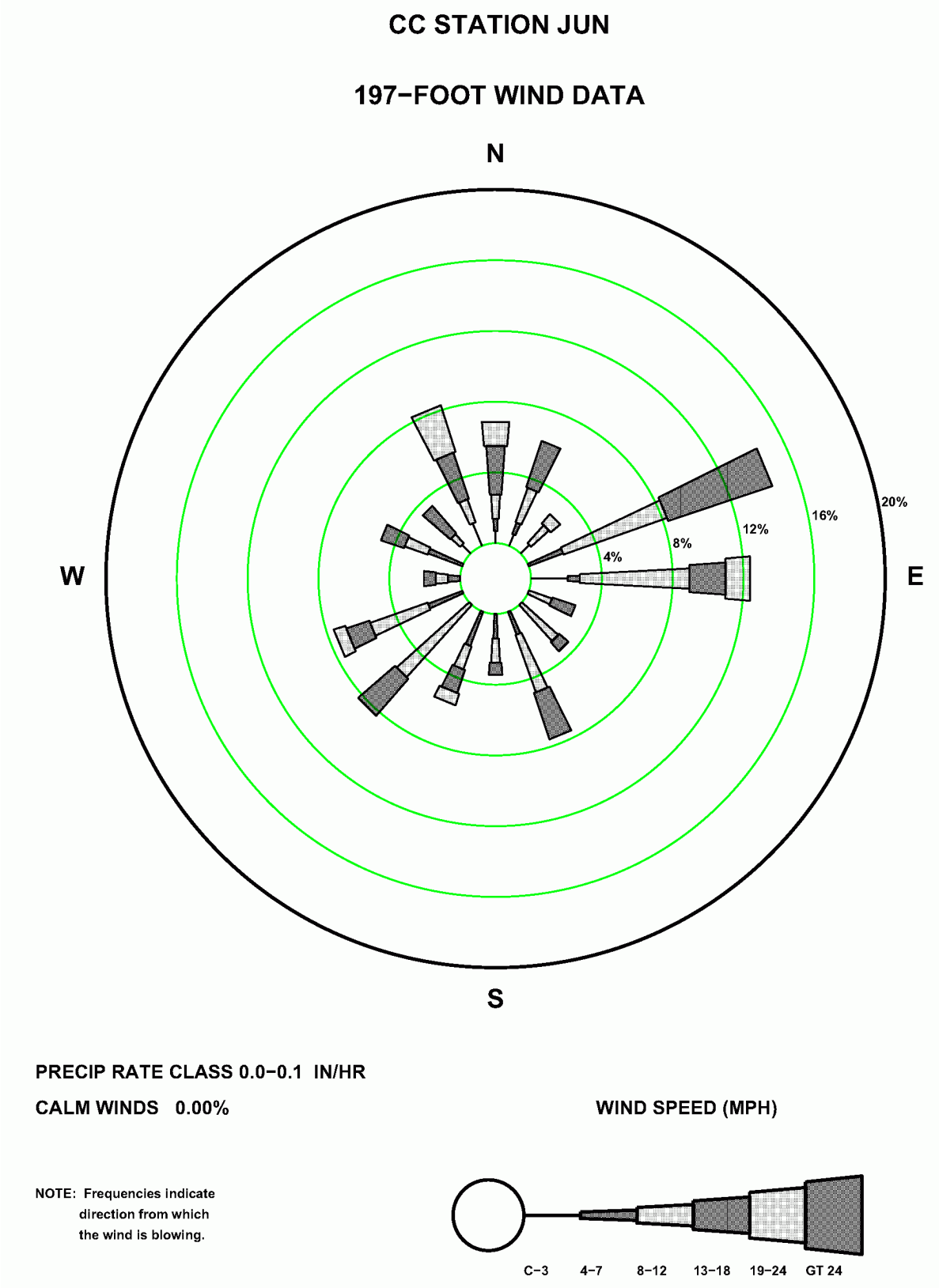

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Figure 2.7-127—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

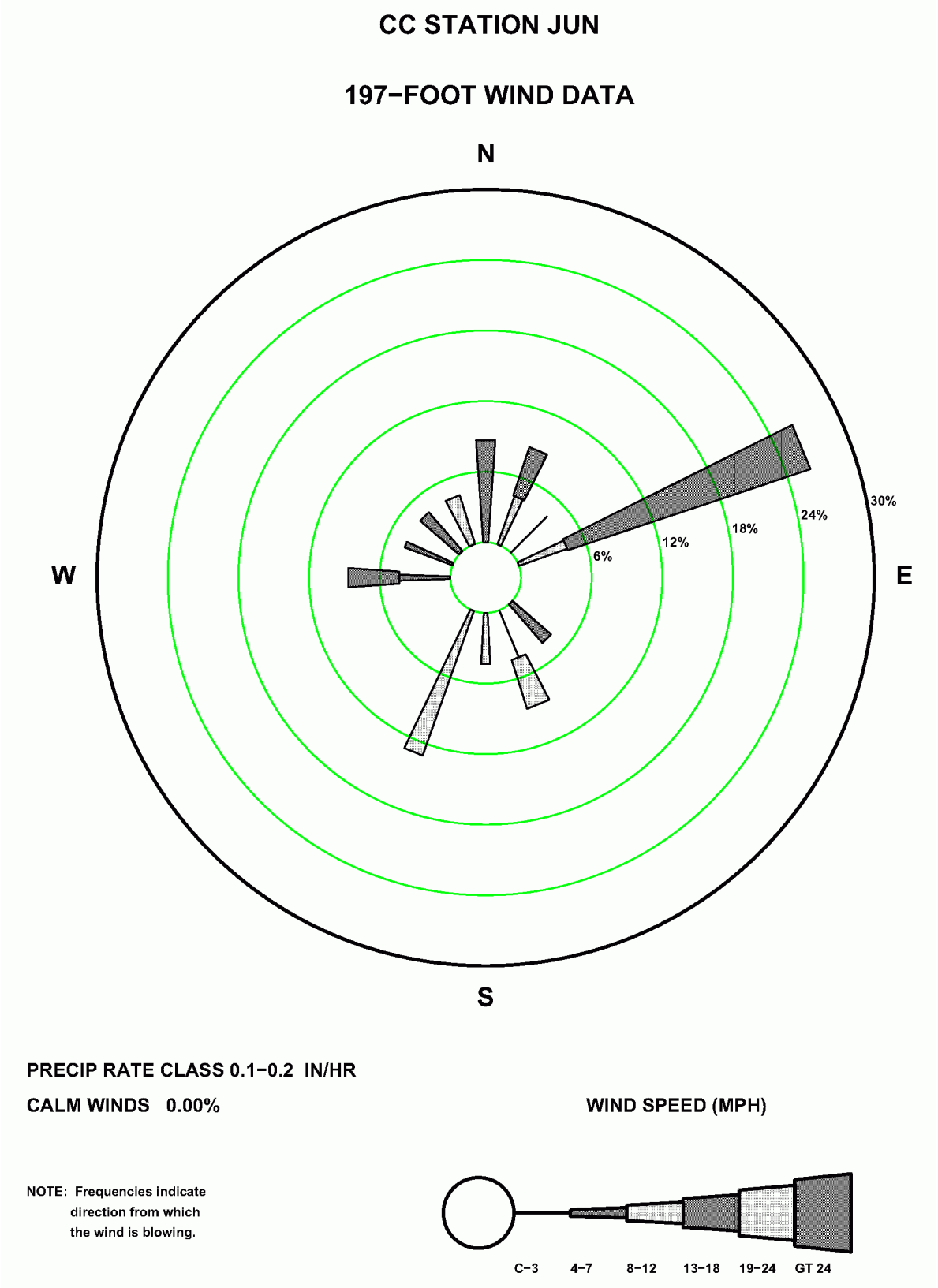

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Figure 2.7-128—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

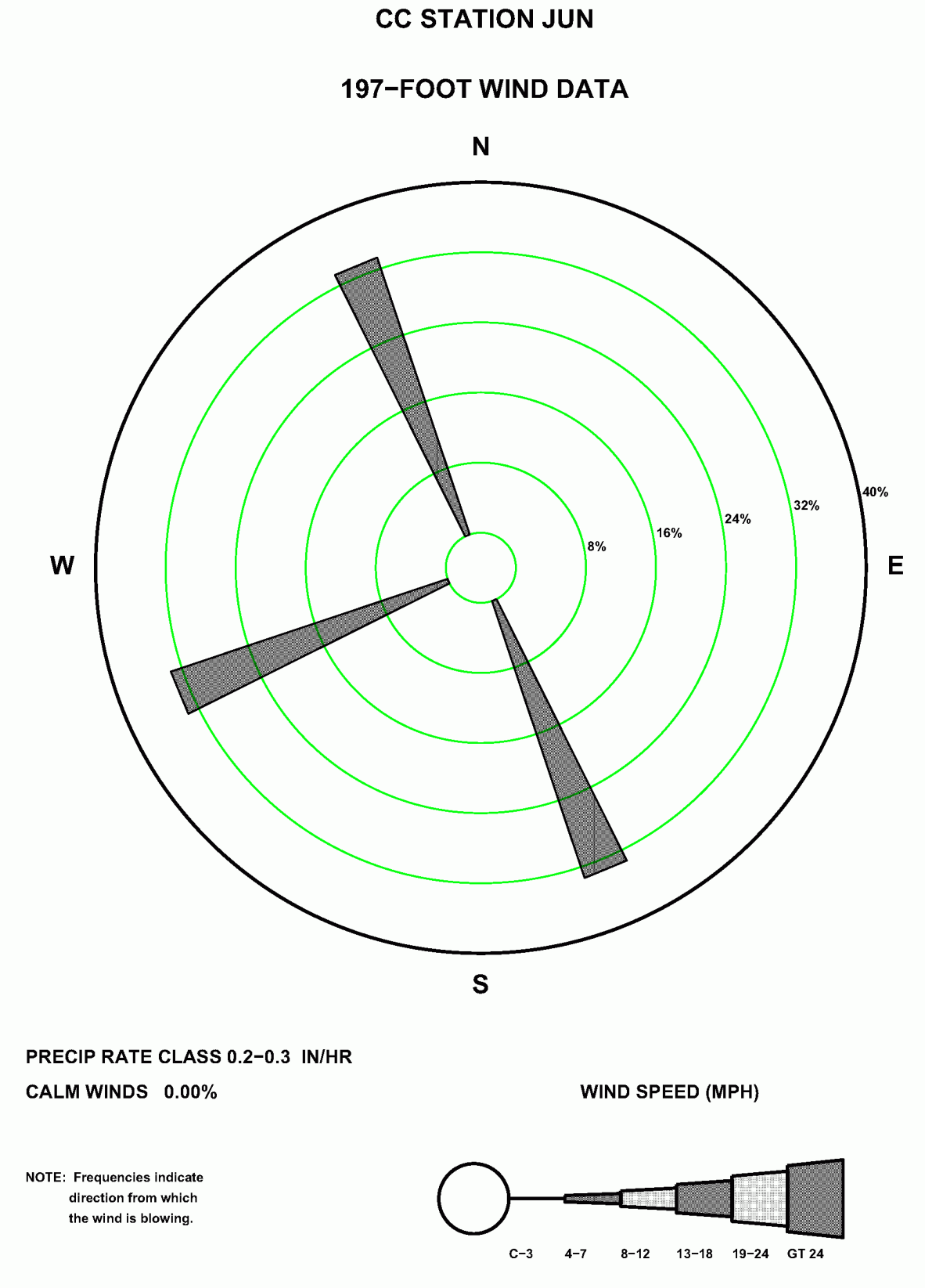

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Figure 2.7-129—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

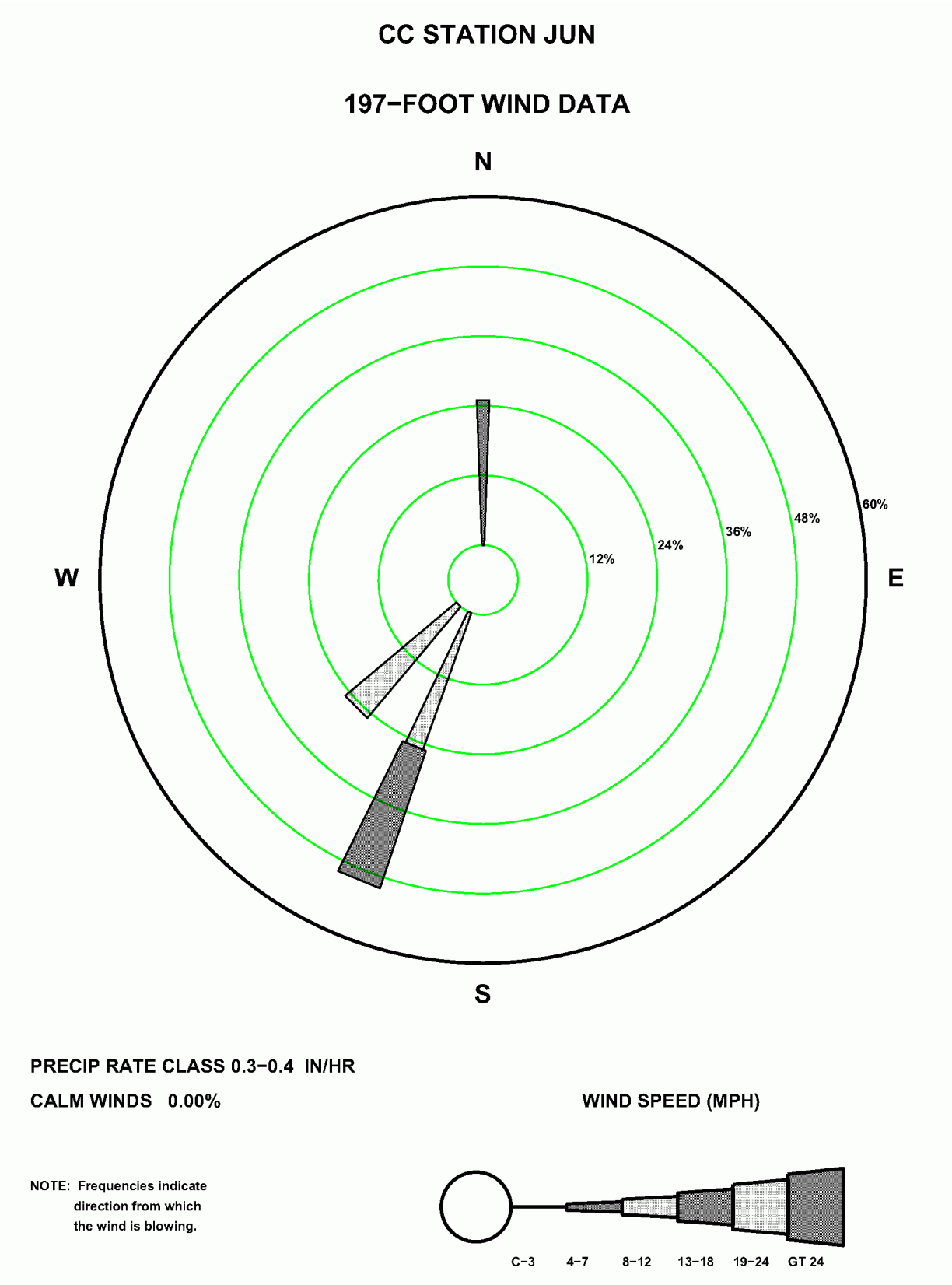

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Figure 2.7-130—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

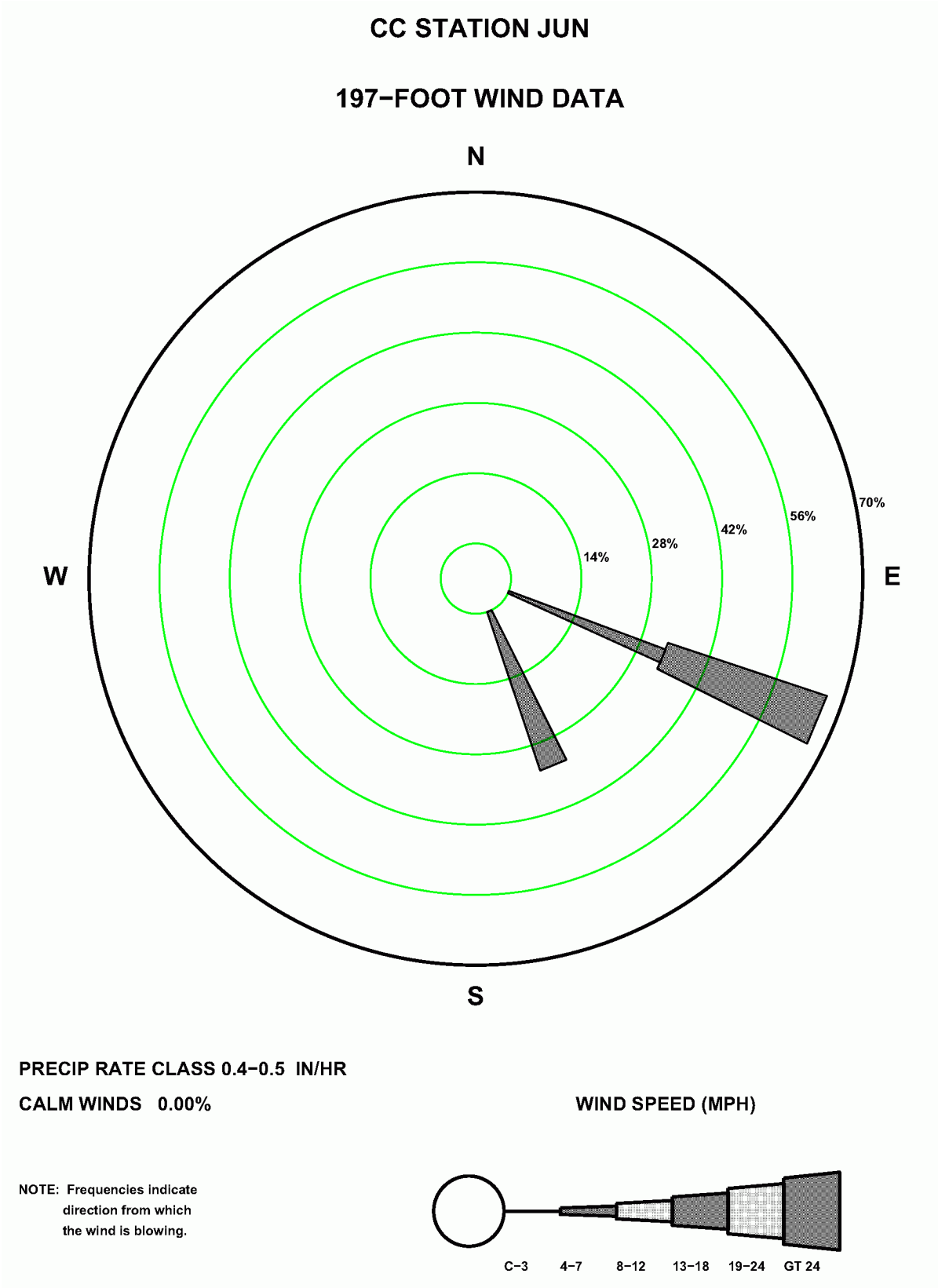

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Figure 2.7-131—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

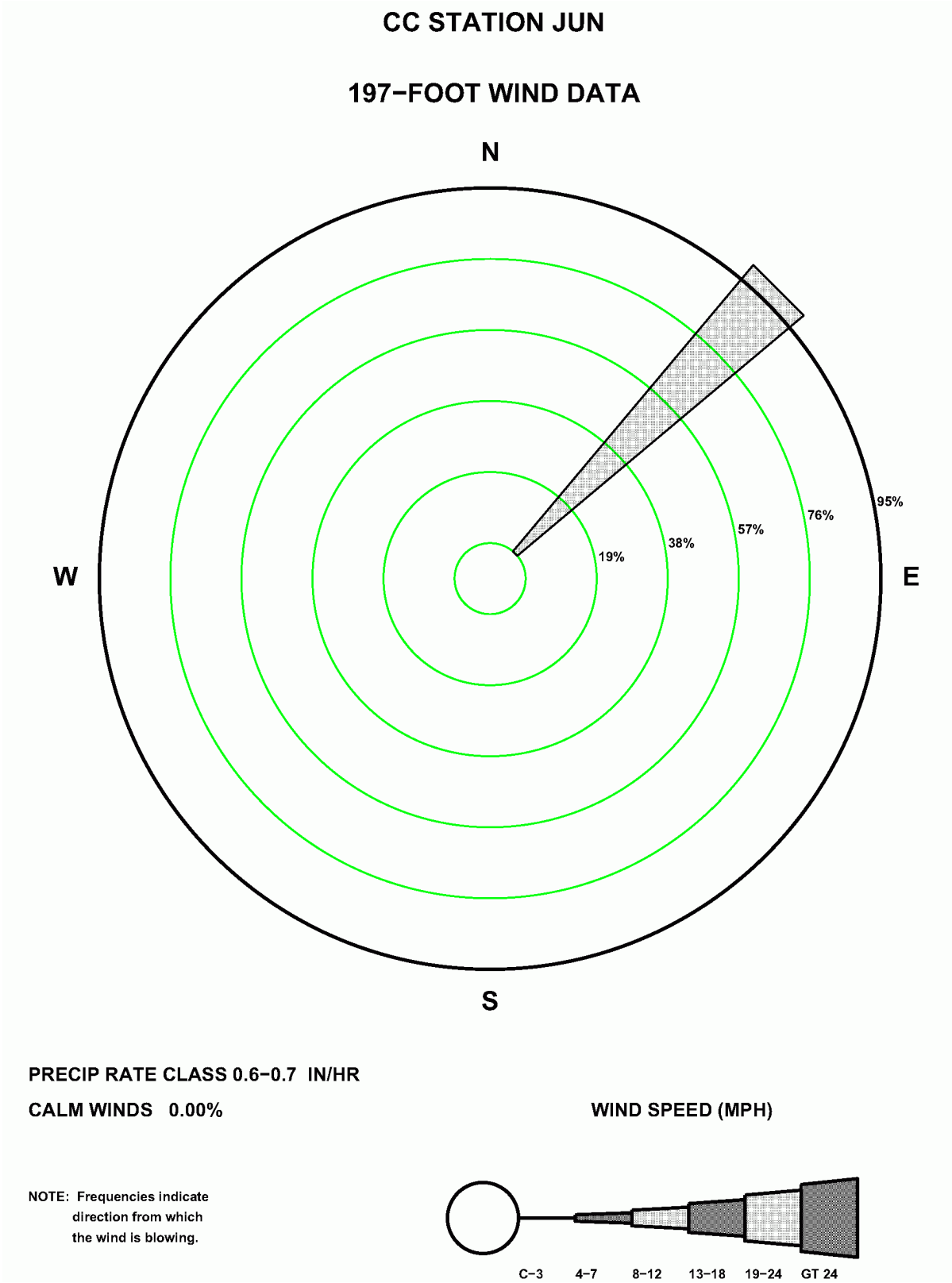

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Figure 2.7-132—CCNPP 197 ft June Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr

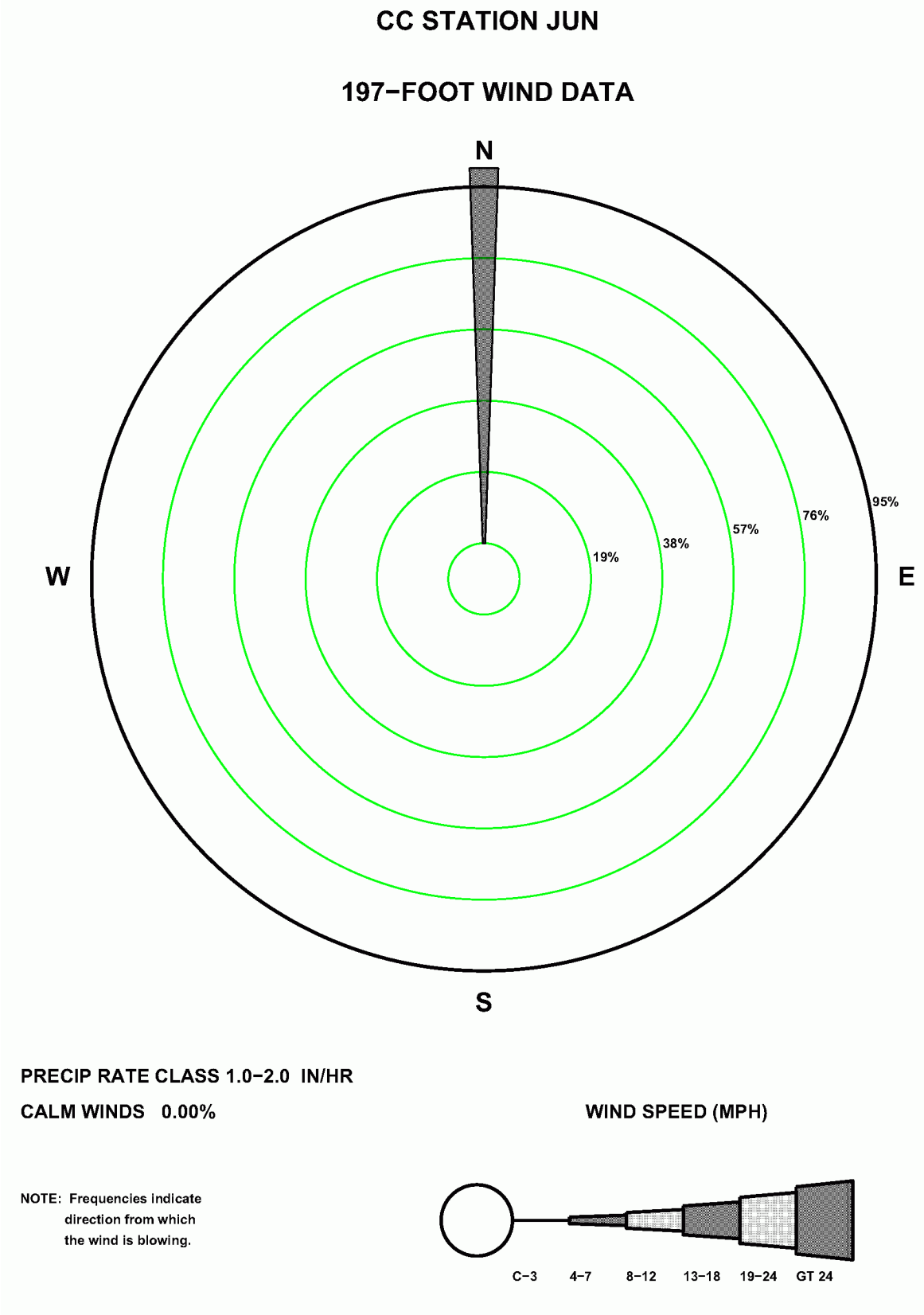

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Figure 2.7-133—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

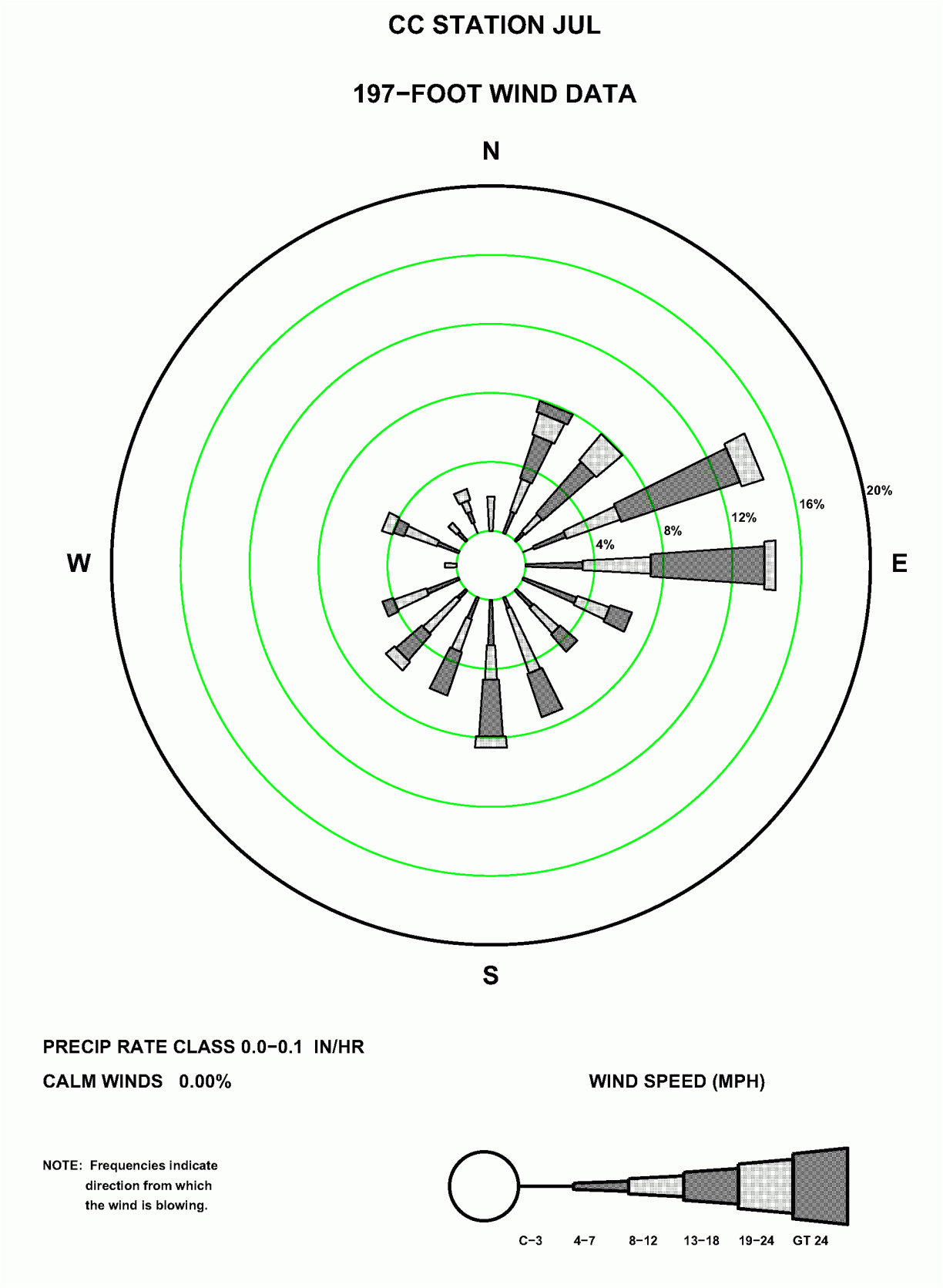

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Figure 2.7-134—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

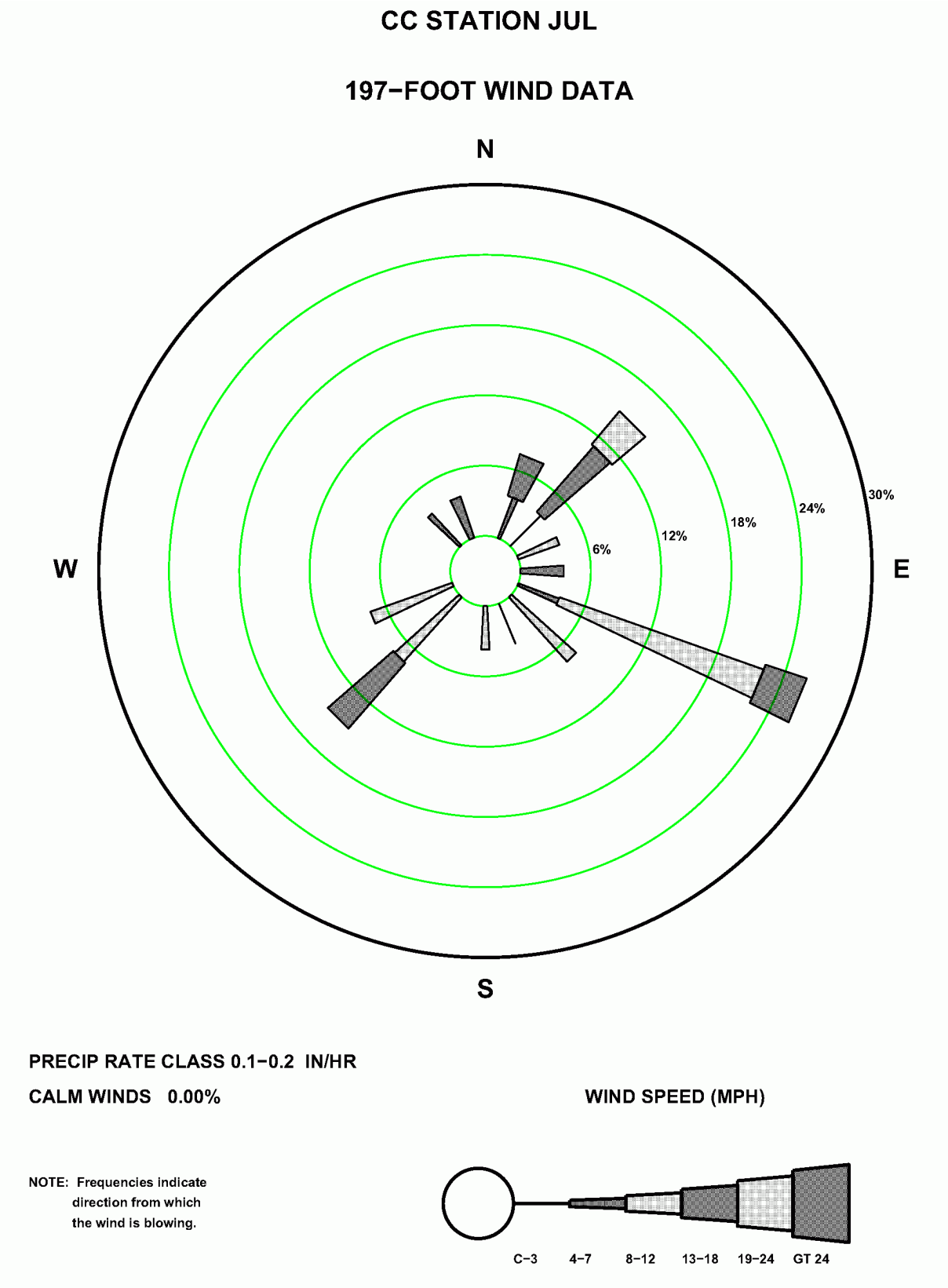

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Figure 2.7-135—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

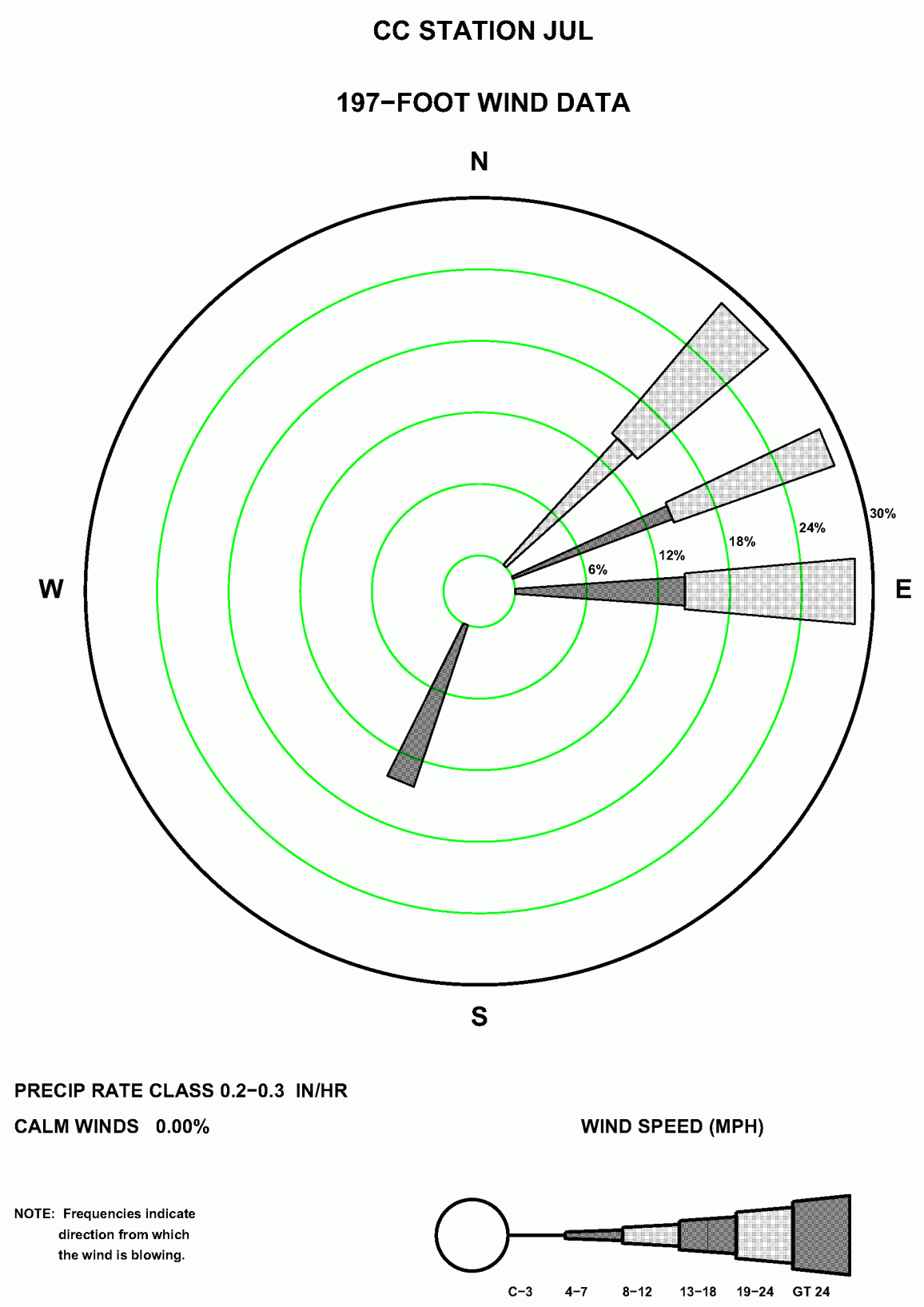

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Figure 2.7-136—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

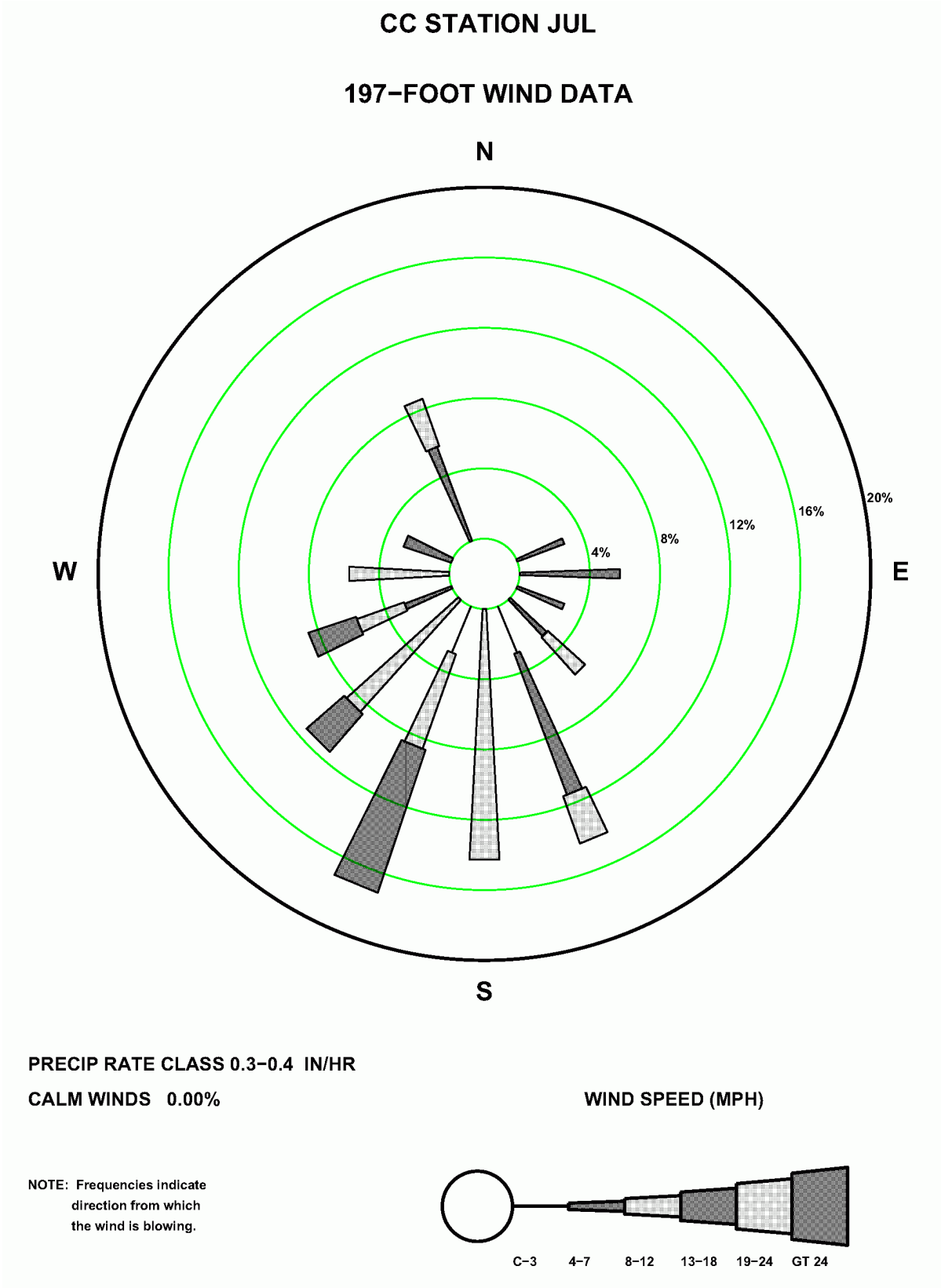

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Figure 2.7-137—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

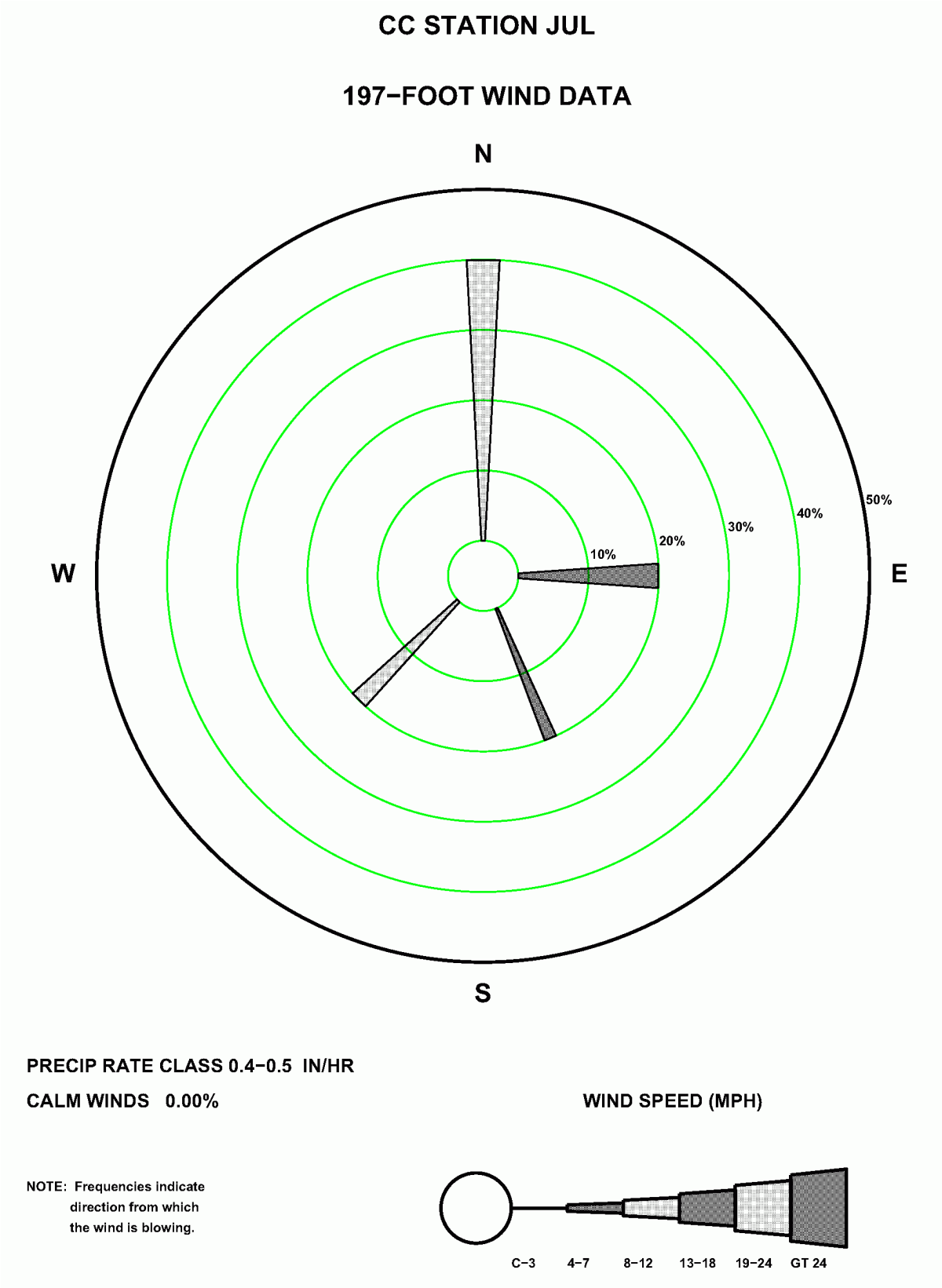

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Figure 2.7-138—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

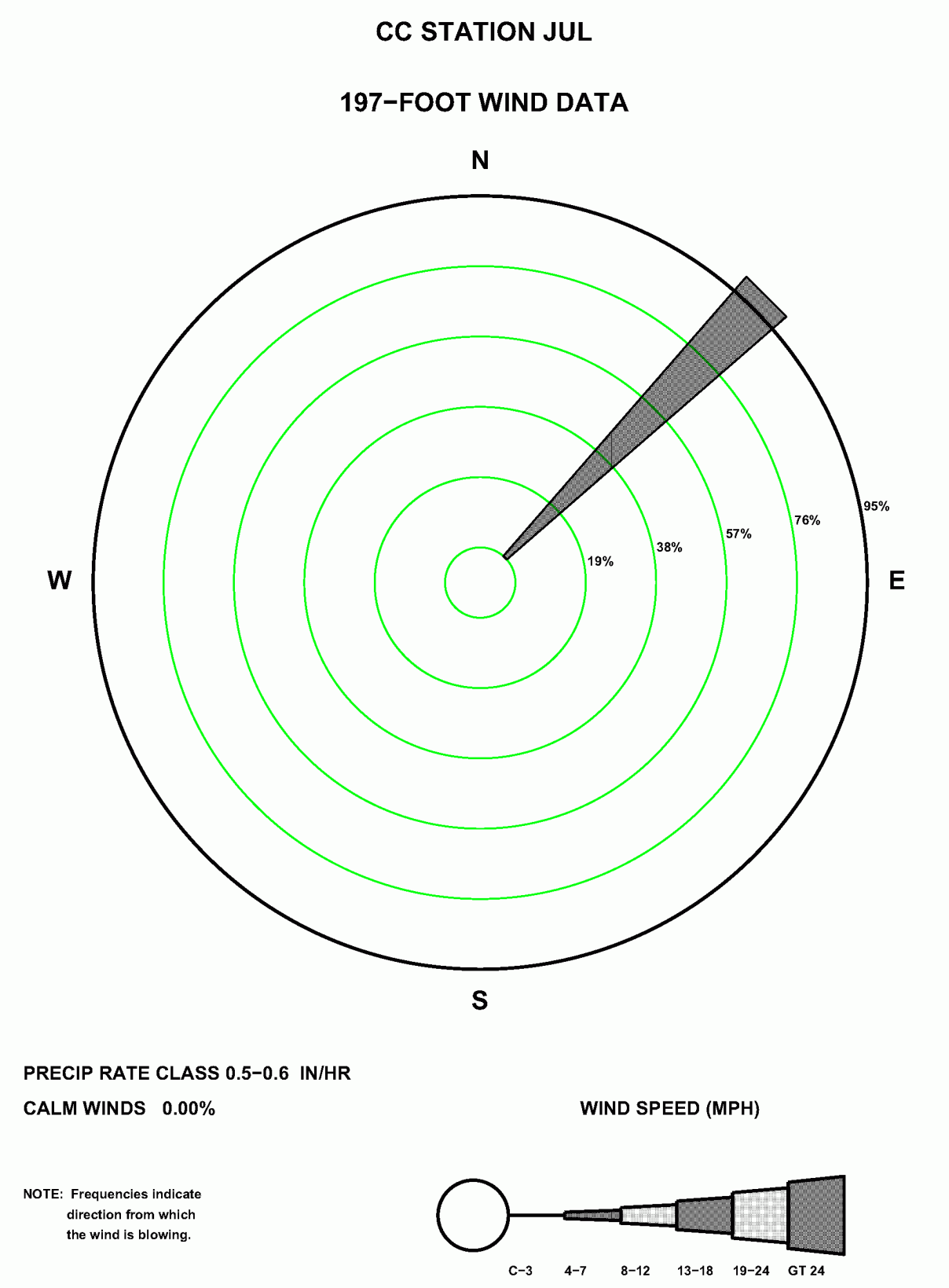

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Figure 2.7-139—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

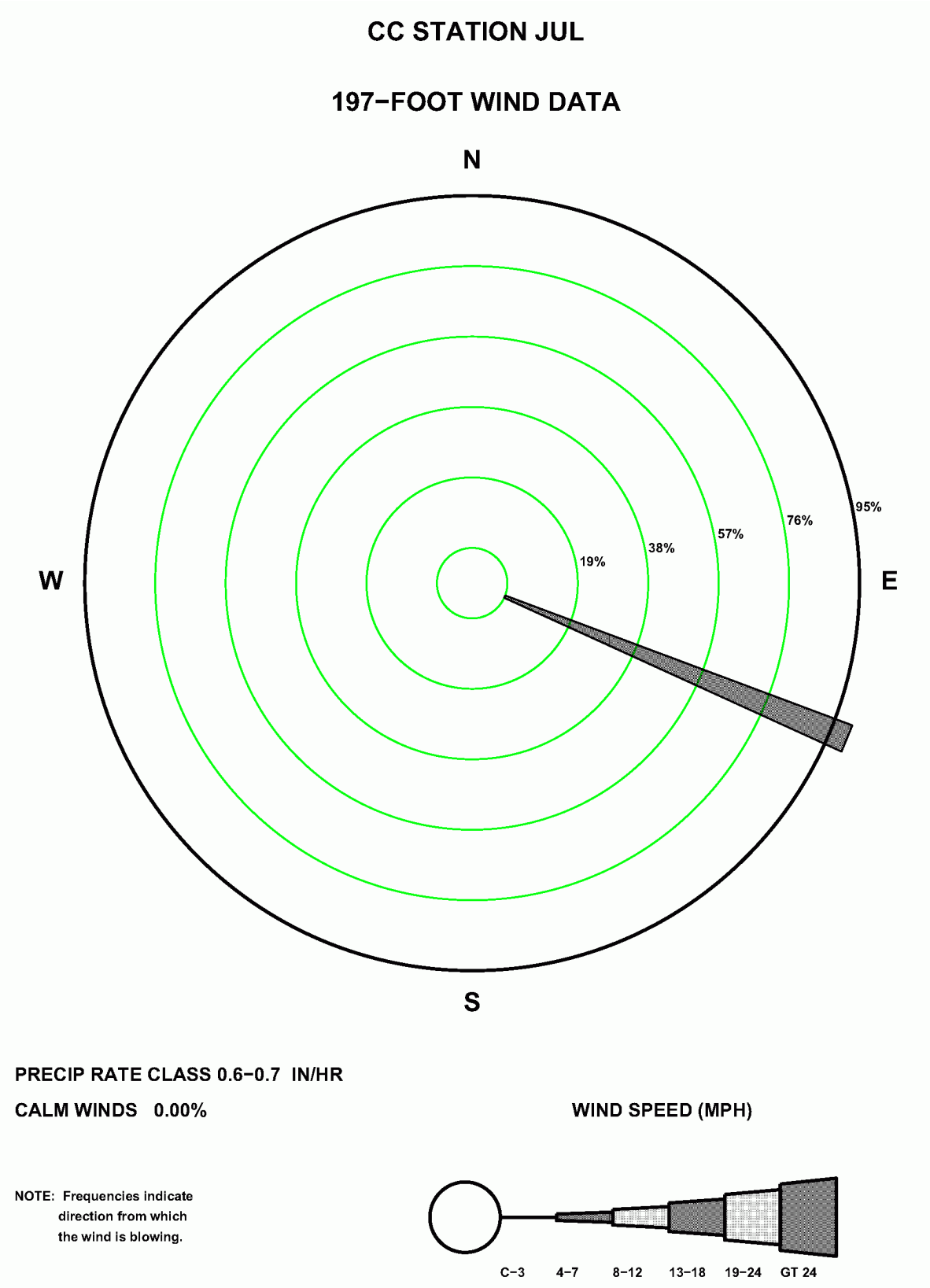

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Figure 2.7-140—CCNPP 197 ft July Precipitation Wind Rose for Rate Class 0.8-0.9 in/hr

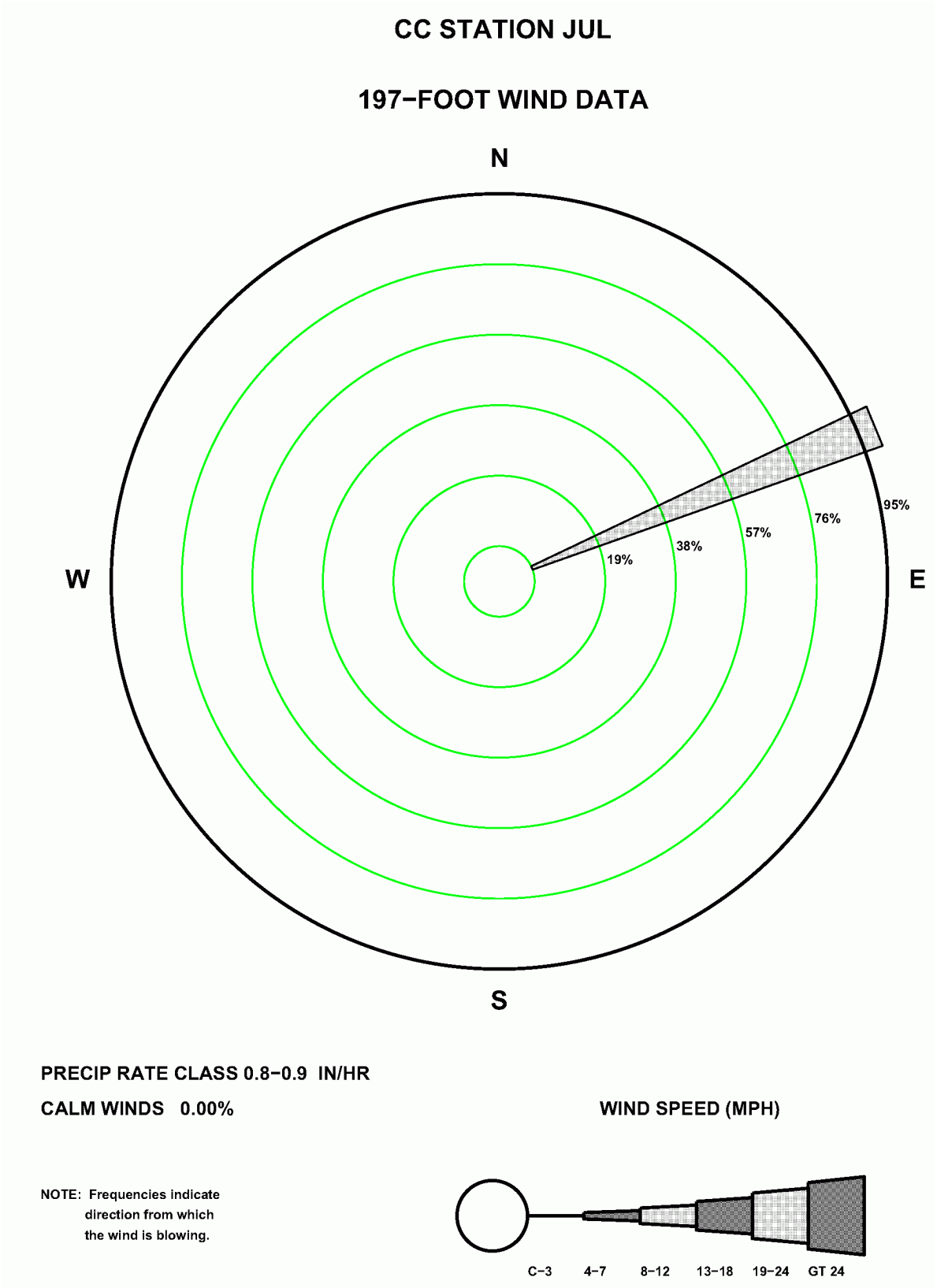

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Figure 2.7-141—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

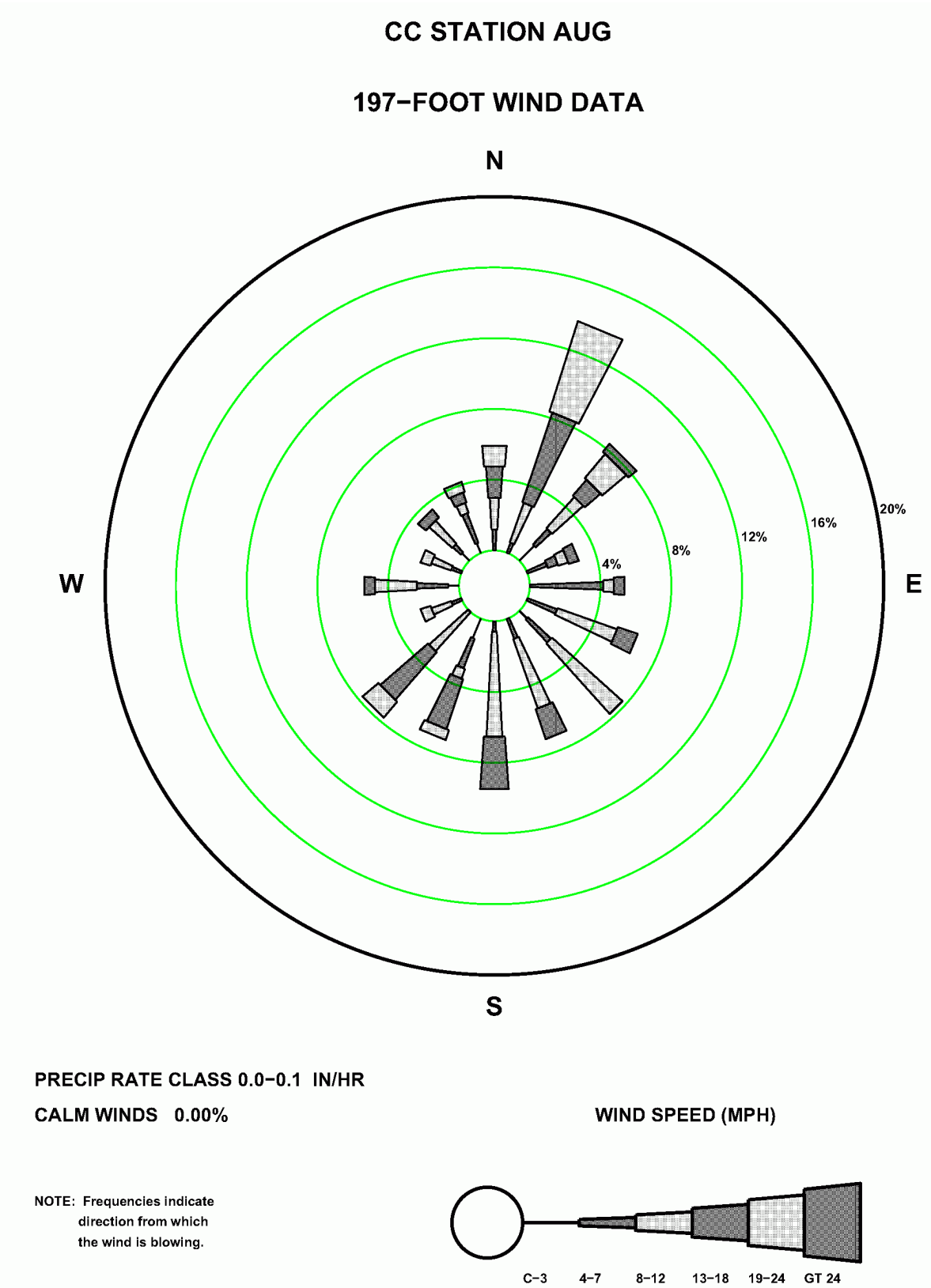

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Figure 2.7-142—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

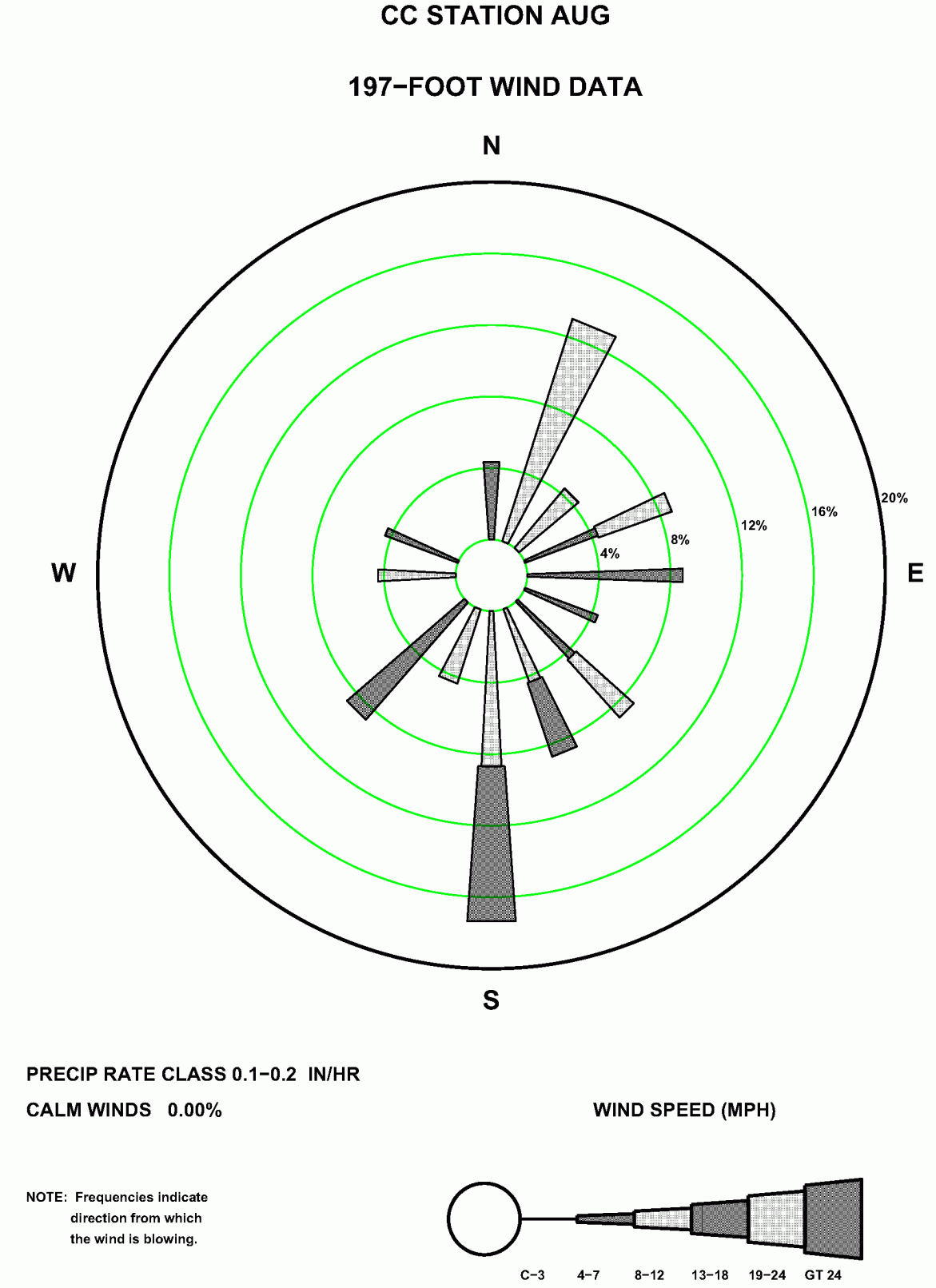

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Figure 2.7-143—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

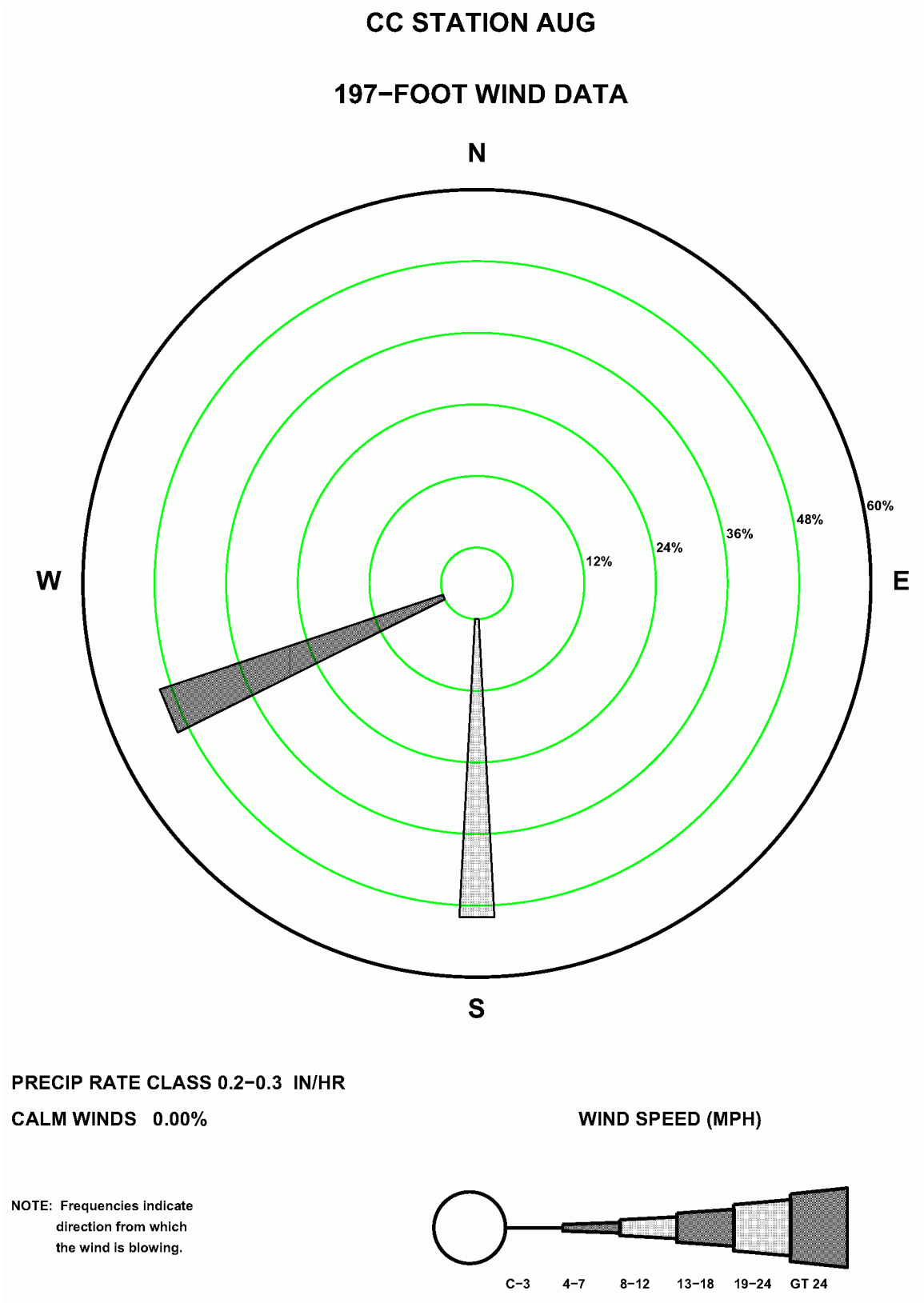

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Figure 2.7-144—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

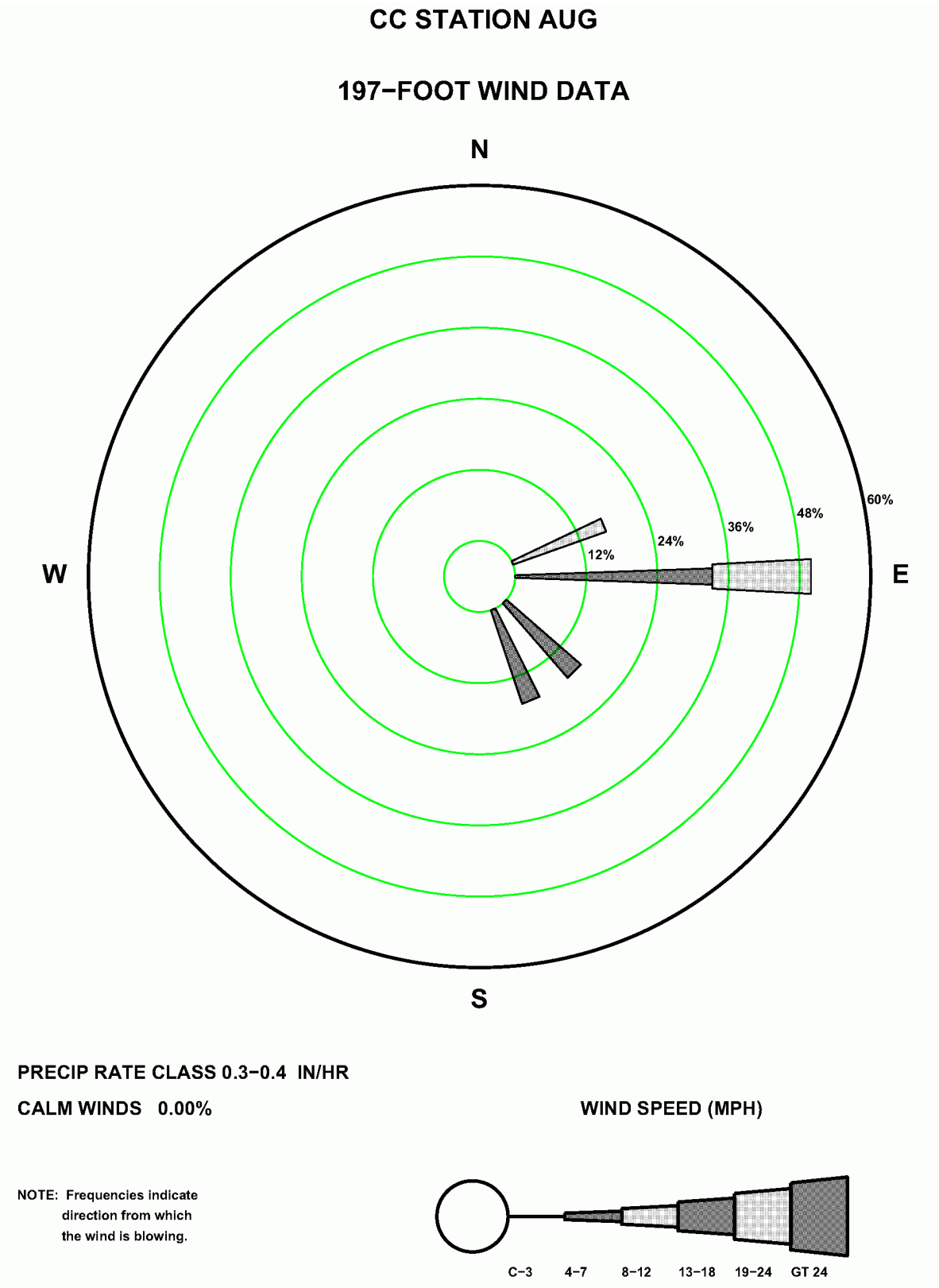

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Figure 2.7-145—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

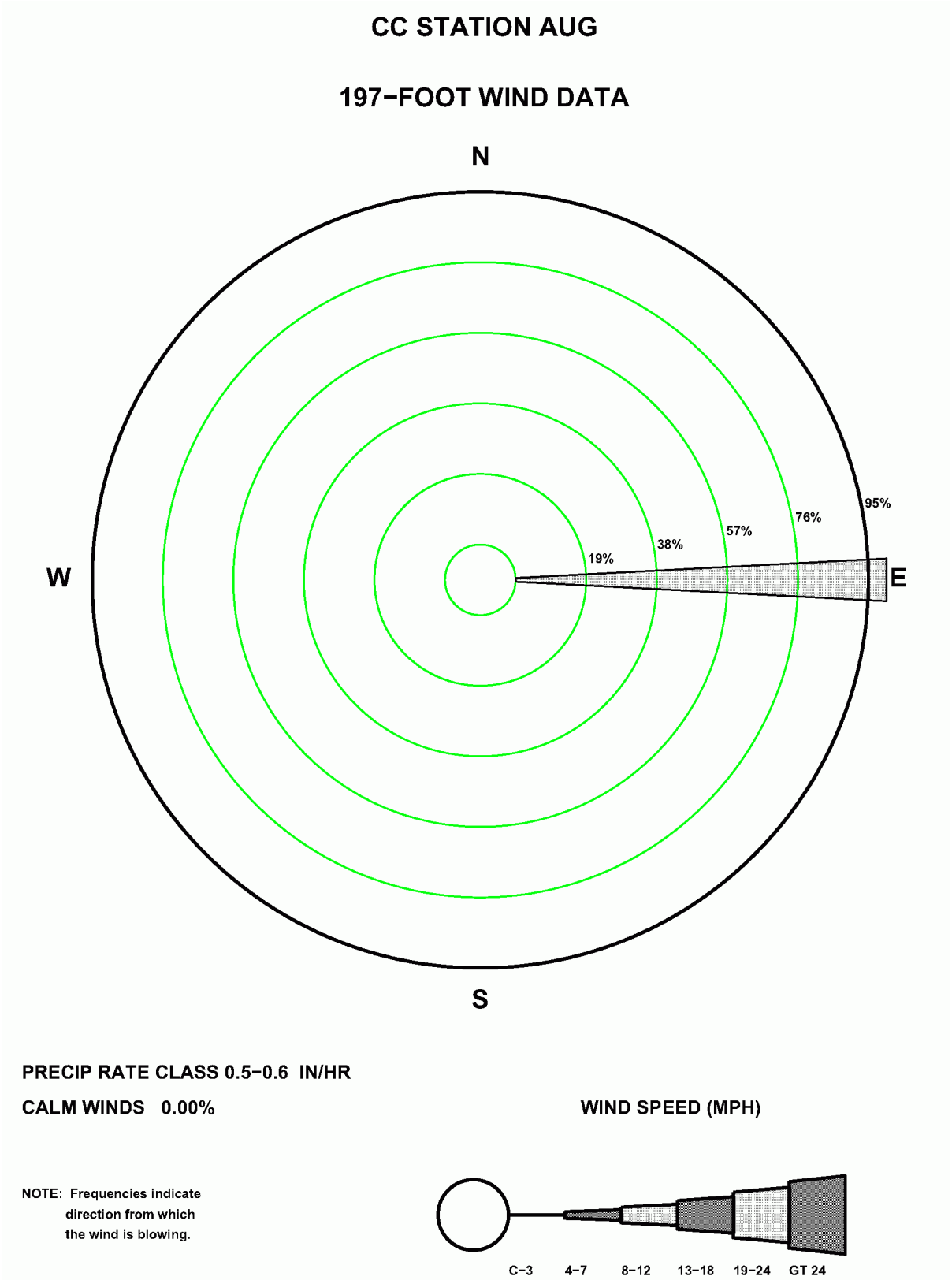

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Figure 2.7-146—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

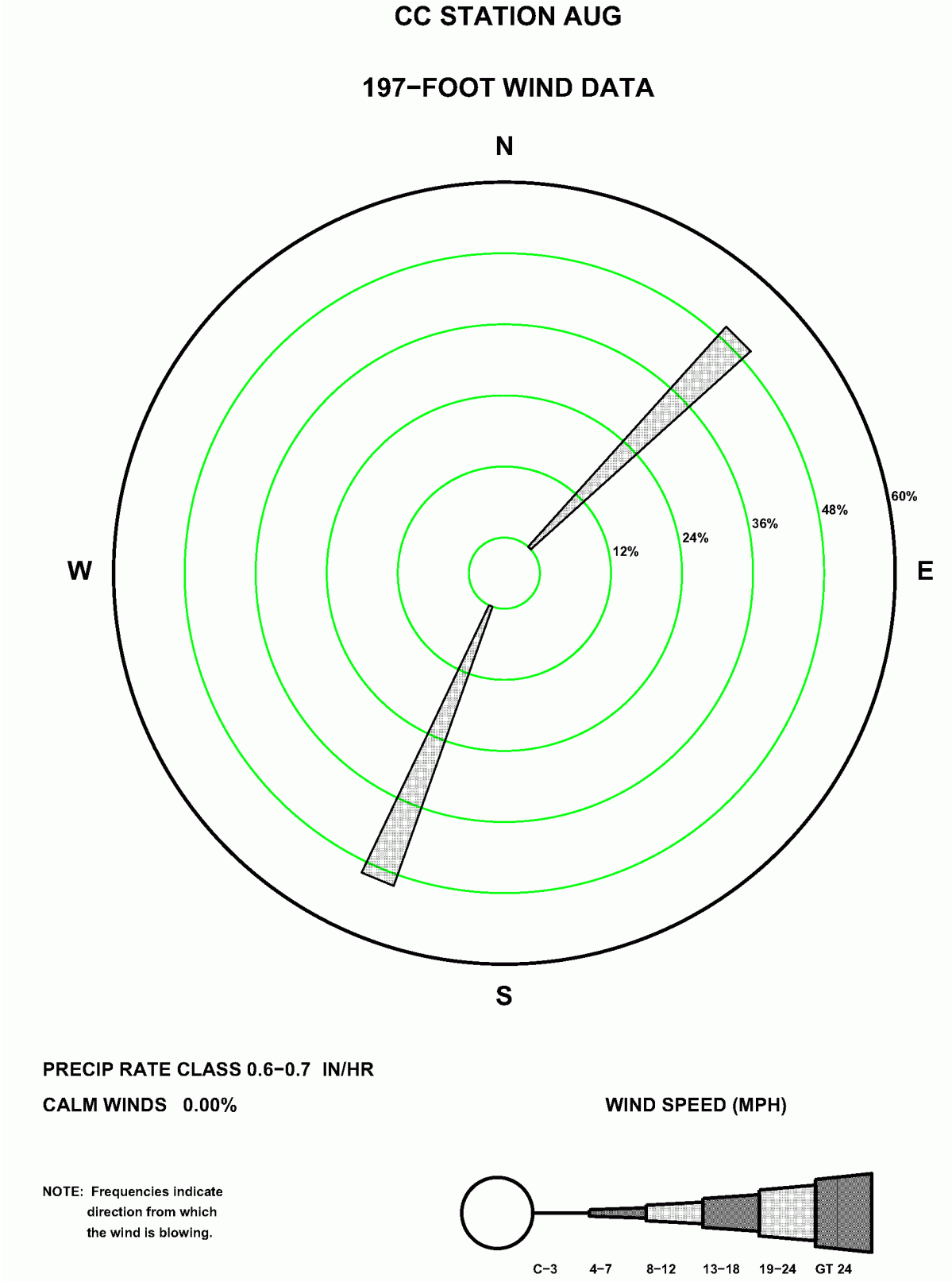

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Figure 2.7-147—CCNPP 197 ft August Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr

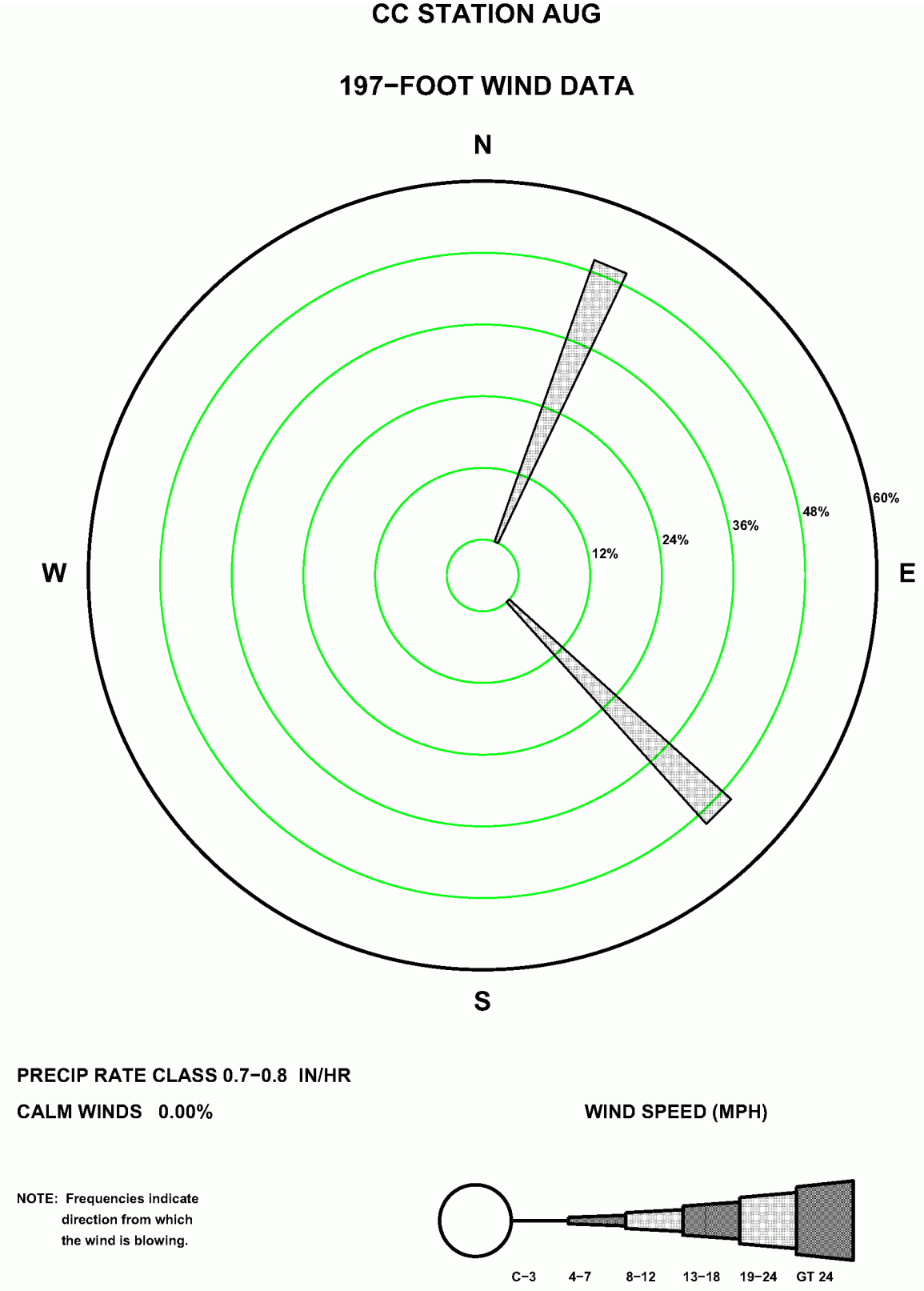

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Figure 2.7-148—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

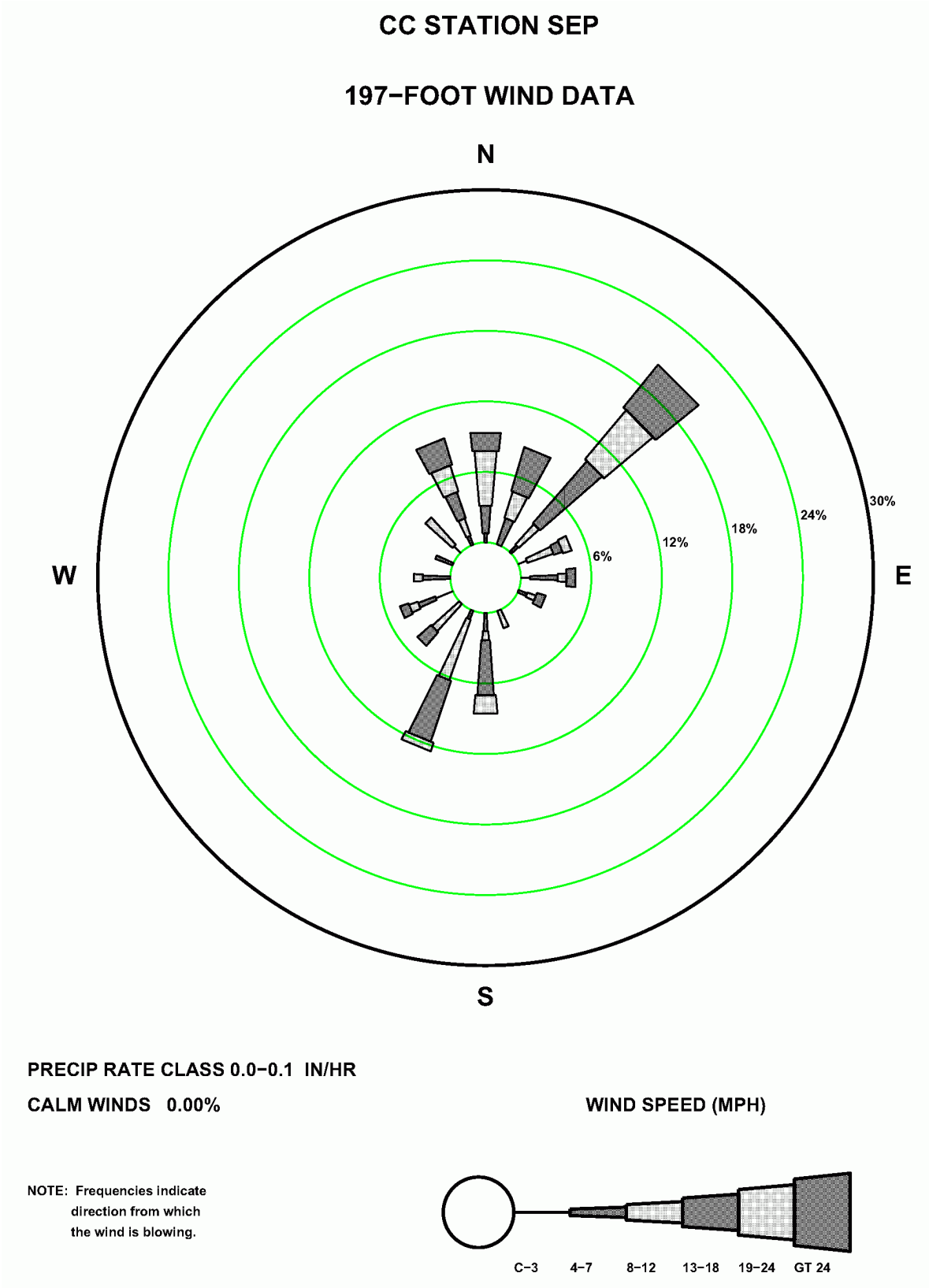

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Figure 2.7-149—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

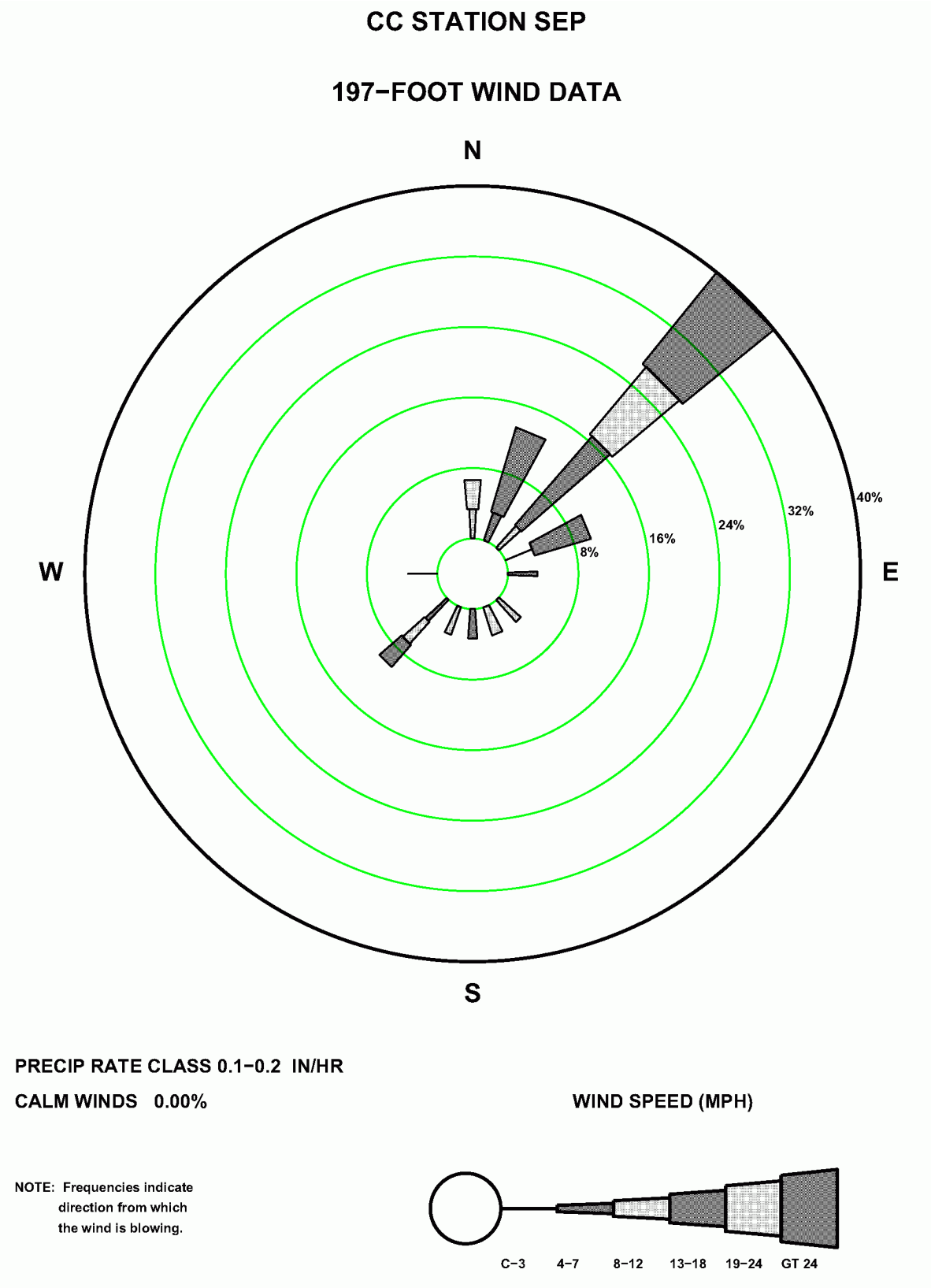

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Figure 2.7-150—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

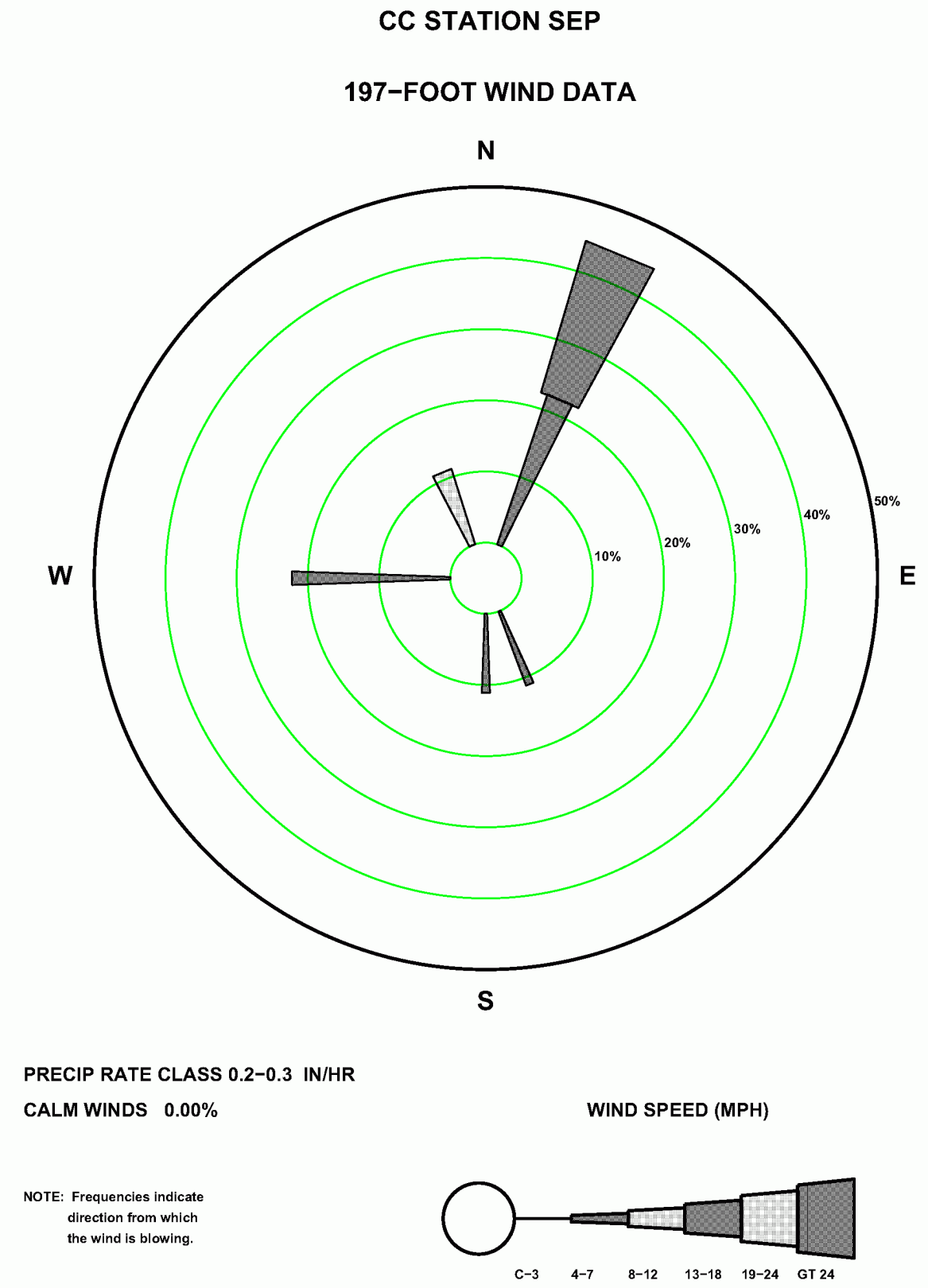

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Figure 2.7-151—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

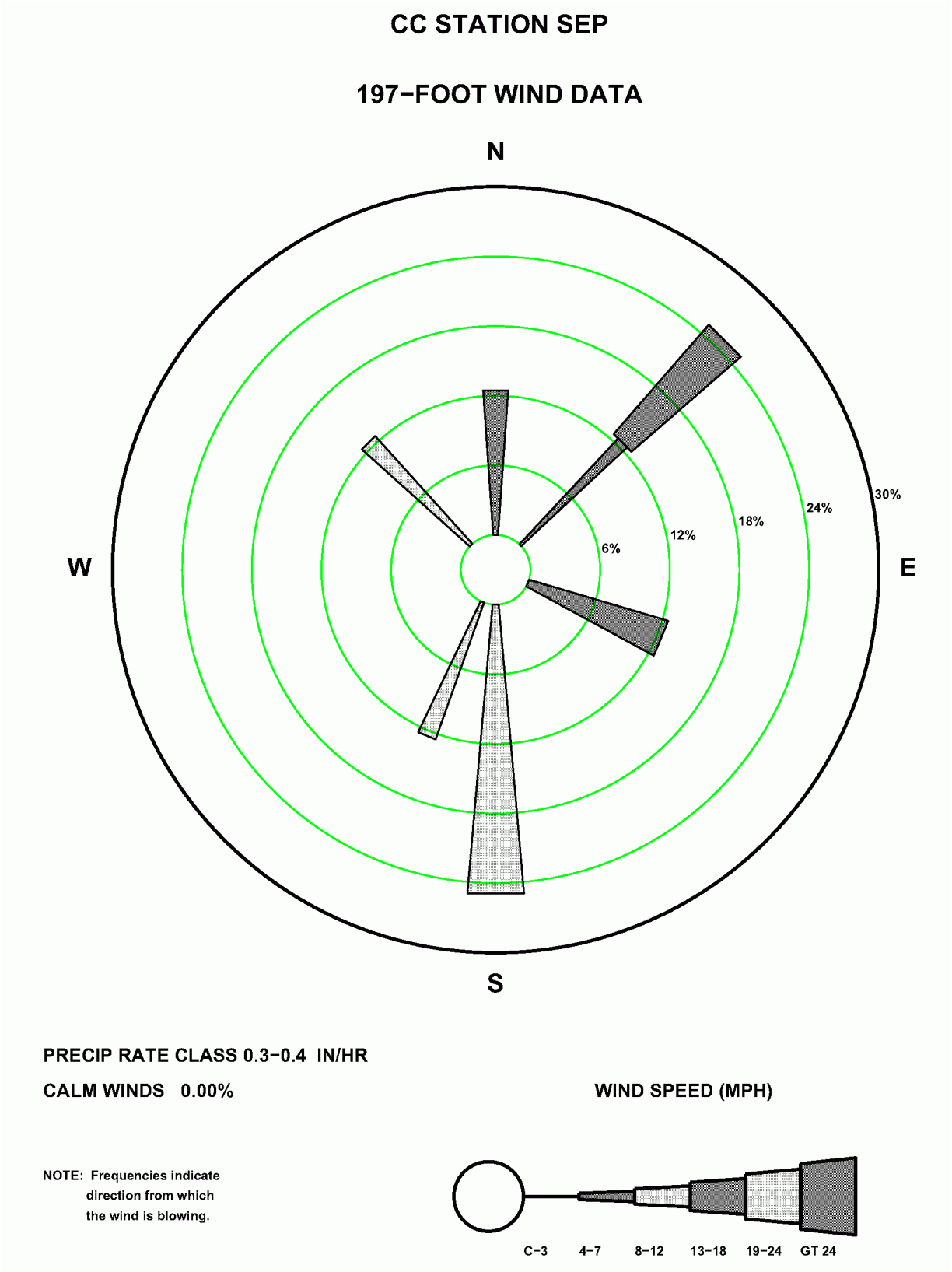

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Figure 2.7-152—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

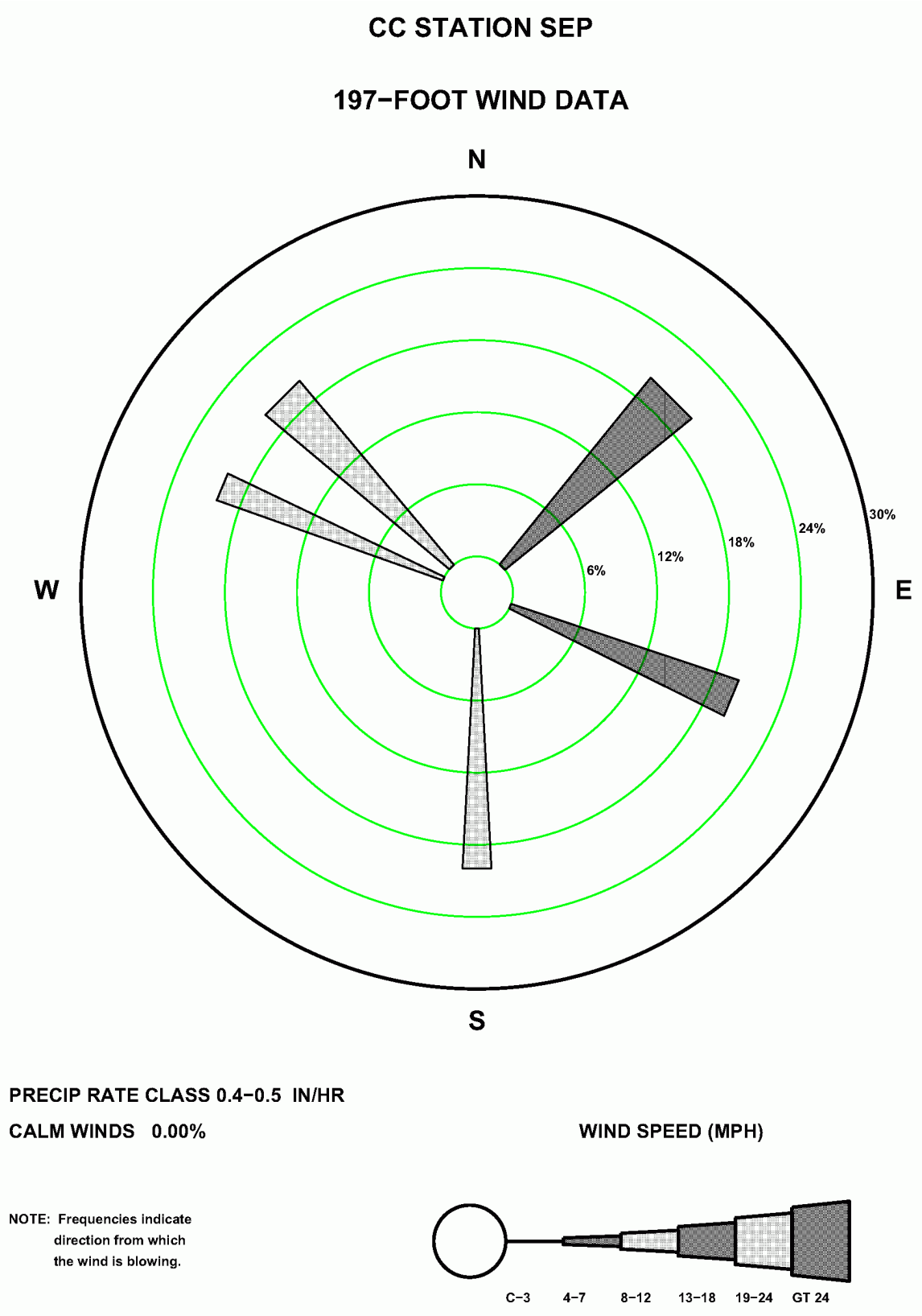

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Figure 2.7-153—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

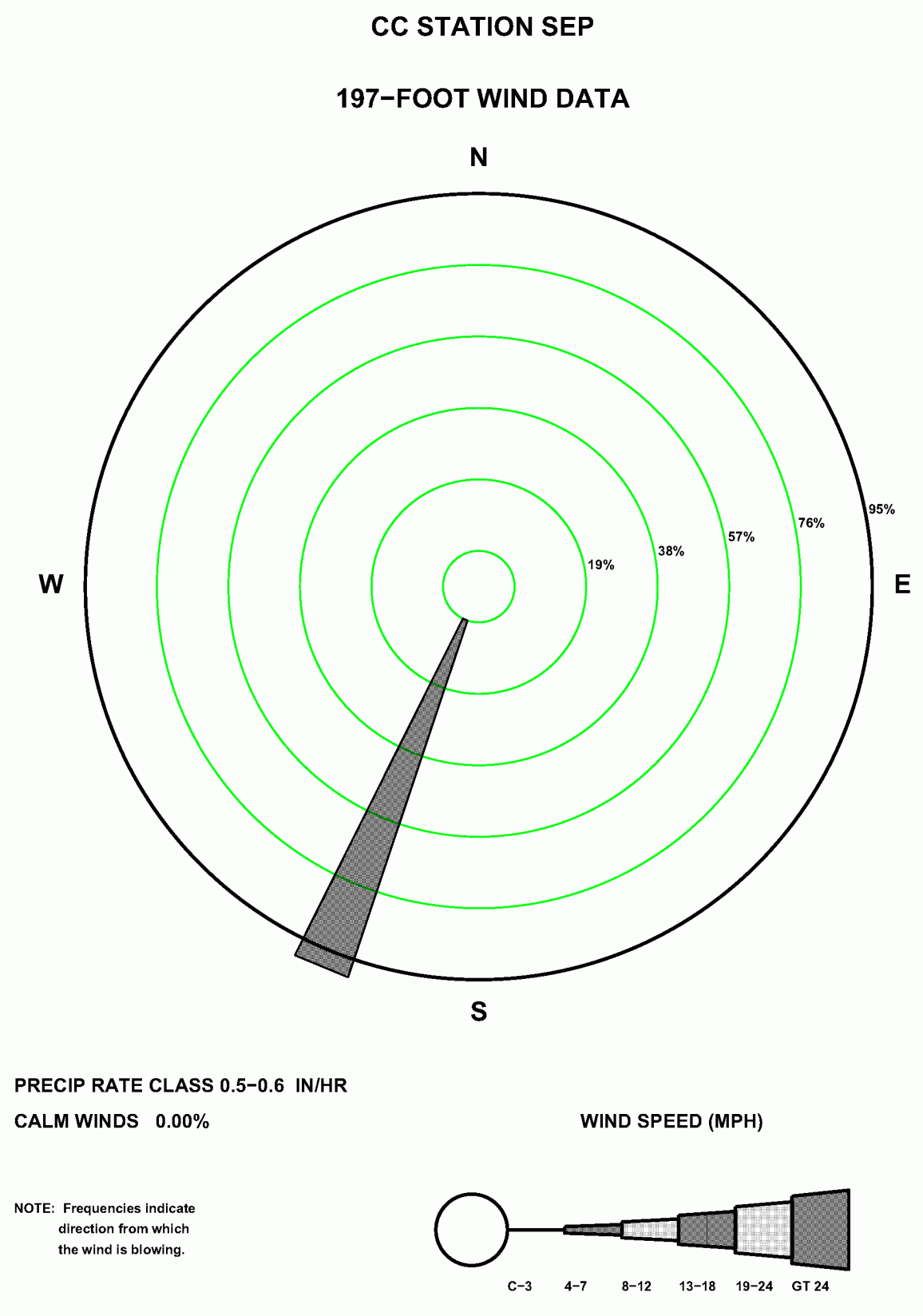

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Figure 2.7-154—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

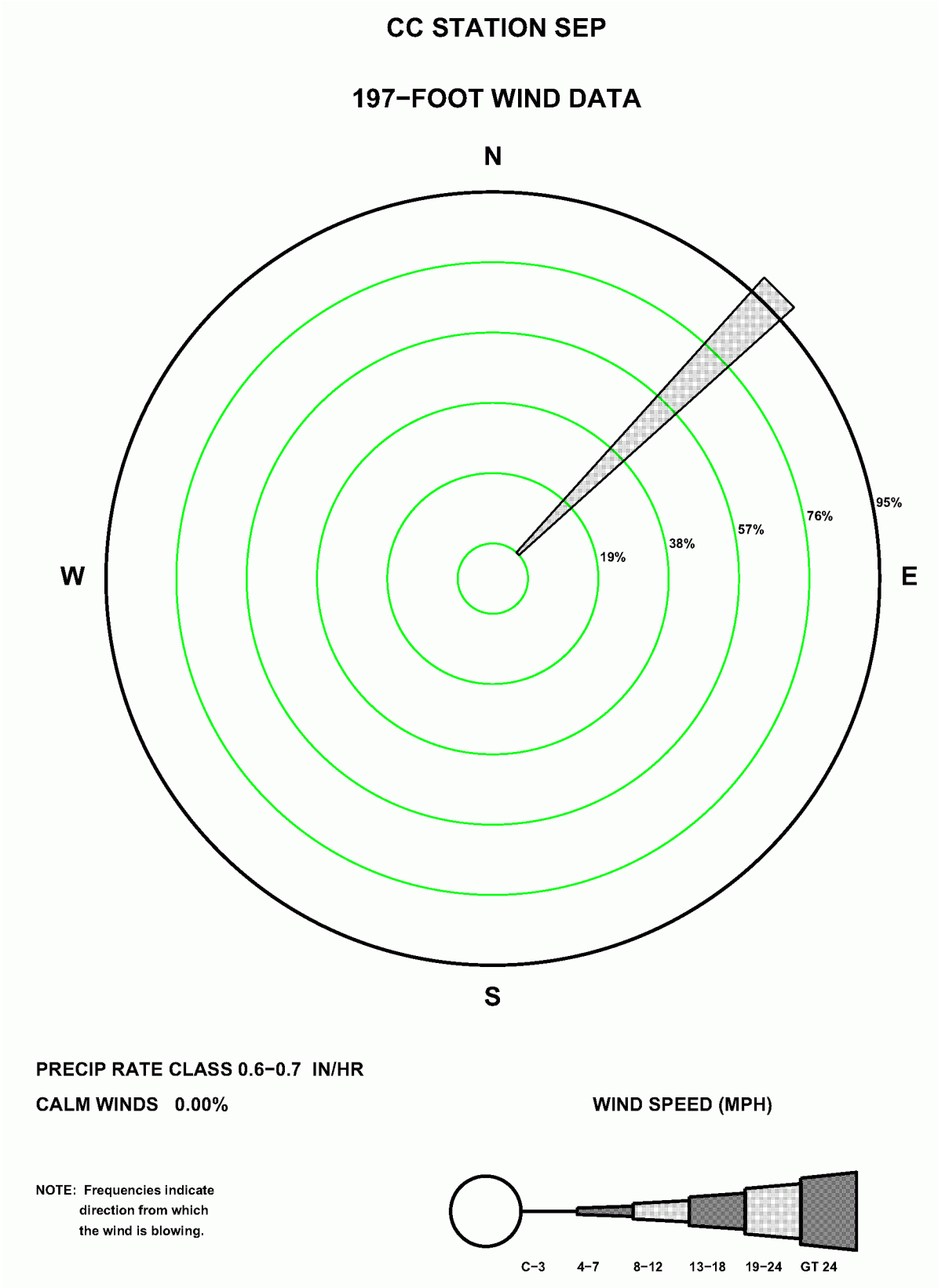

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Figure 2.7-155—CCNPP 197 ft September Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr

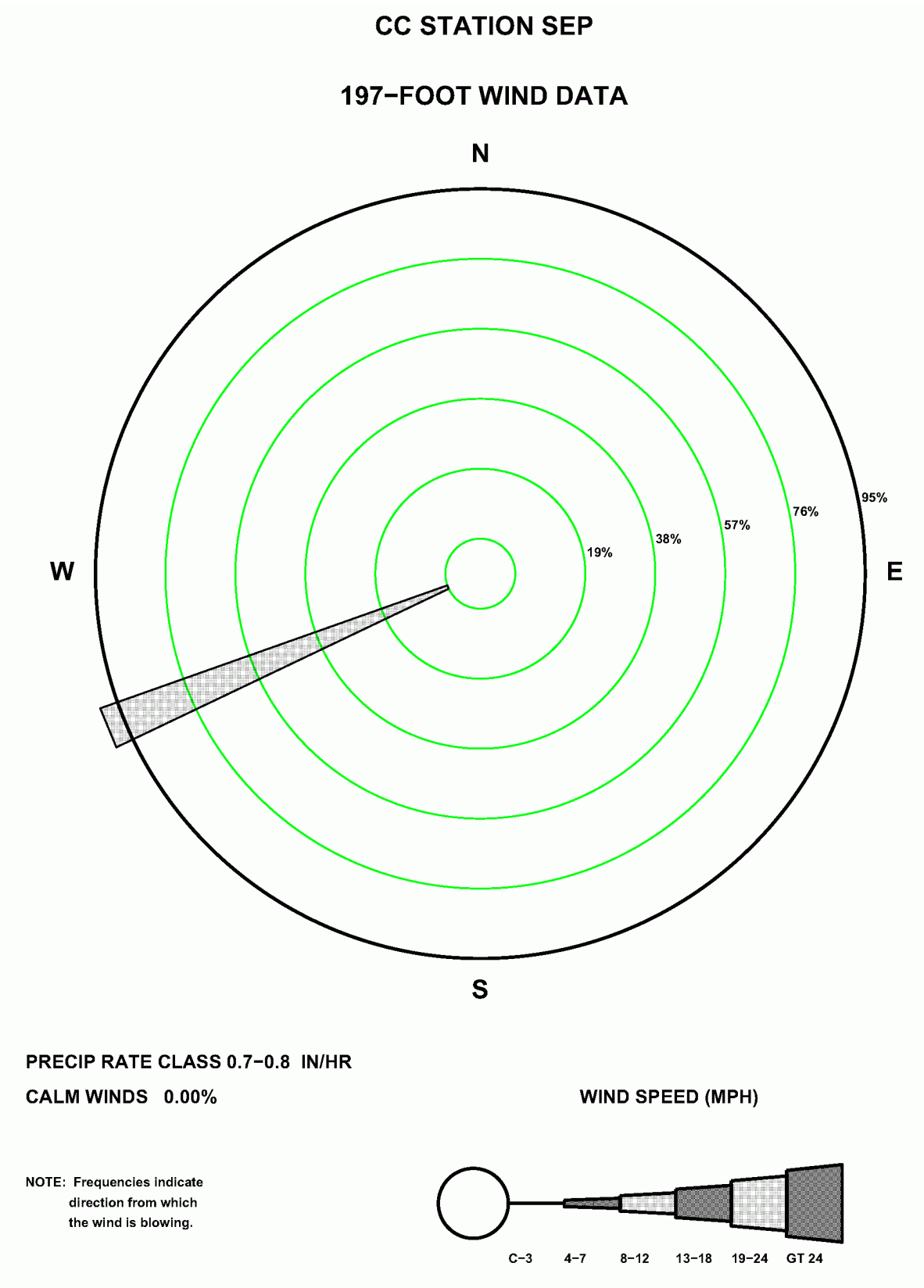

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Figure 2.7-156—CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

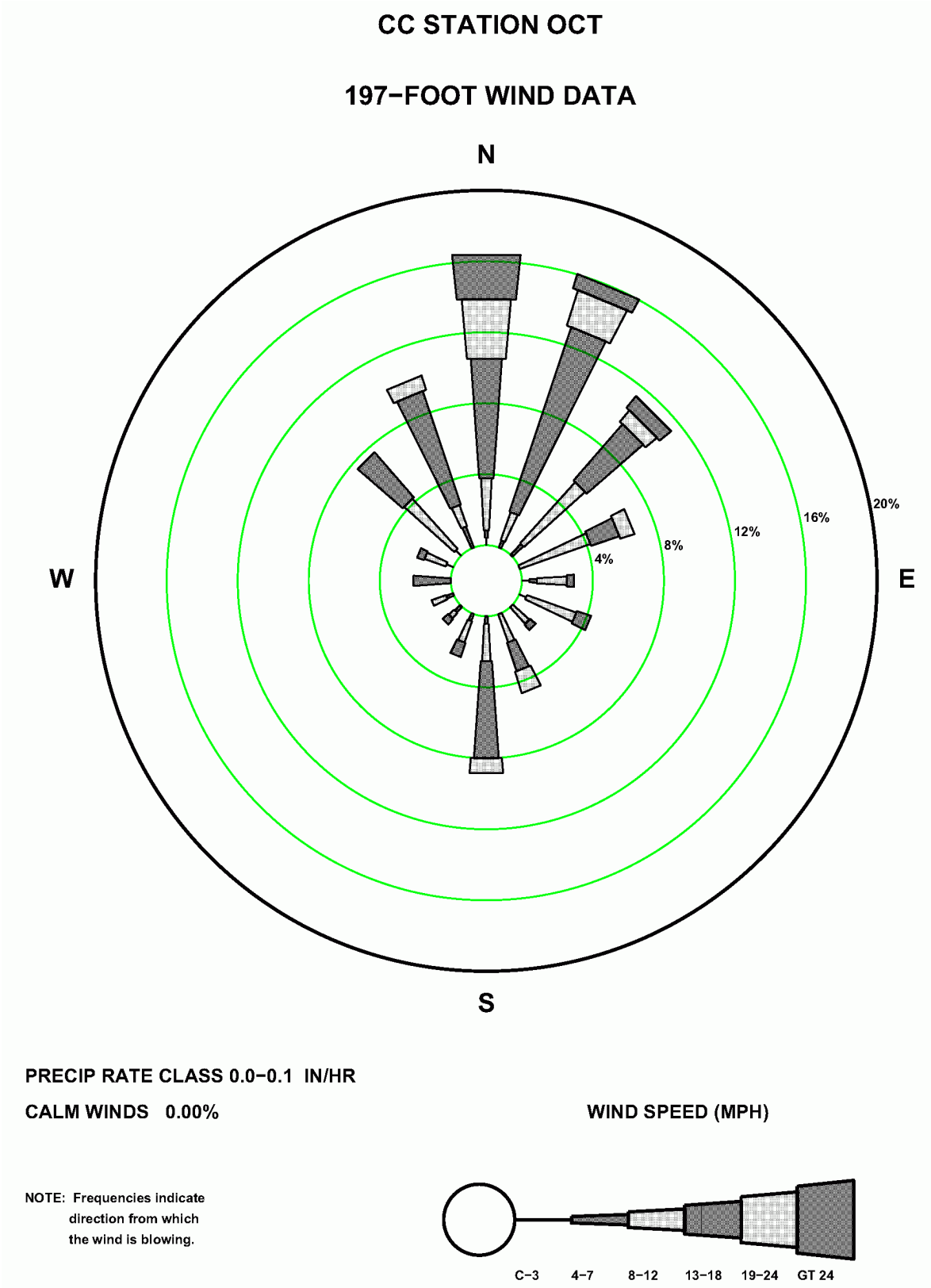

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Figure 2.7-157—CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

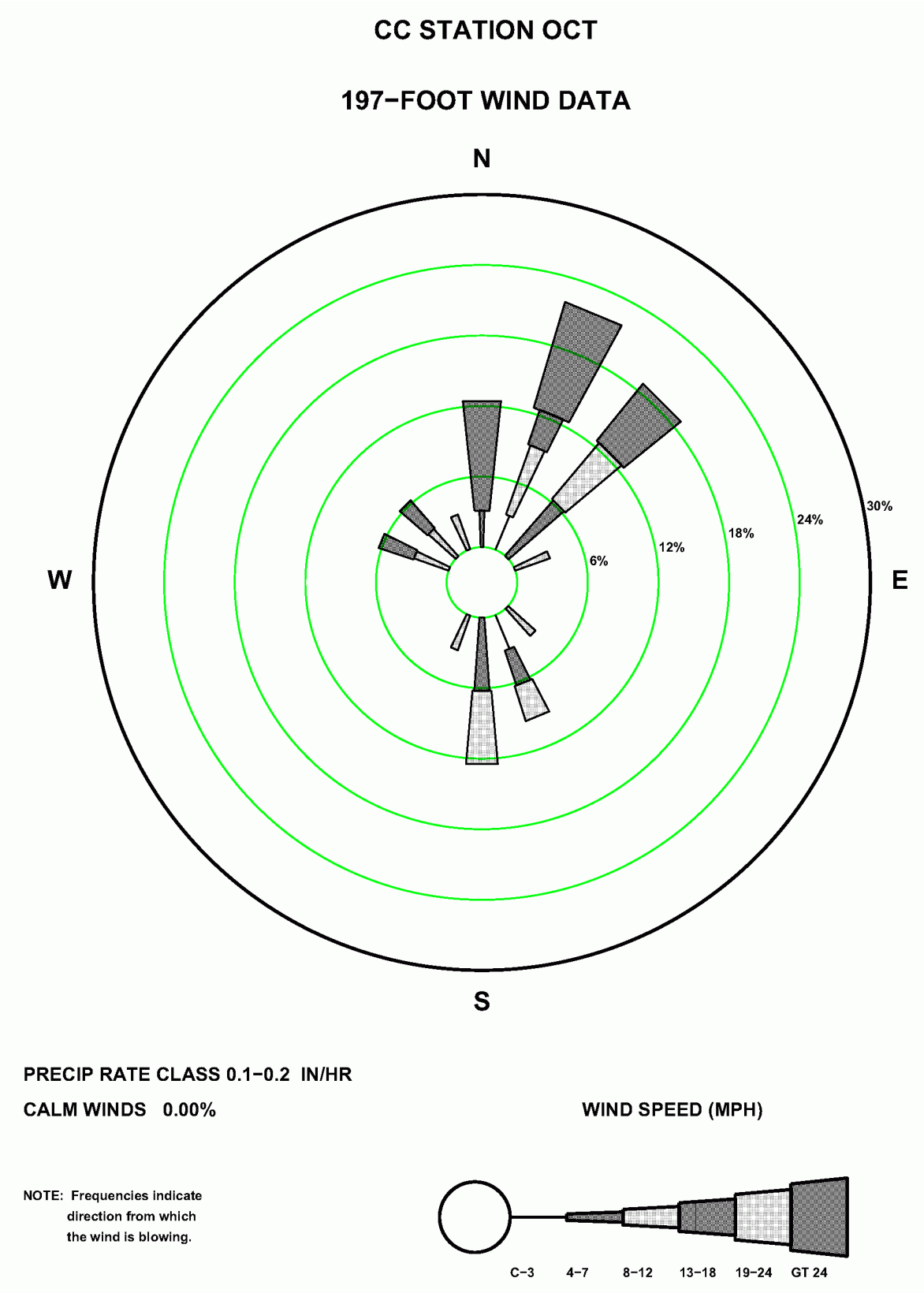

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Figure 2.7-158—CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

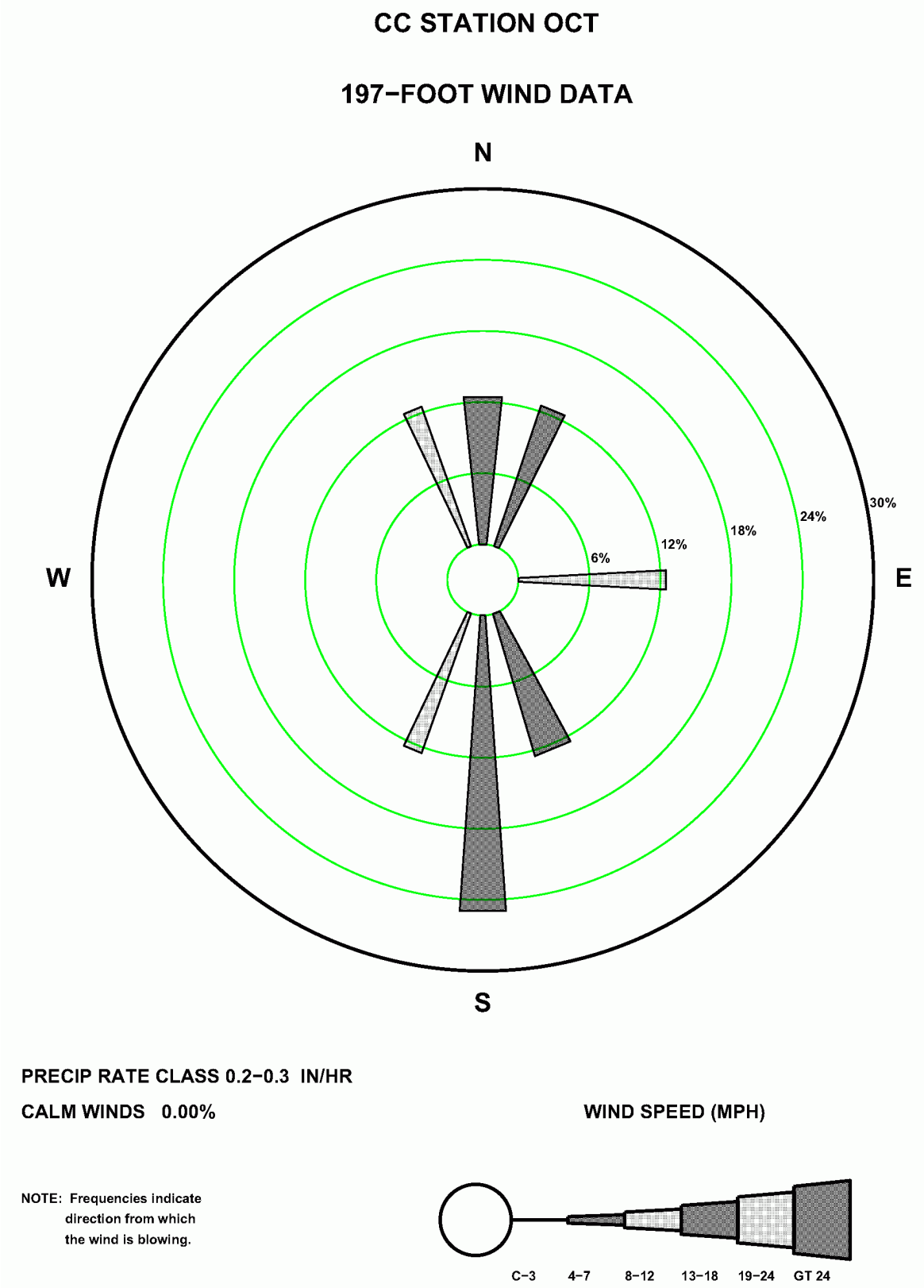

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Figure 2.7-159—CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

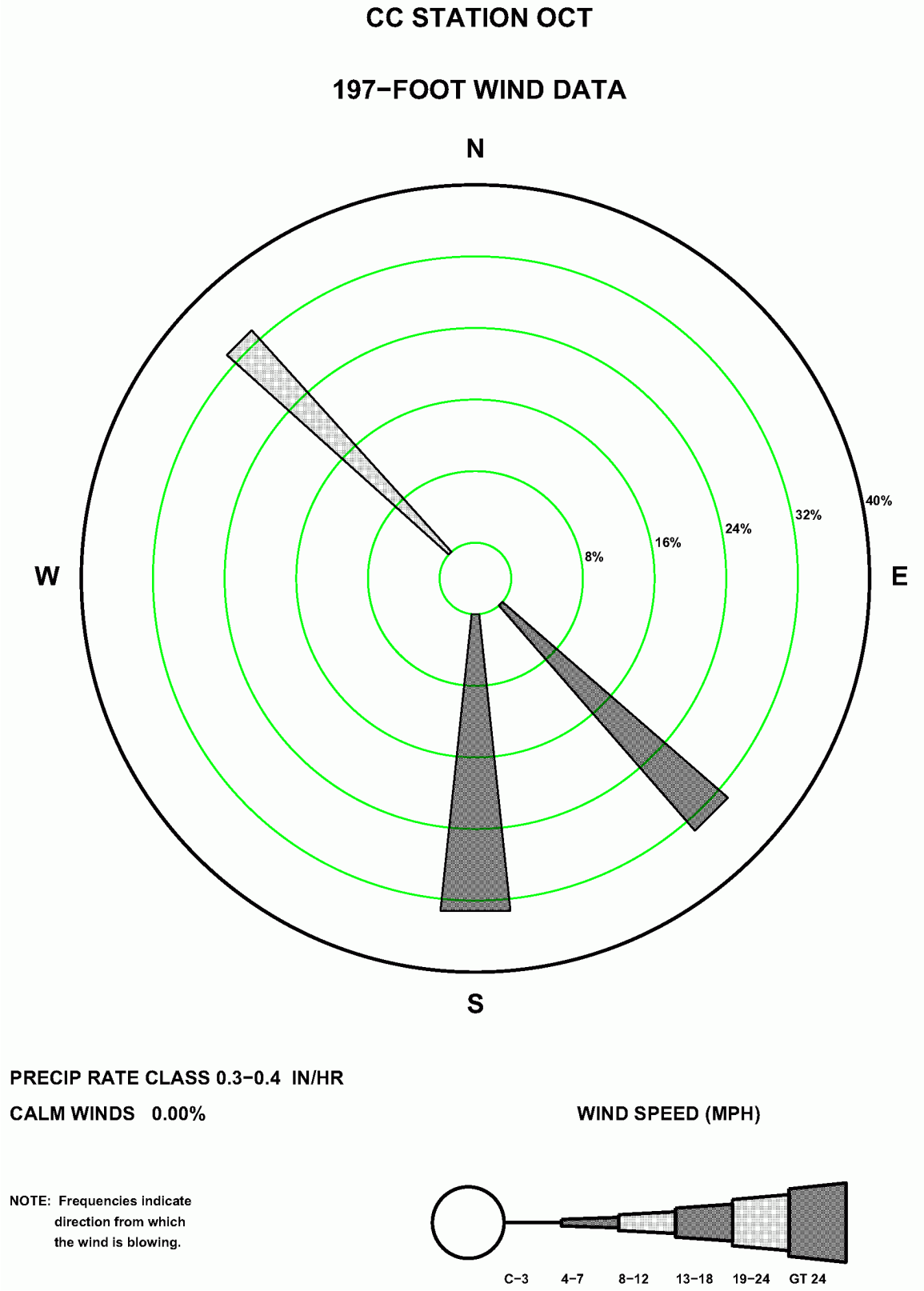

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Figure 2.7-160—CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

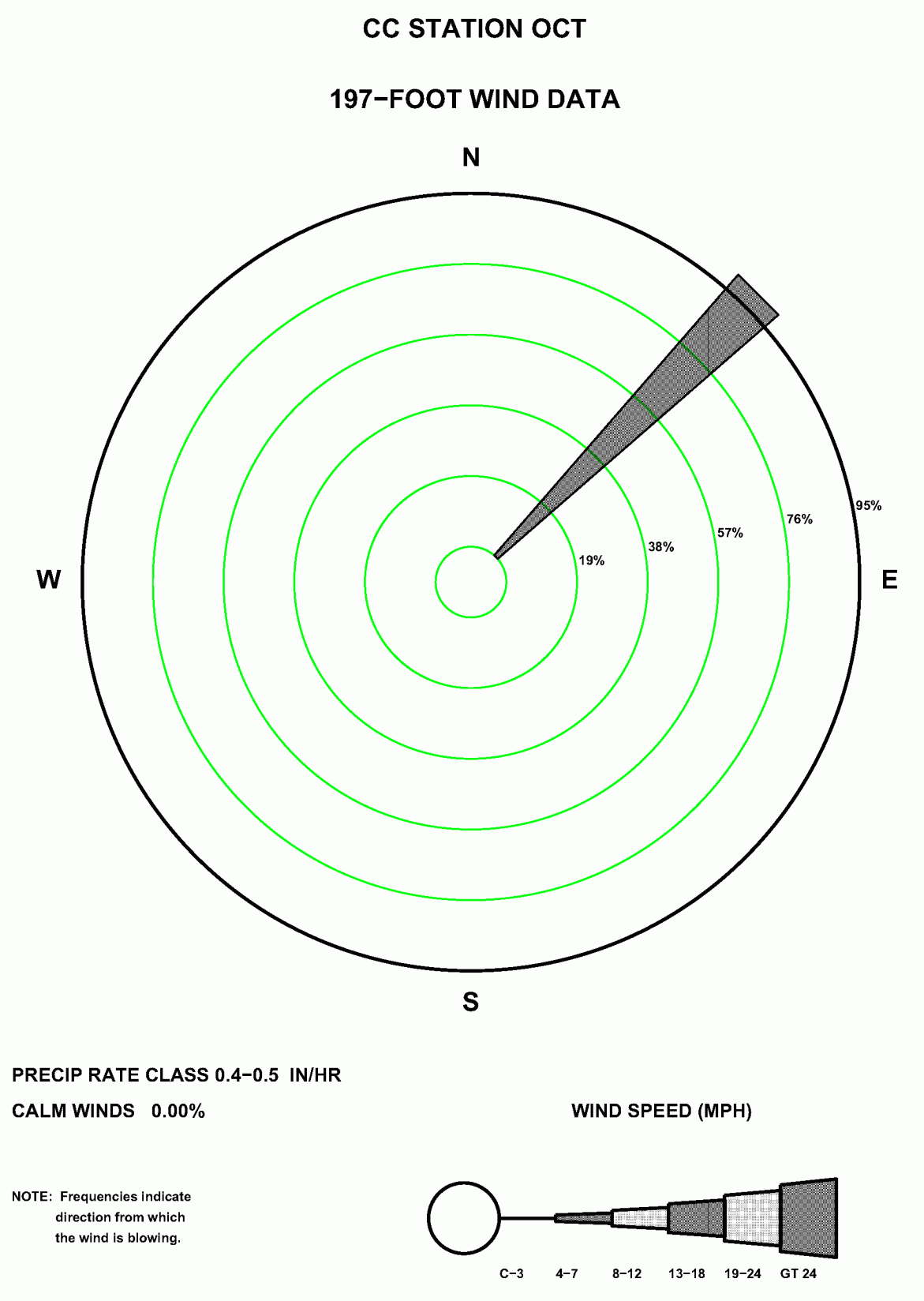

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Figure 2.7-161—CCNPP 197 ft October Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

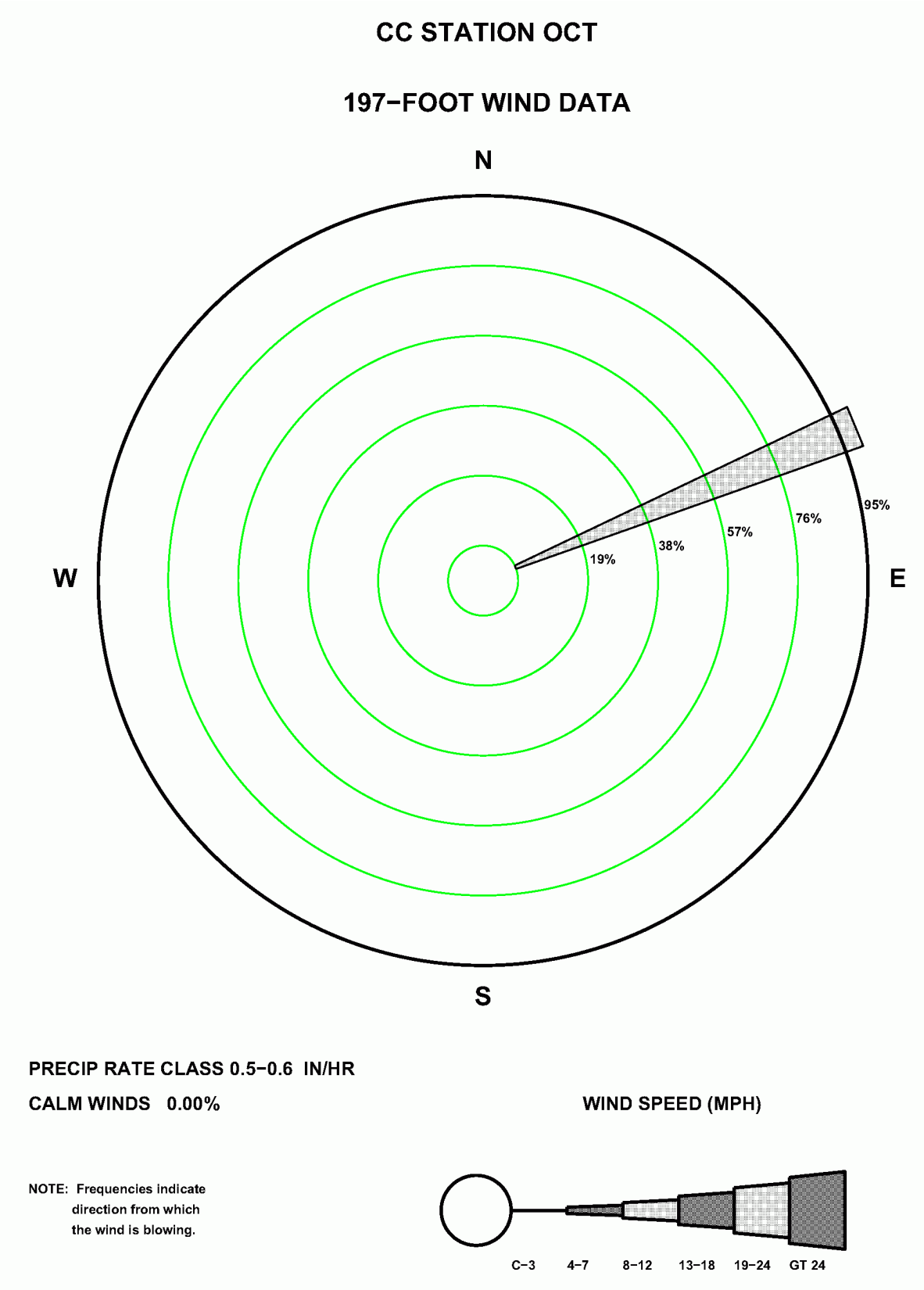

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Figure 2.7-162—CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

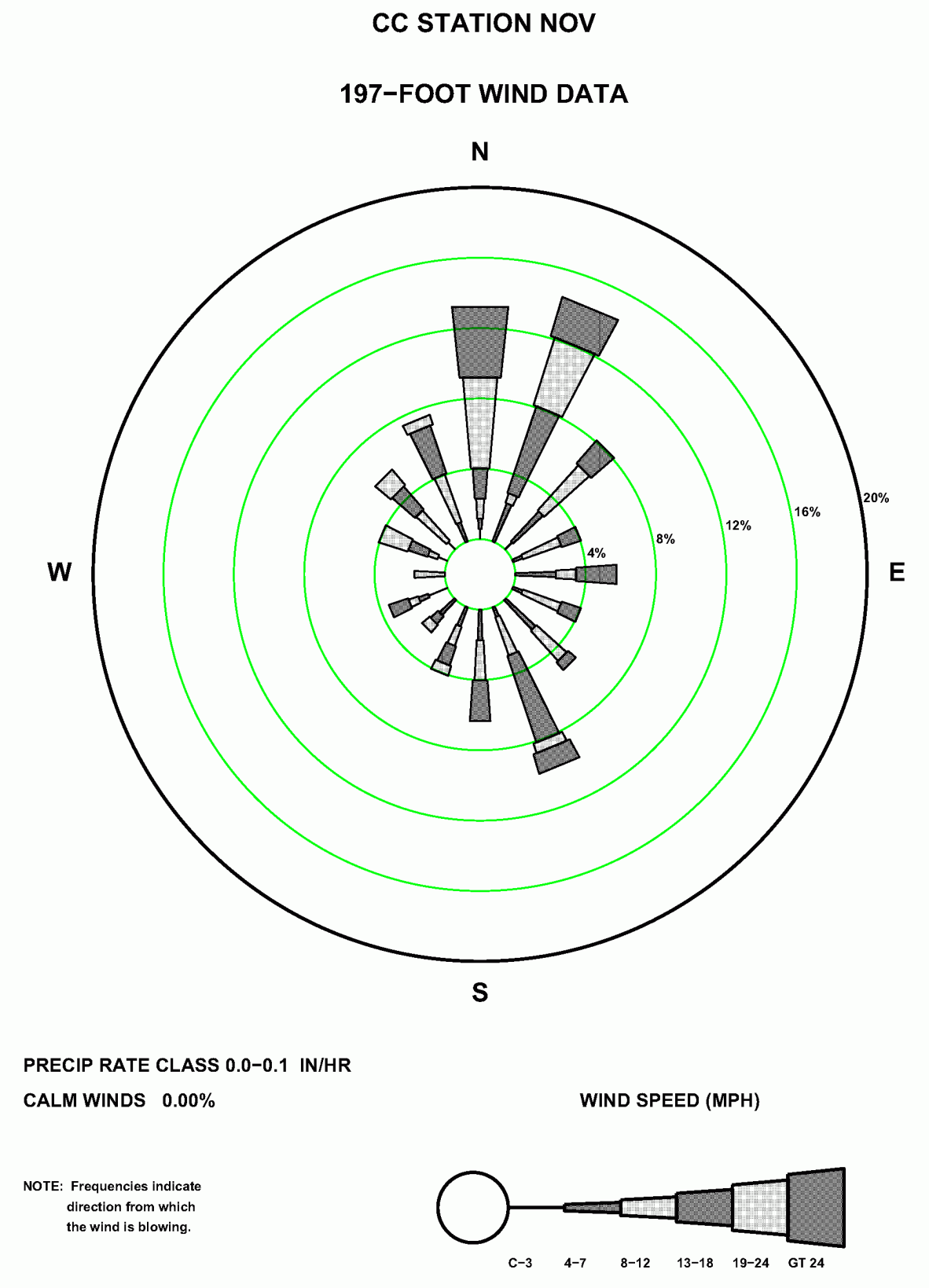

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Figure 2.7-163—CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

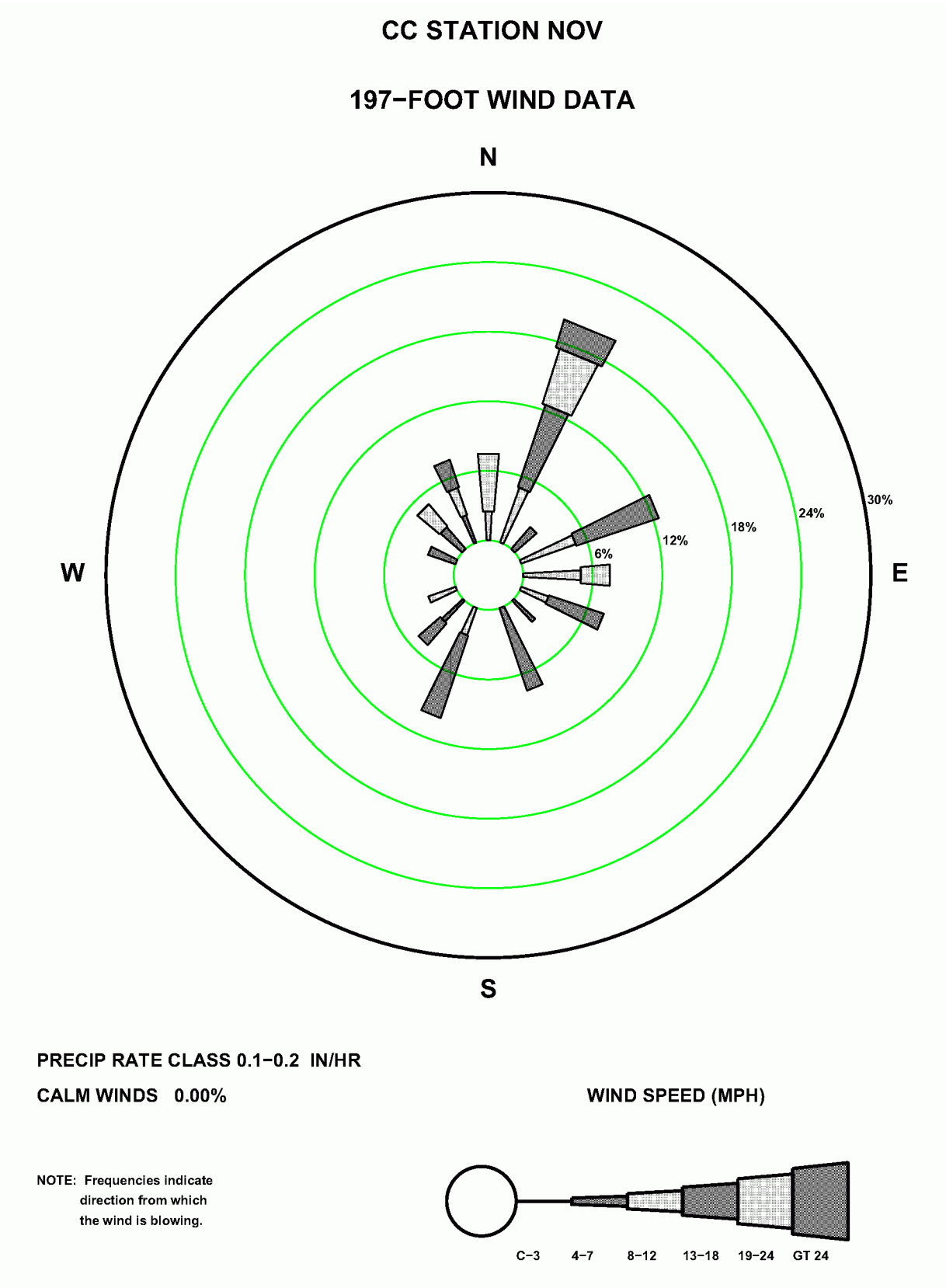

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Figure 2.7-164—CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

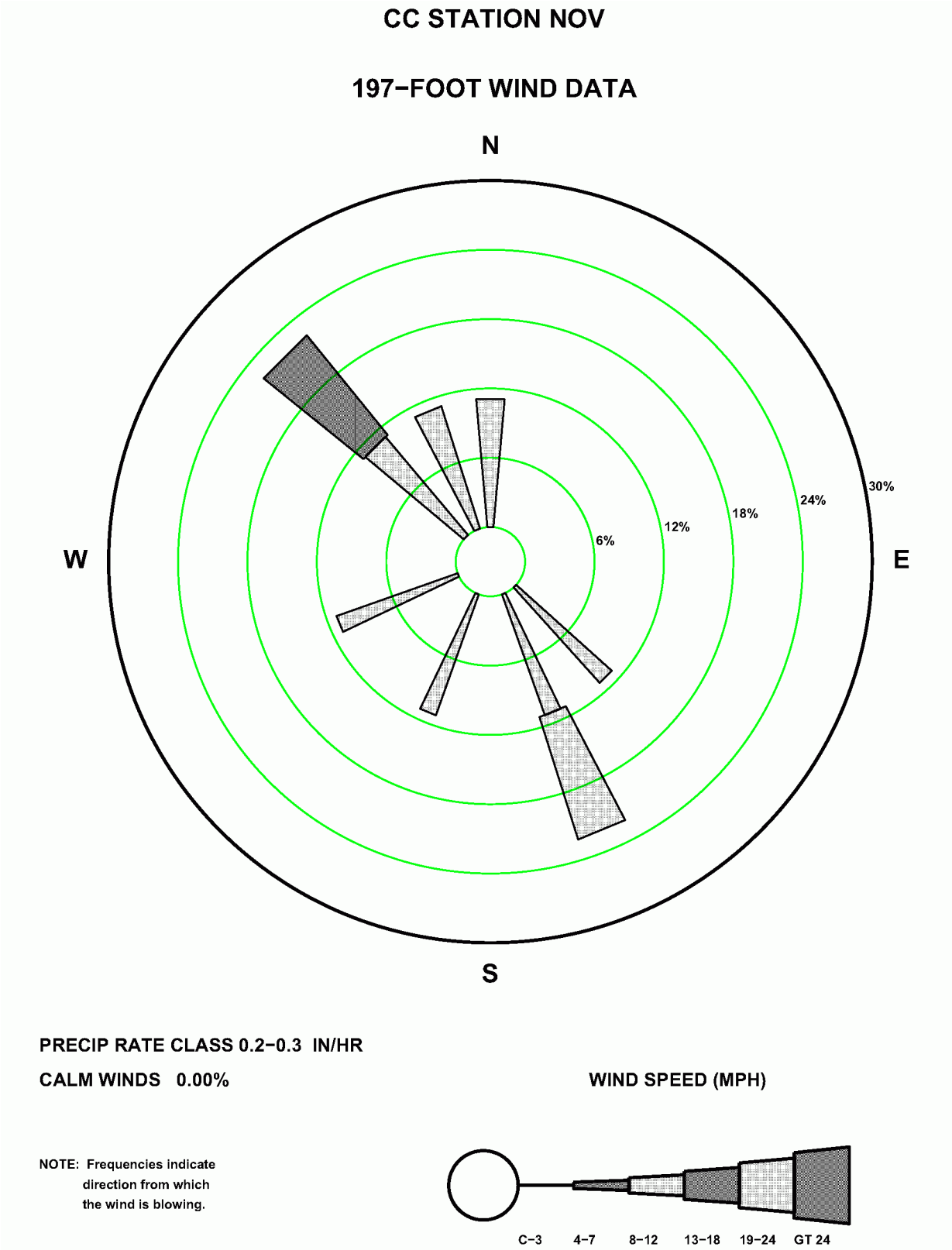

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Figure 2.7-165—CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

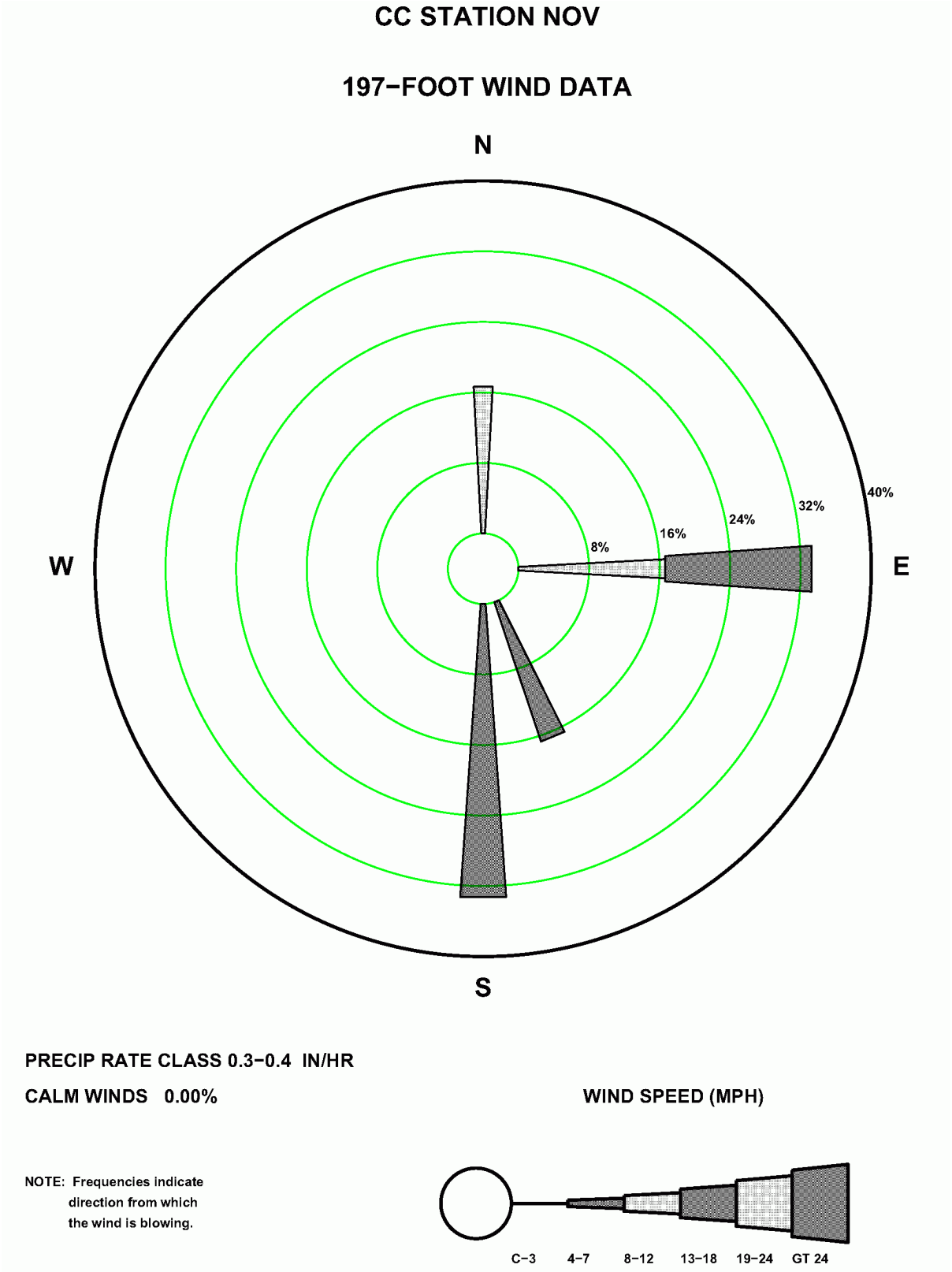

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Figure 2.7-166—CCNPP 197 ft November Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

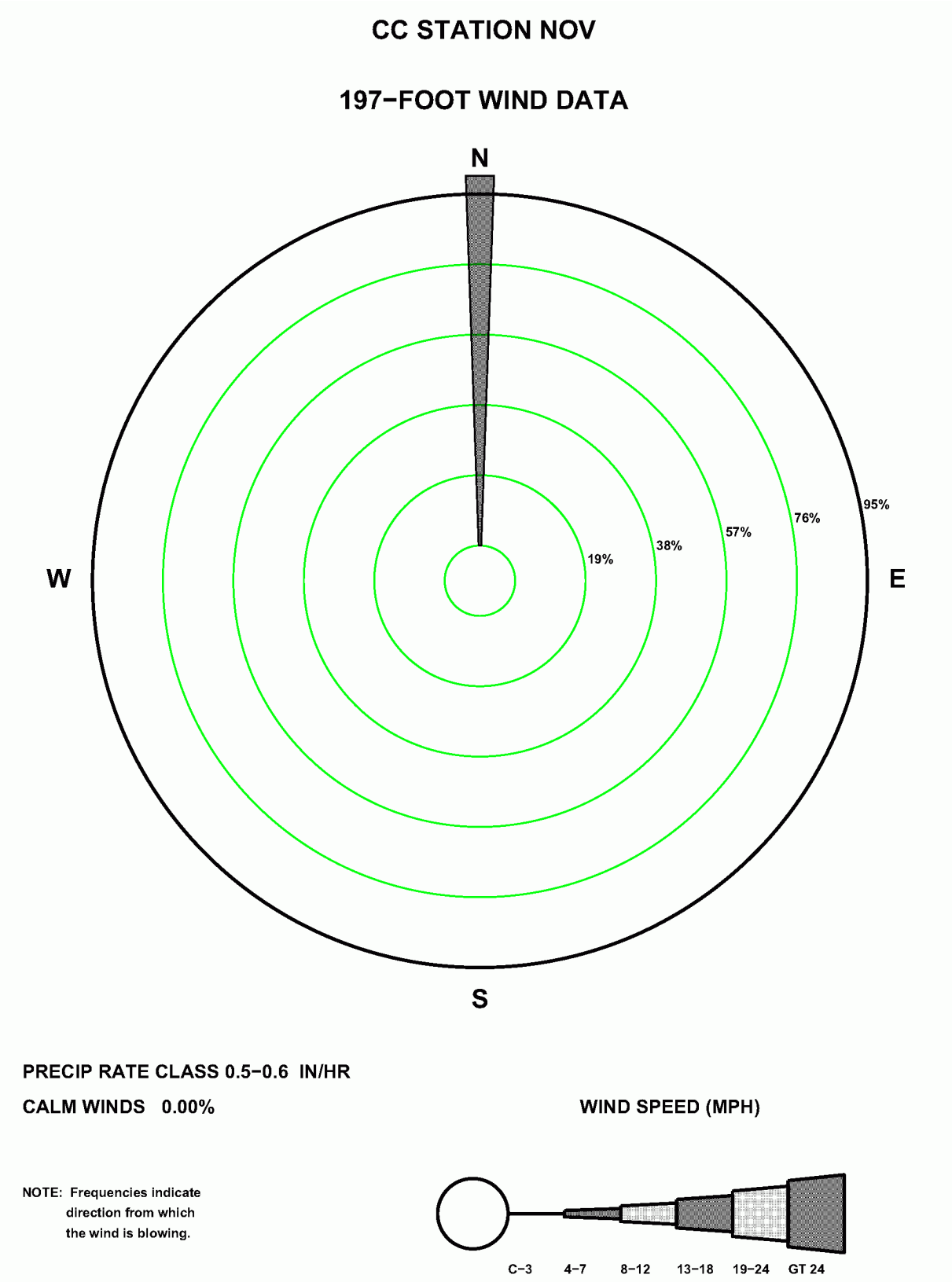

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Figure 2.7-167—CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

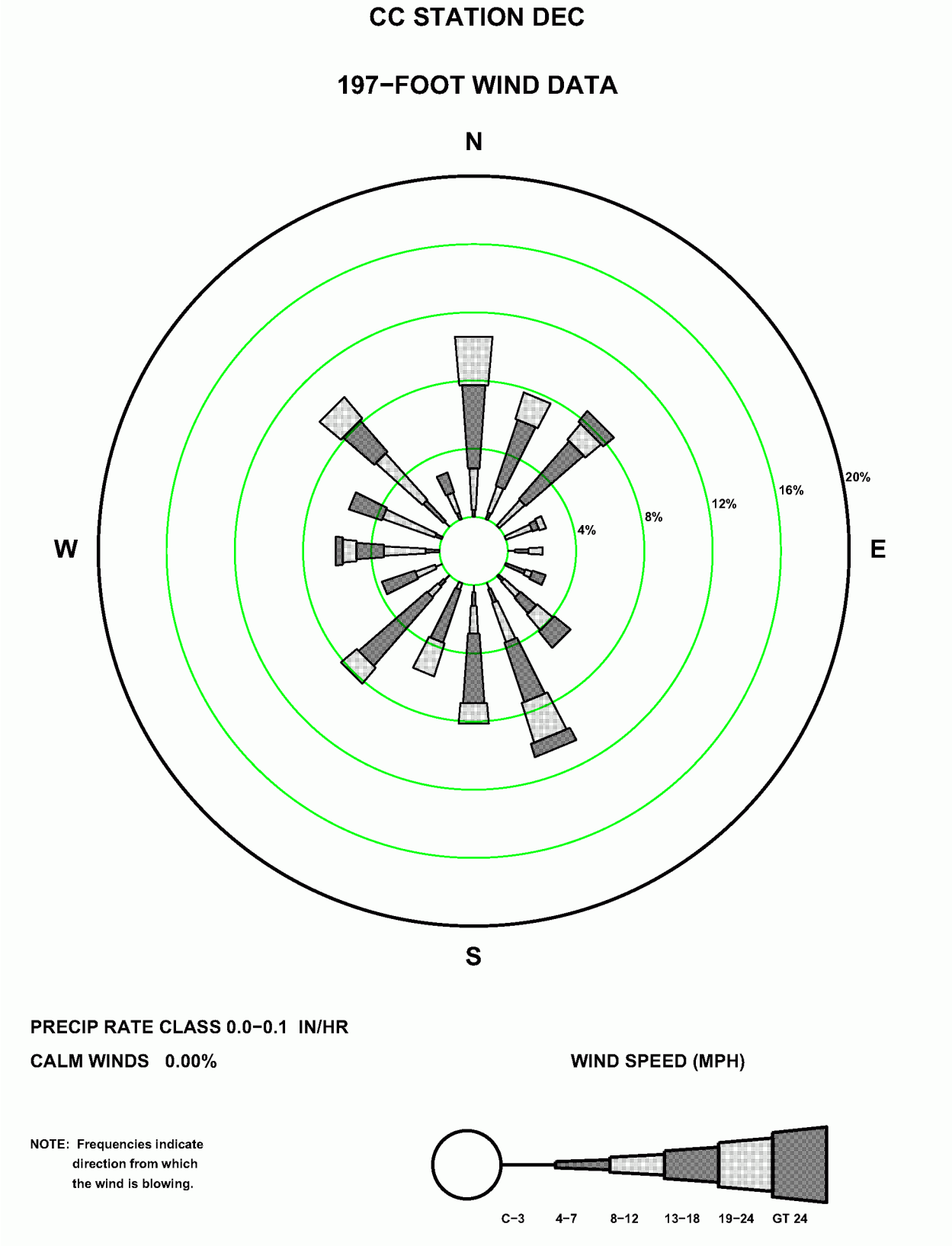

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Figure 2.7-168—CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

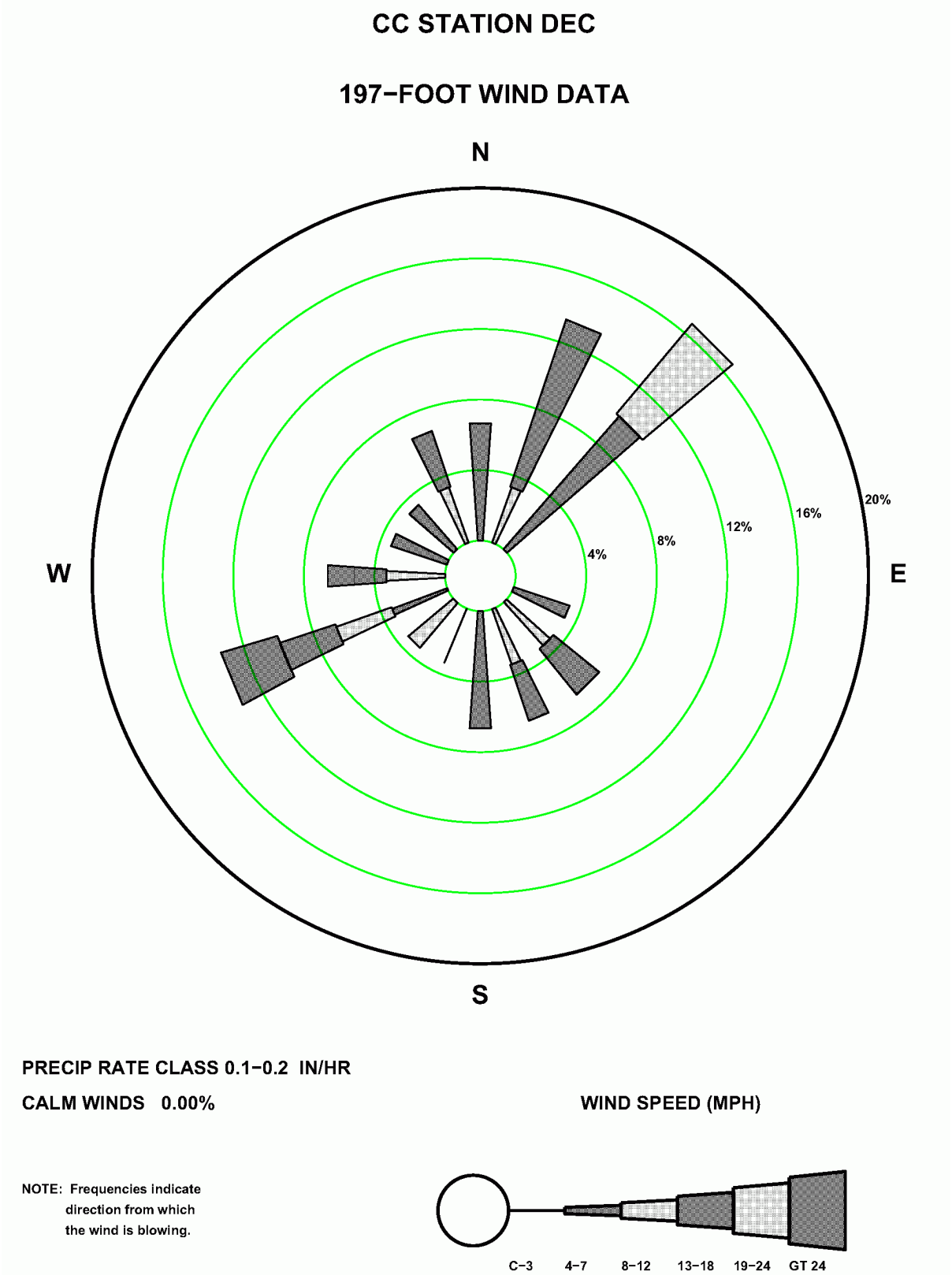

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Figure 2.7-169—CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

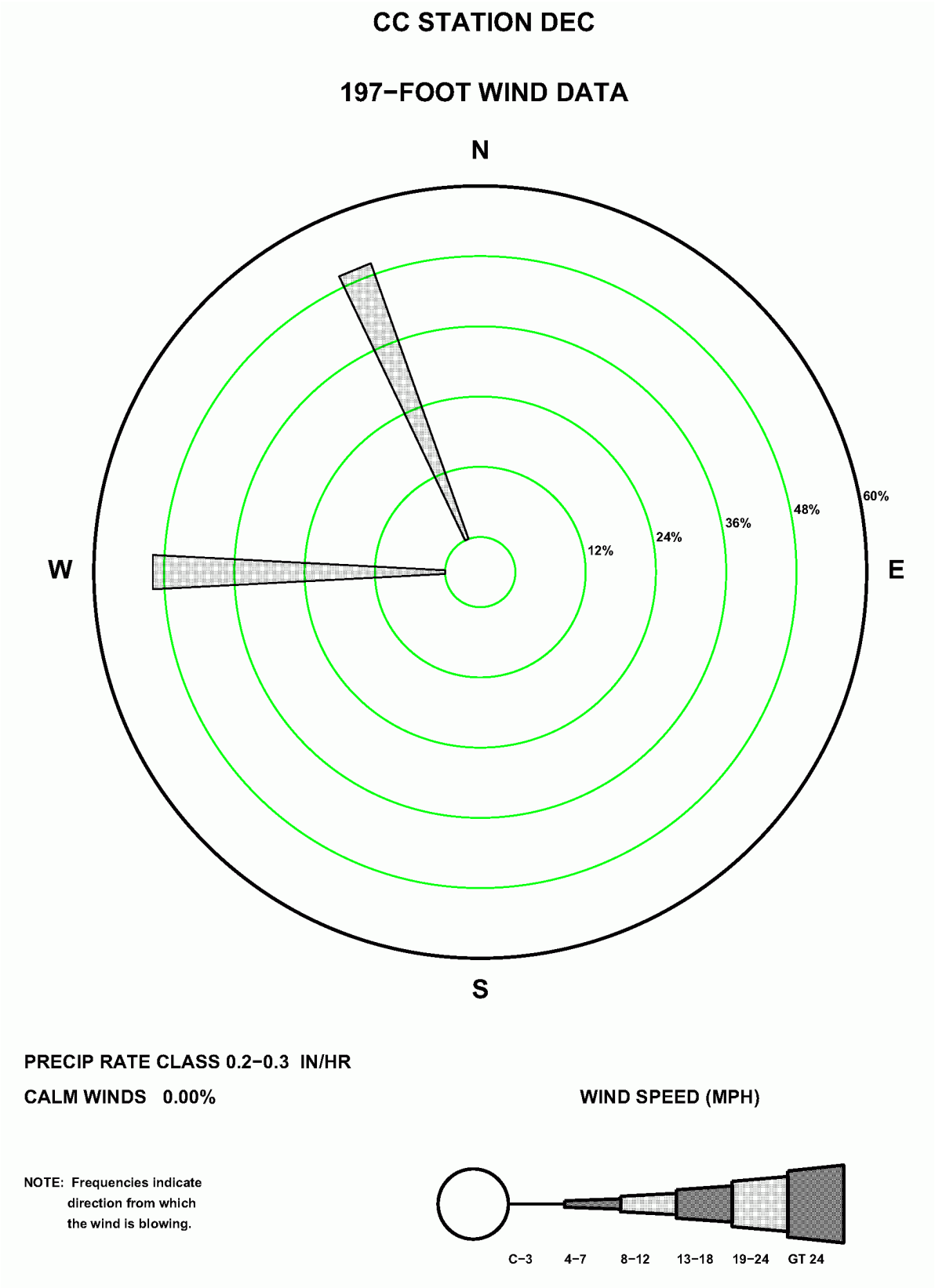

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Figure 2.7-170—CCNPP 197 ft December Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

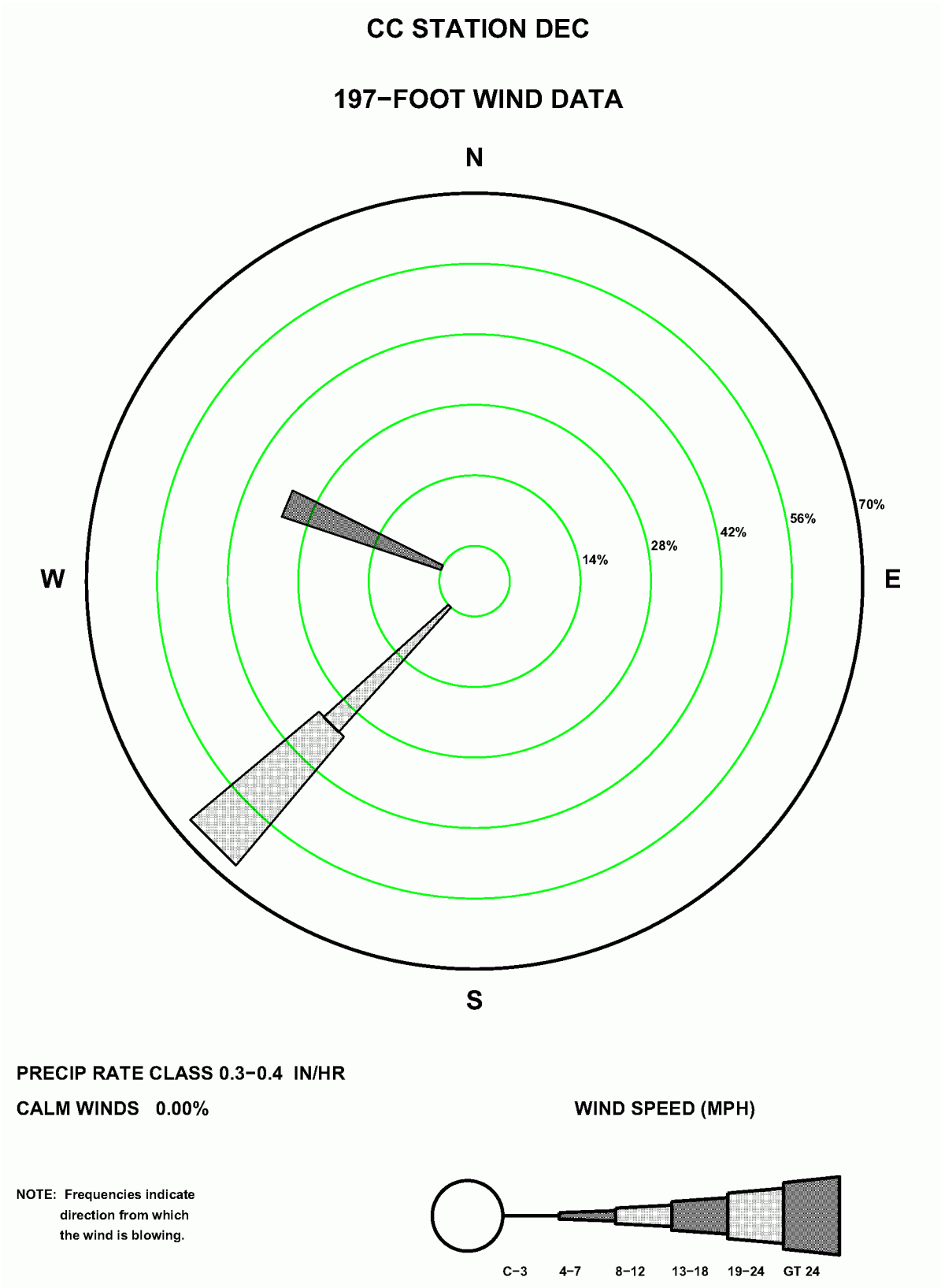

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Figure 2.7-171—Monthly Average Mixing Heights

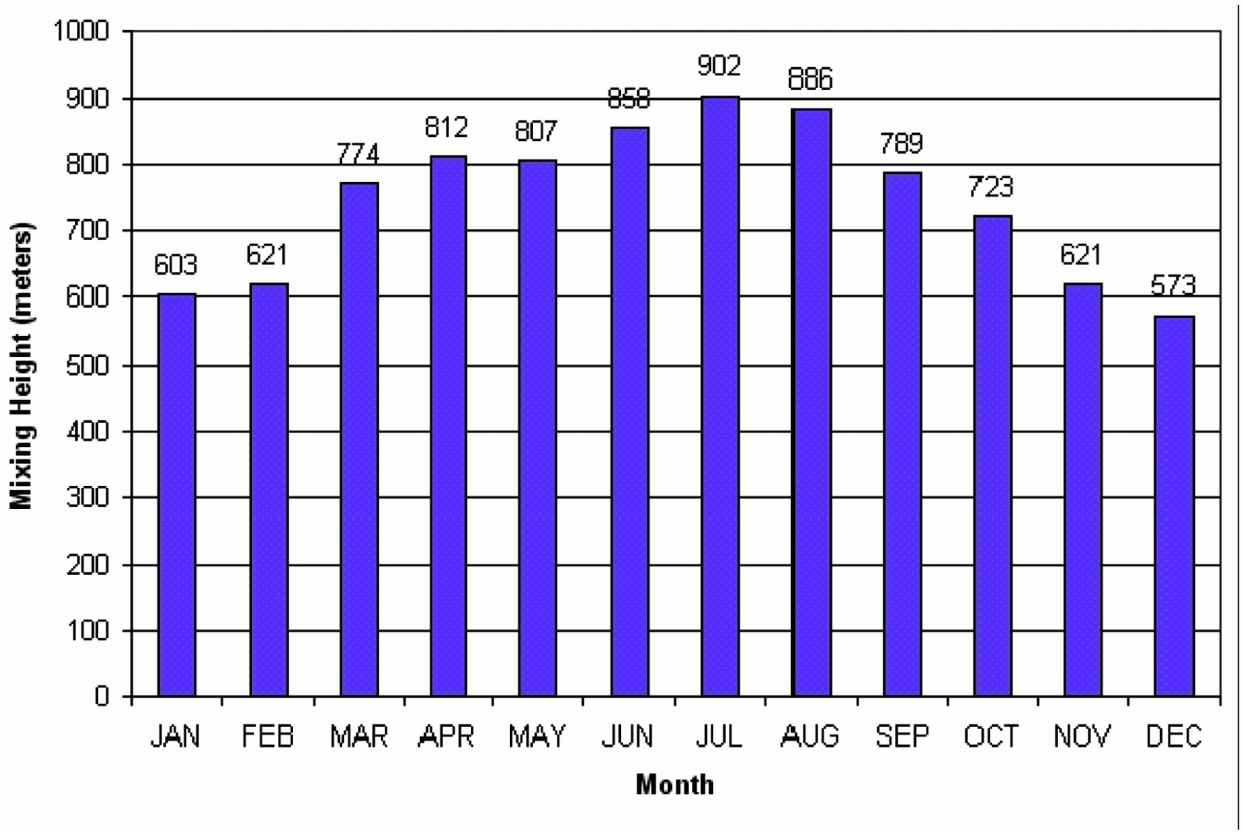

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Figure 2.7-172—CCNPP 33 ft Annual Wind Rose

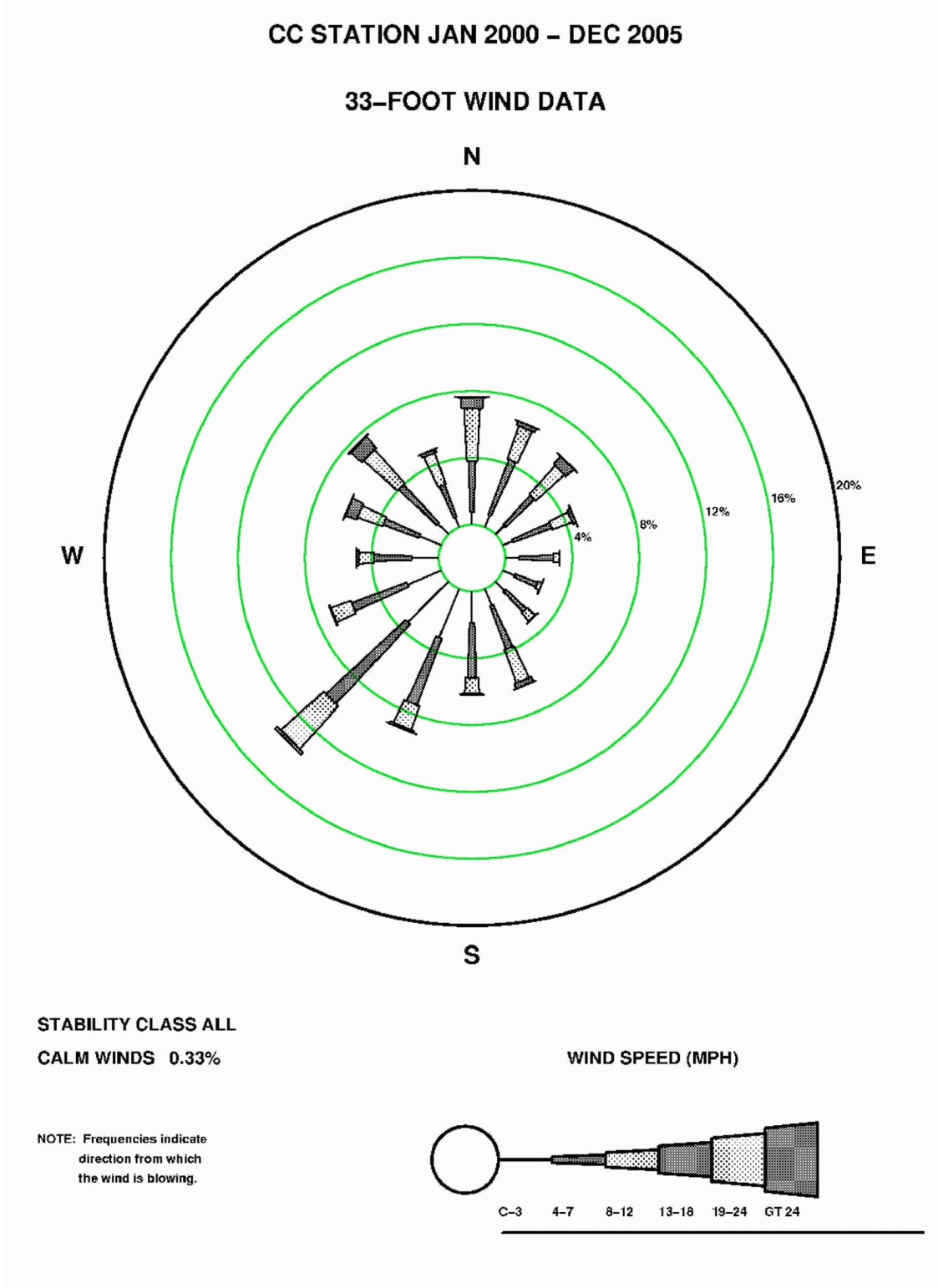

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Figure 2.7-173—CCNPP 33 ft January Wind Rose

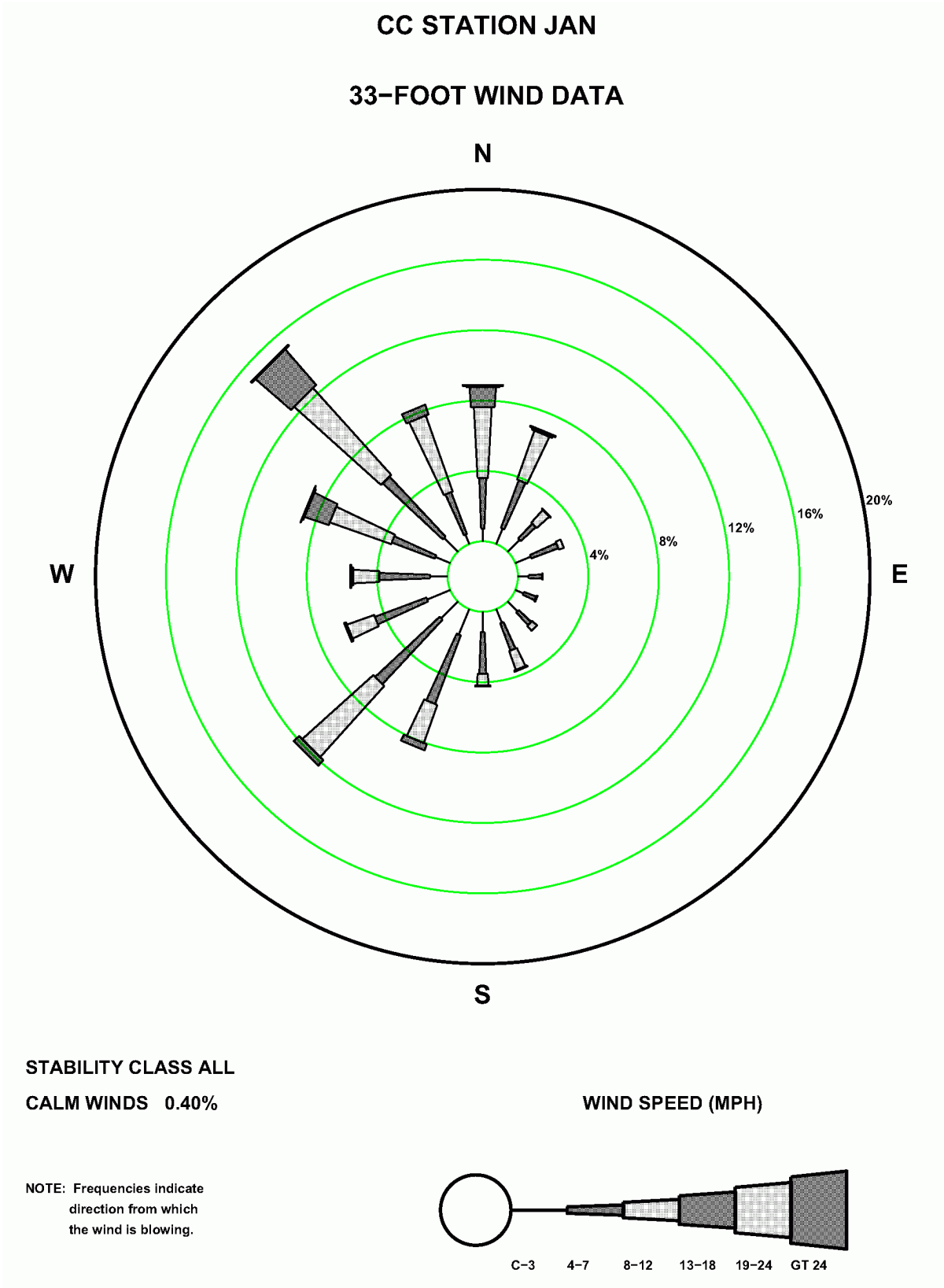

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Figure 2.7-174—CCNPP 33 ft February Wind Rose

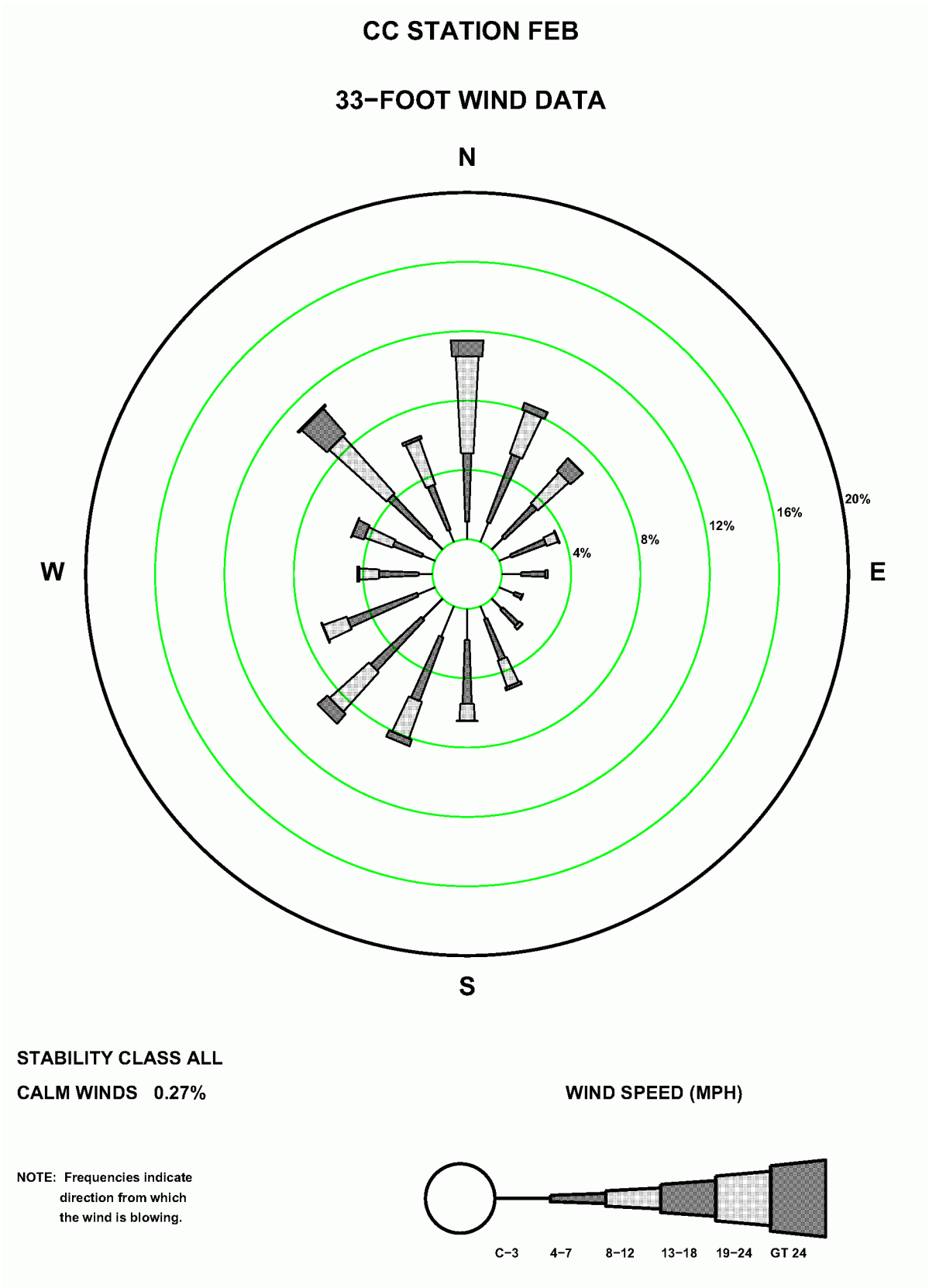

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Figure 2.7-175—CCNPP 33 ft March Wind Rose

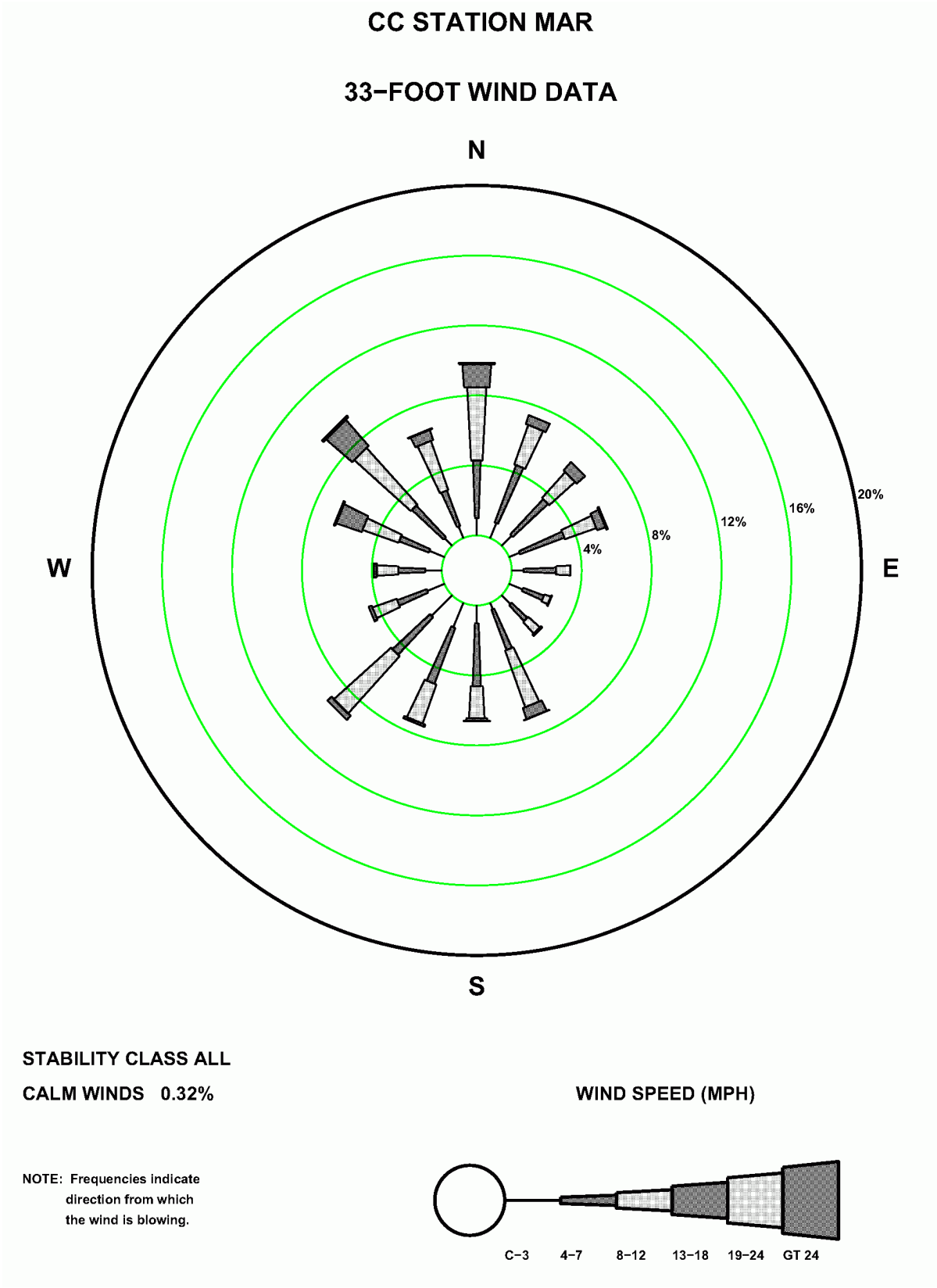

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Figure 2.7-176—CCNPP 33 ft April Wind Rose

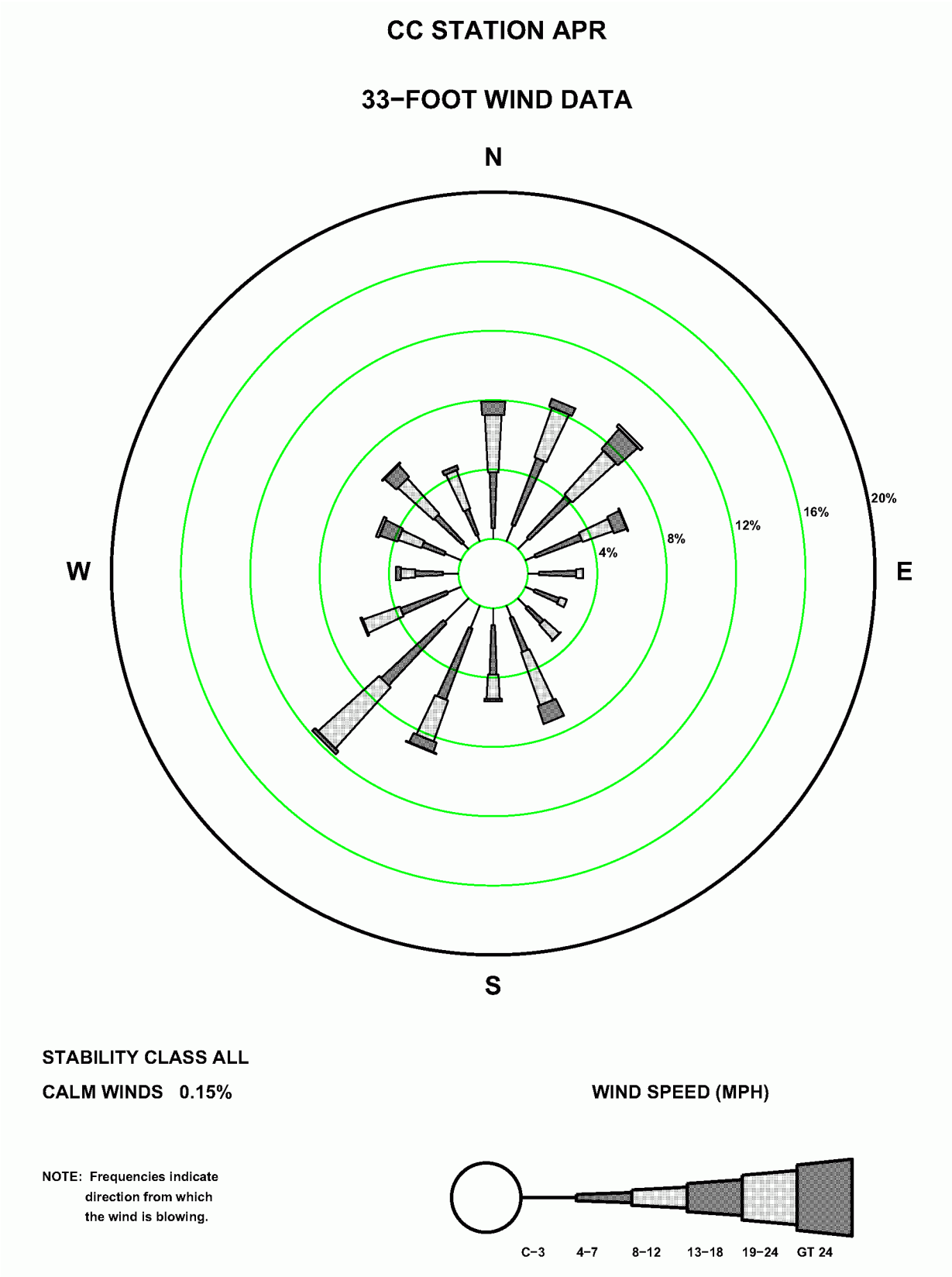

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Figure 2.7-177—CCNPP 33 ft May Wind Rose

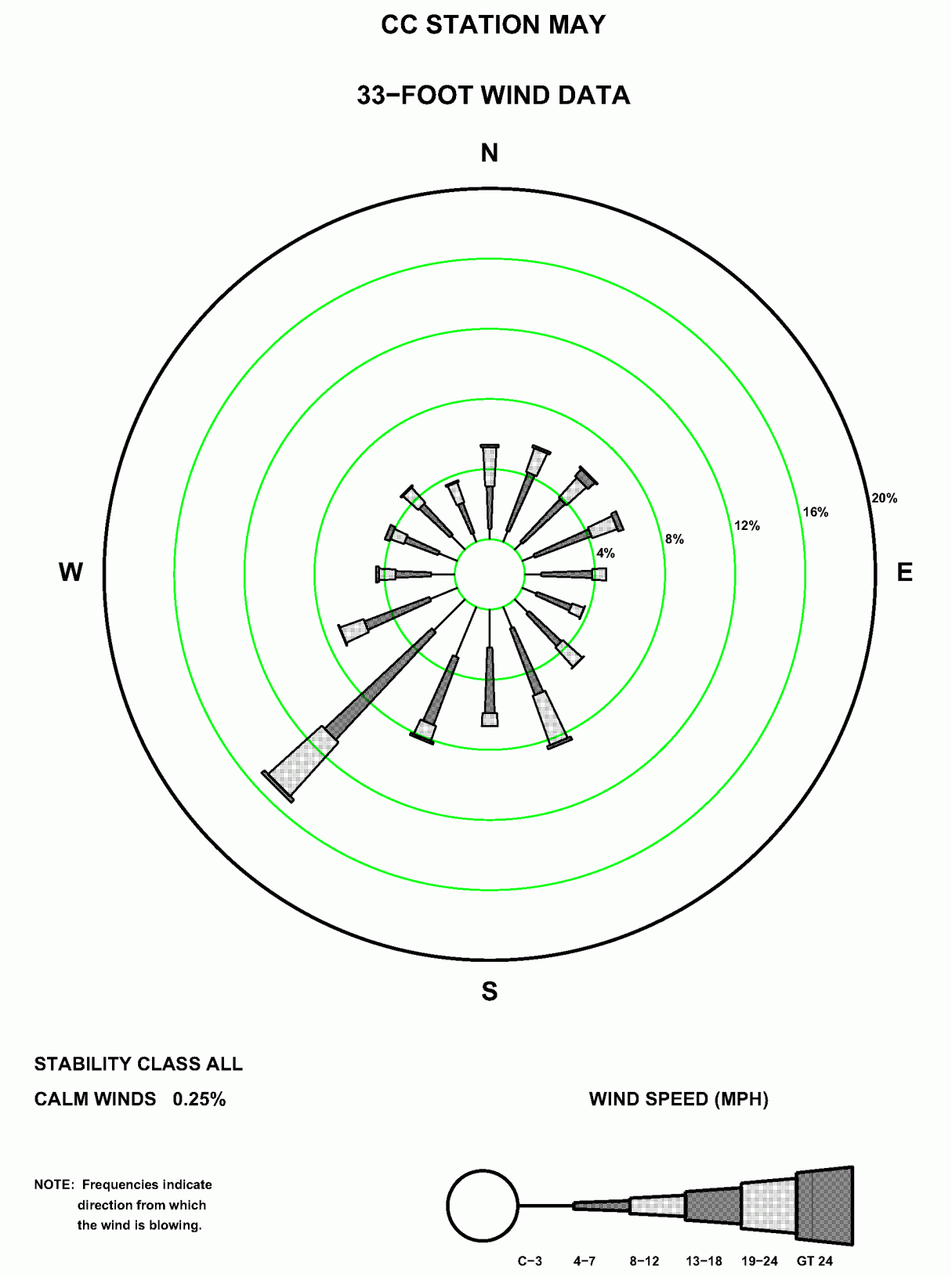

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Figure 2.7-178—CCNPP 33 ft June Wind Rose

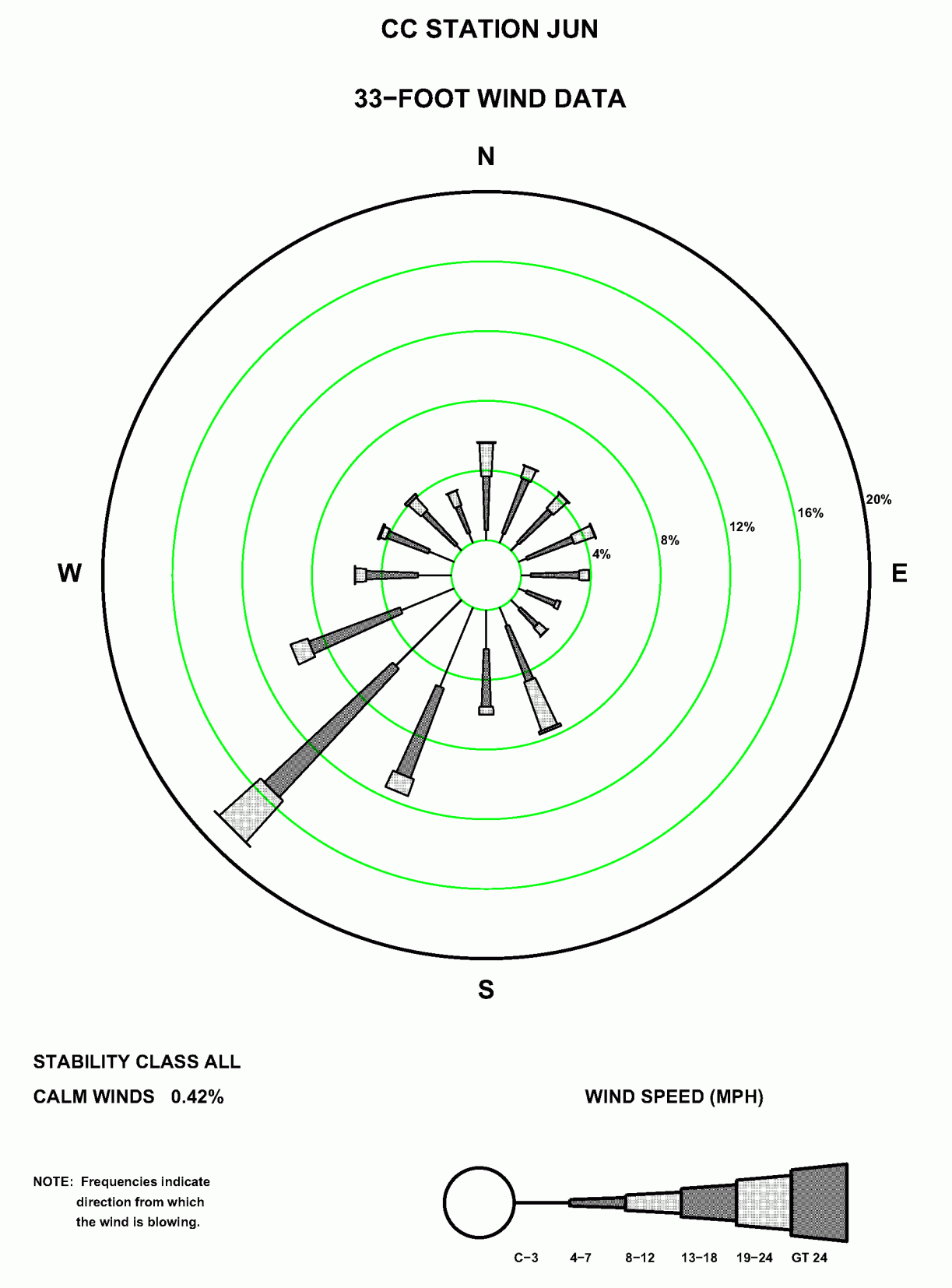

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Figure 2.7-179—CCNPP 33 ft July Wind Rose

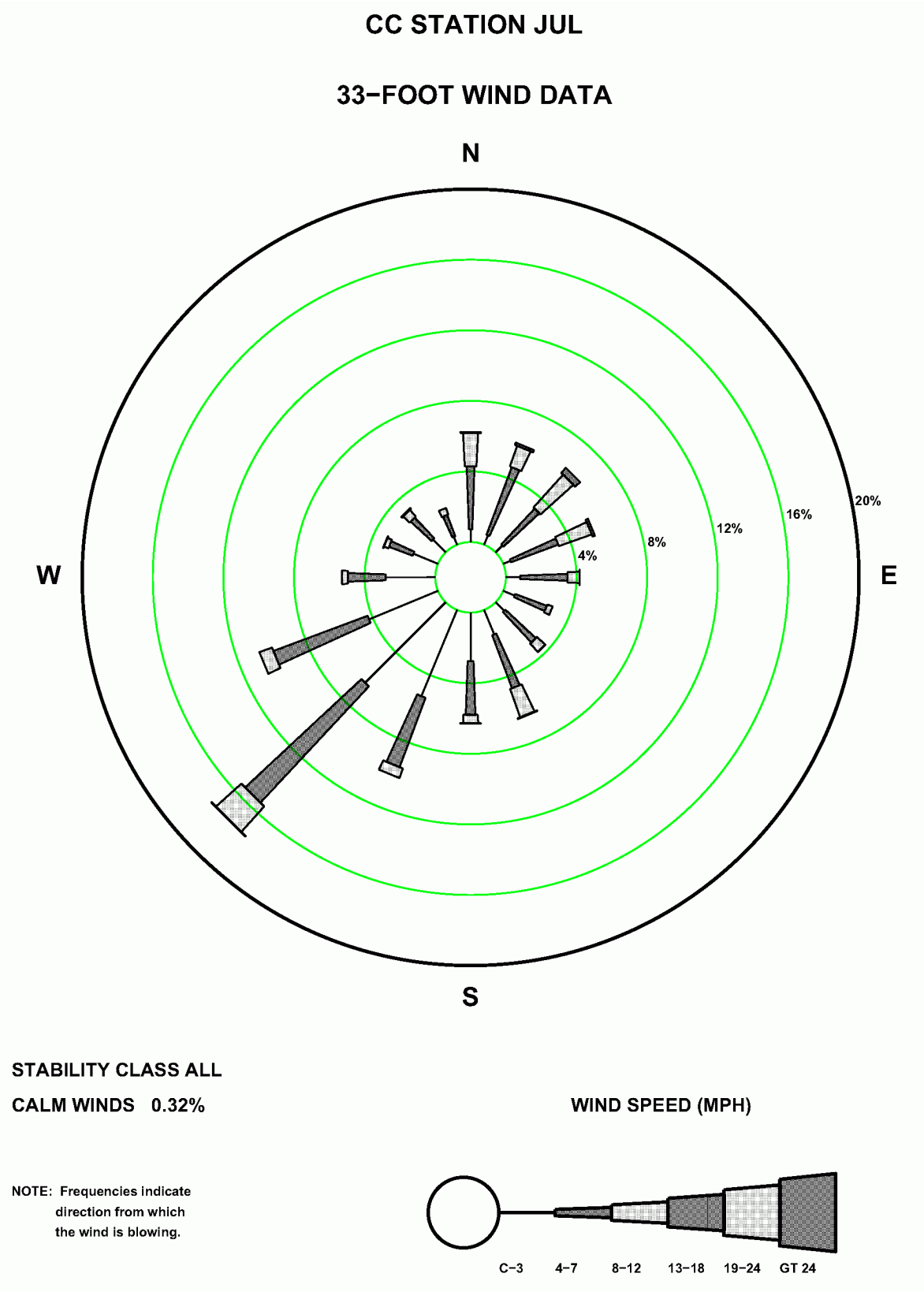

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Figure 2.7-180—CCNPP 33 ft August Wind Rose

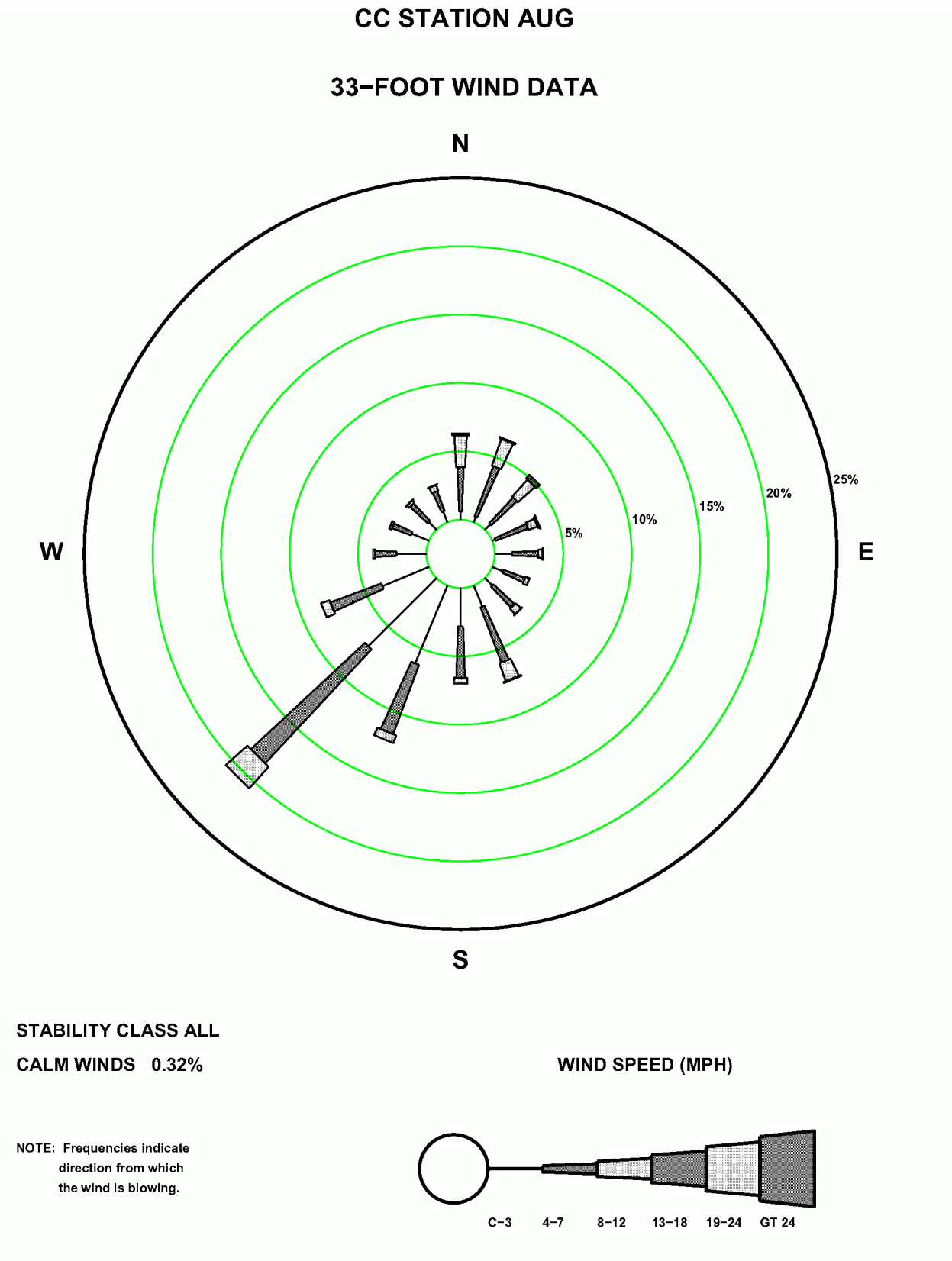

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Figure 2.7-181—CCNPP 33 ft September Wind Rose

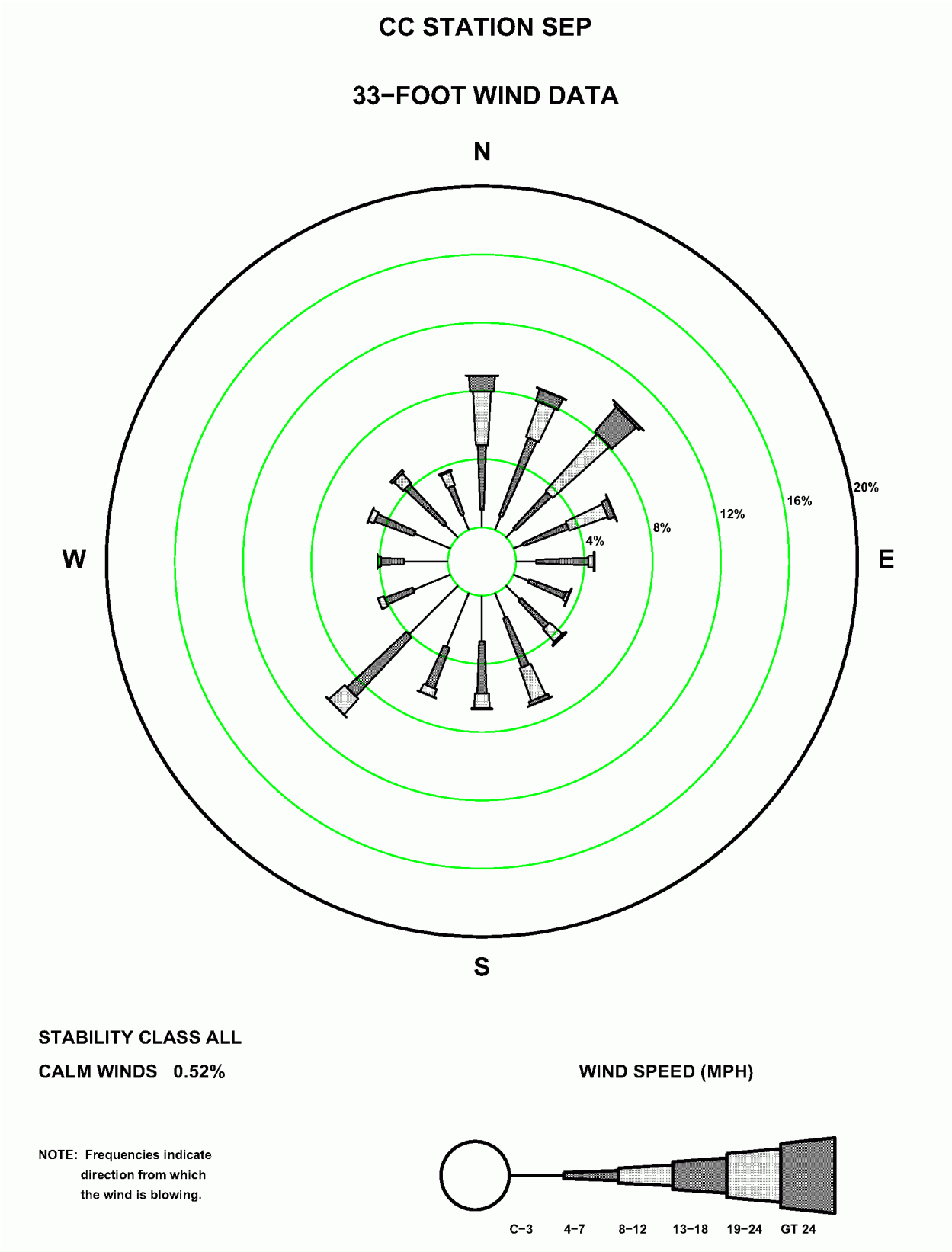

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Figure 2.7-182—CCNPP 33 ft October Wind Rose

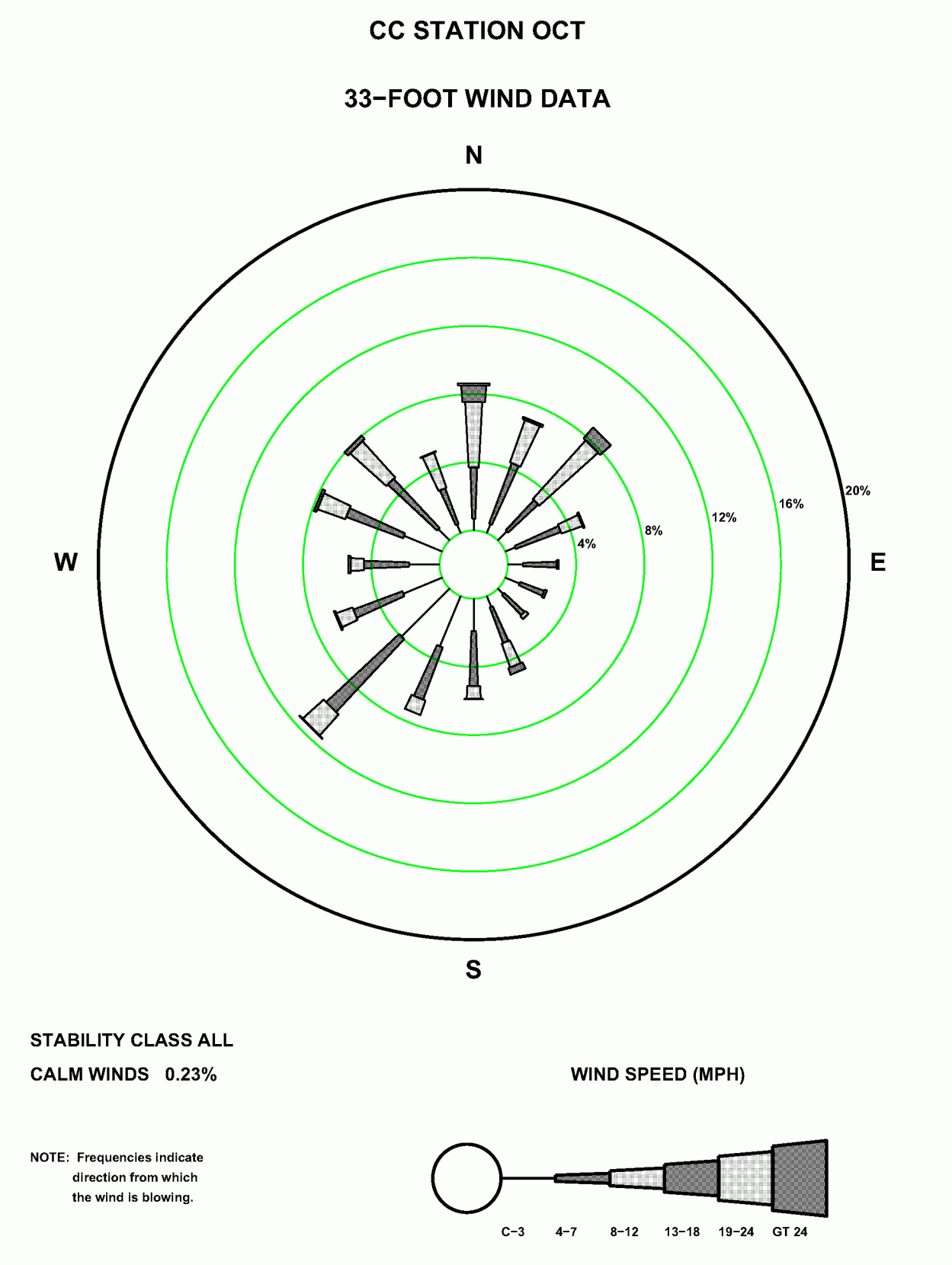

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Figure 2.7-183—CCNPP 33 ft November Wind Rose

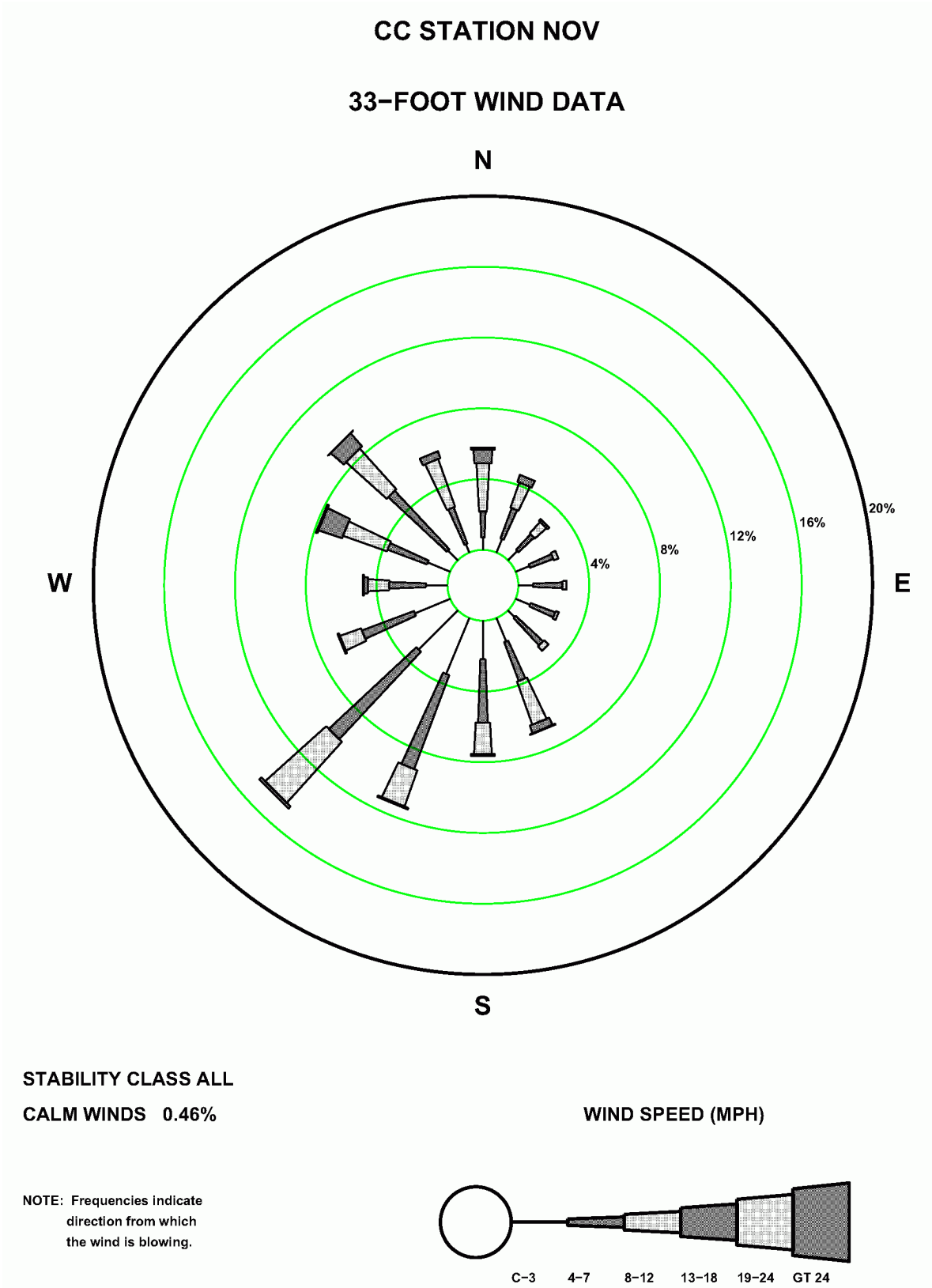

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Figure 2.7-184—CCNPP 33 ft December Wind Rose

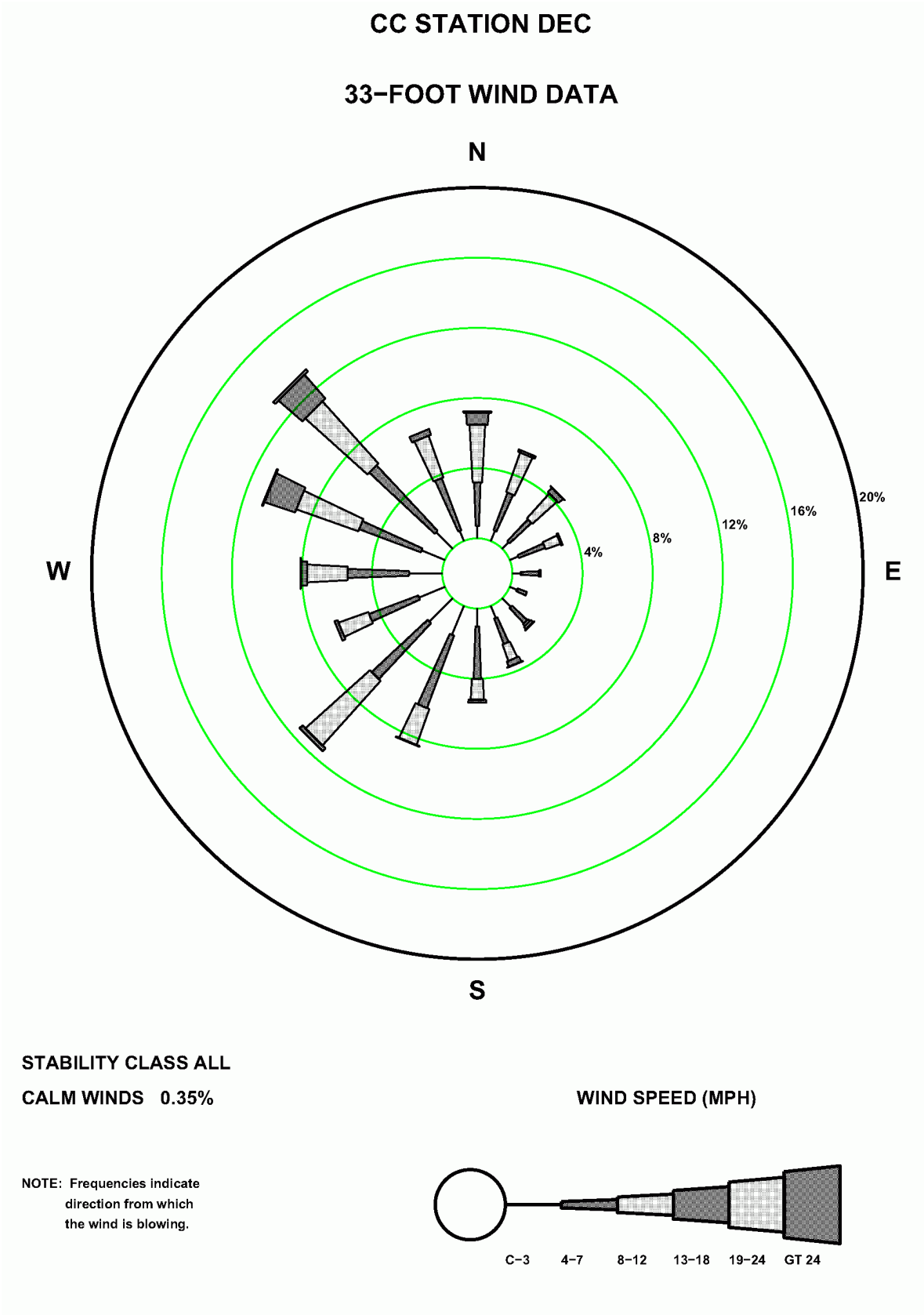

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Figure 2.7-185—CCNPP 197 ft Annual Wind Rose

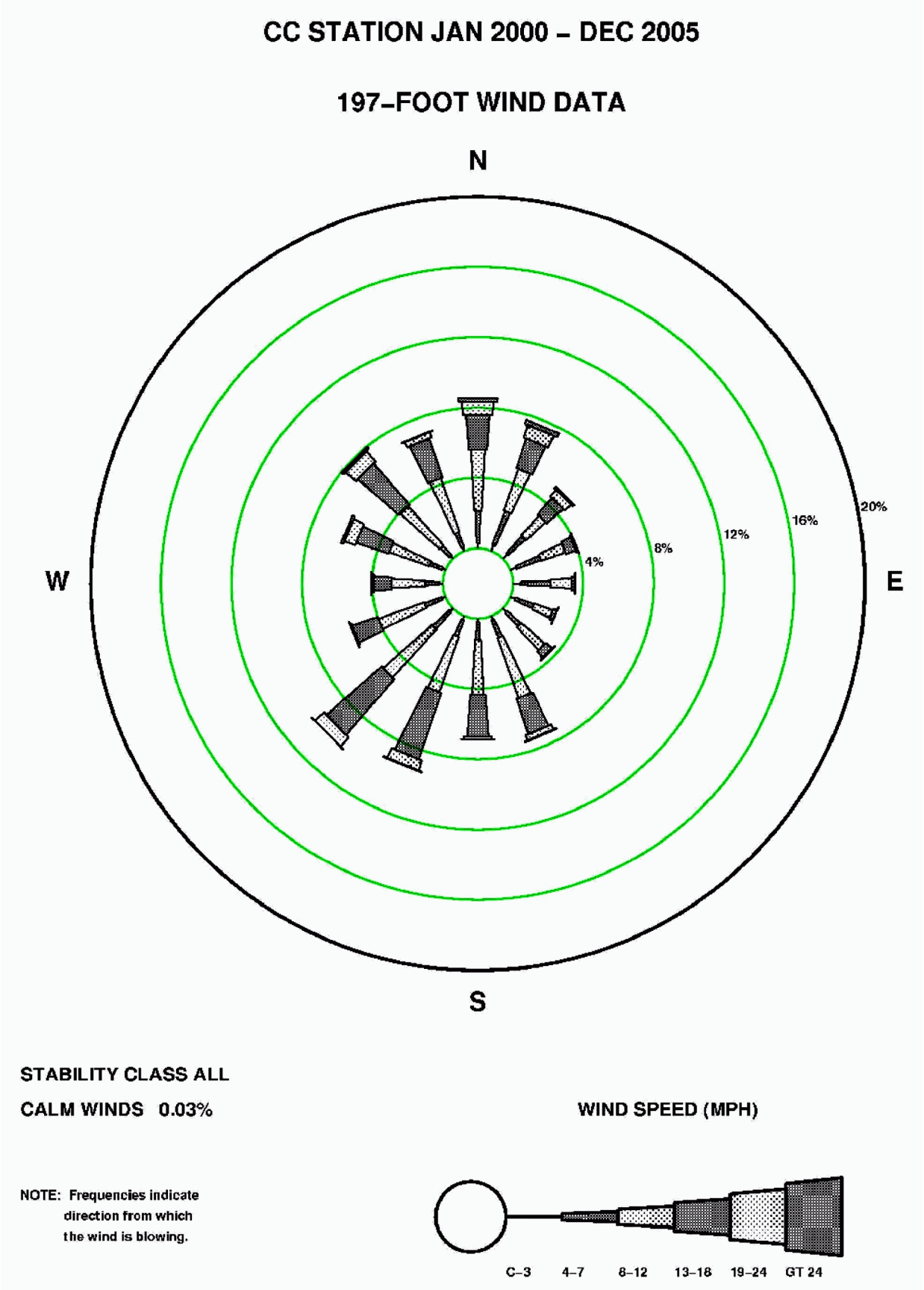

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Figure 2.7-186—CCNPP 197 ft January Wind Rose

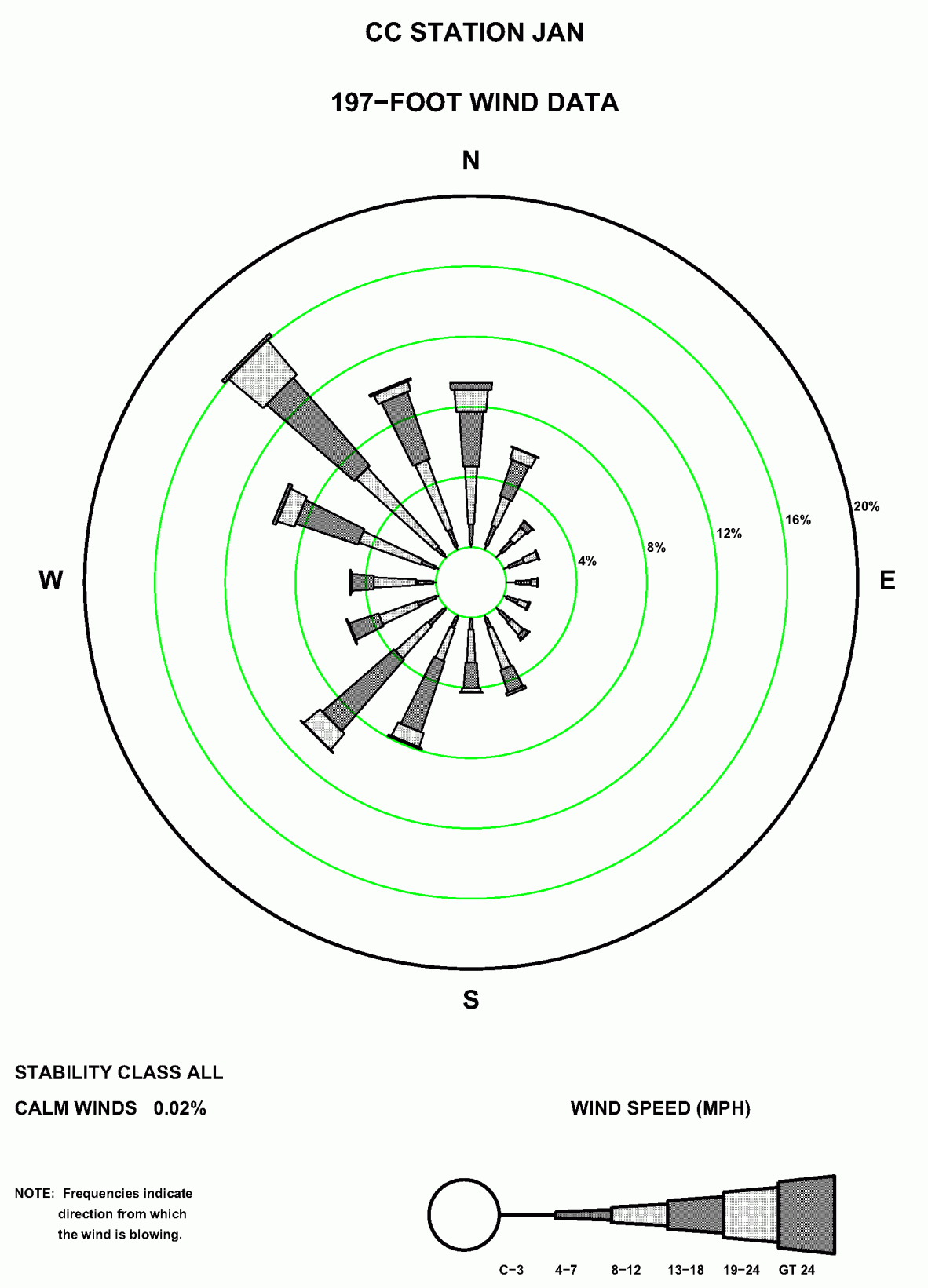

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Figure 2.7-187—CCNPP 197 ft February Wind Rose

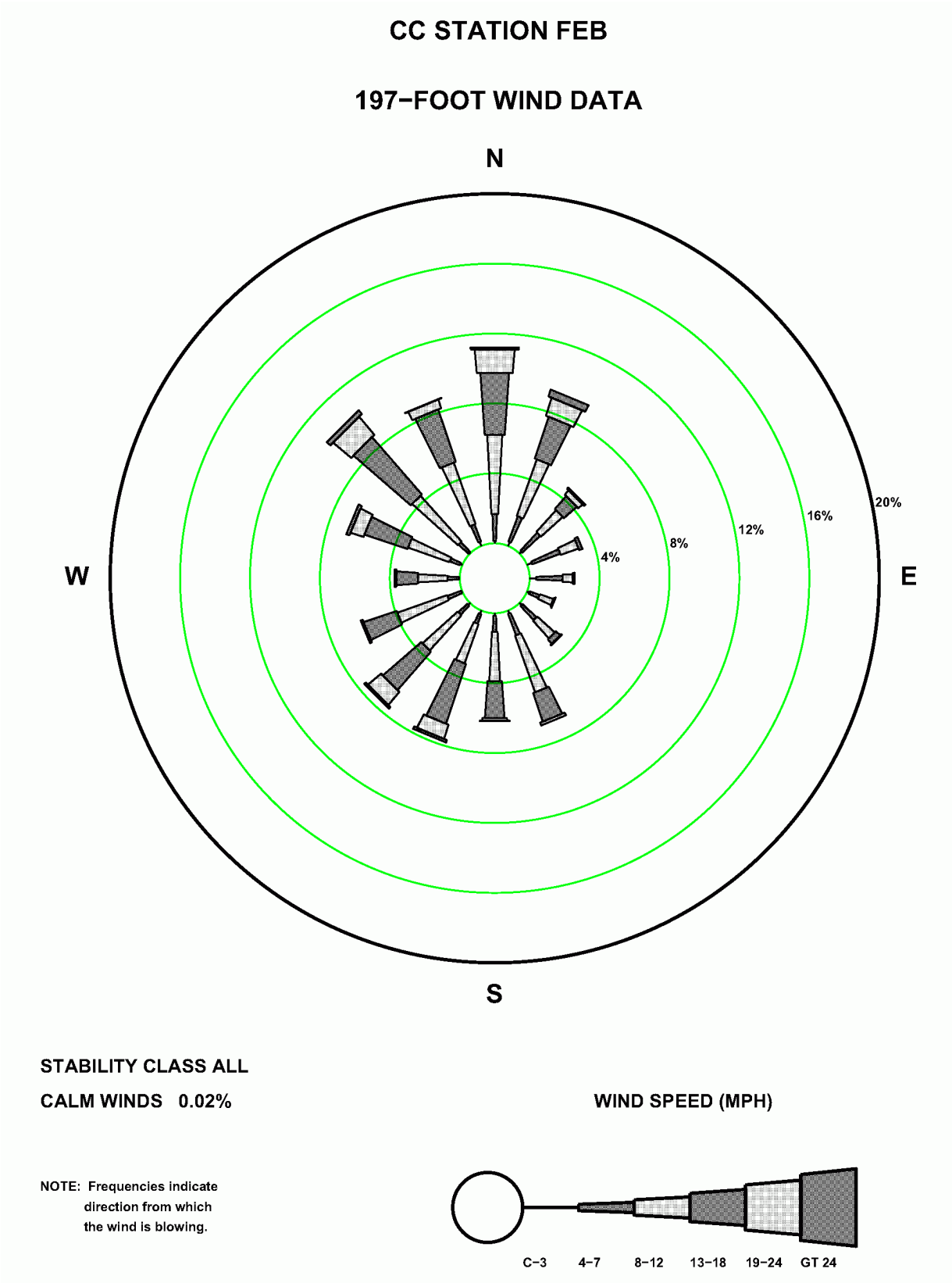

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Figure 2.7-188—CCNPP 197 ft March Wind Rose

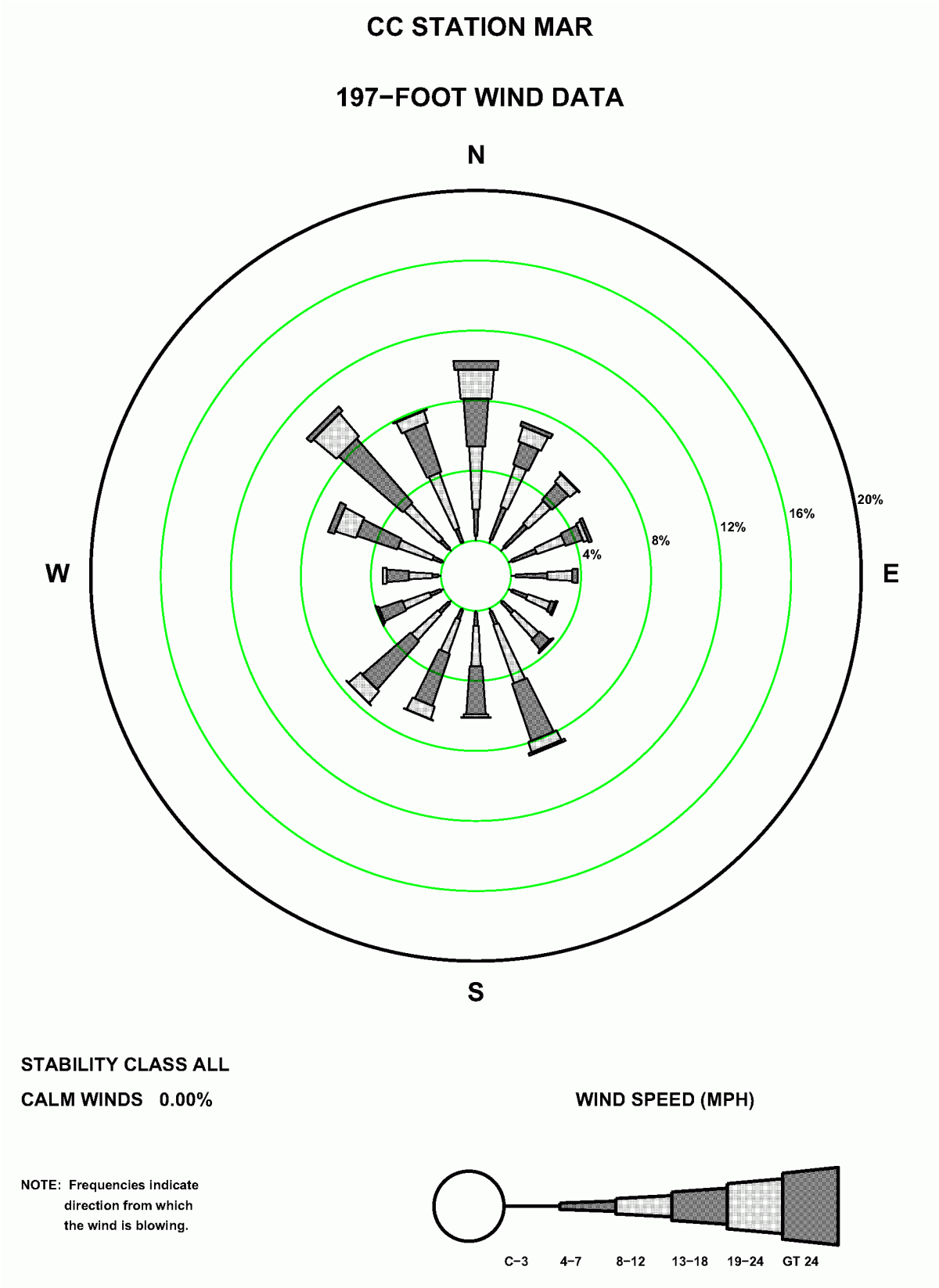

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Figure 2.7-189—CCNPP 197 ft April Wind Rose

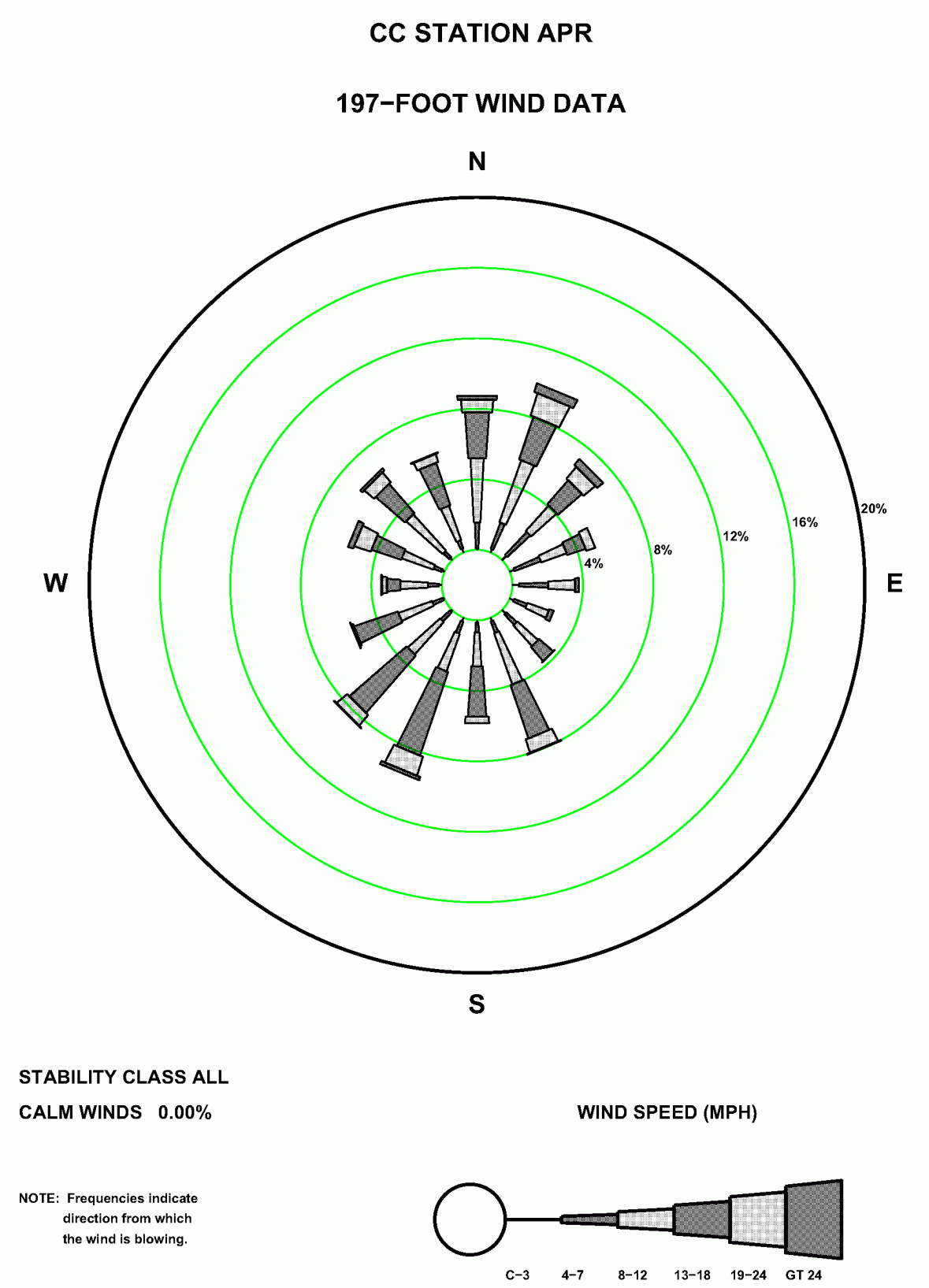

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Figure 2.7-190—CCNPP 197 ft May Wind Rose

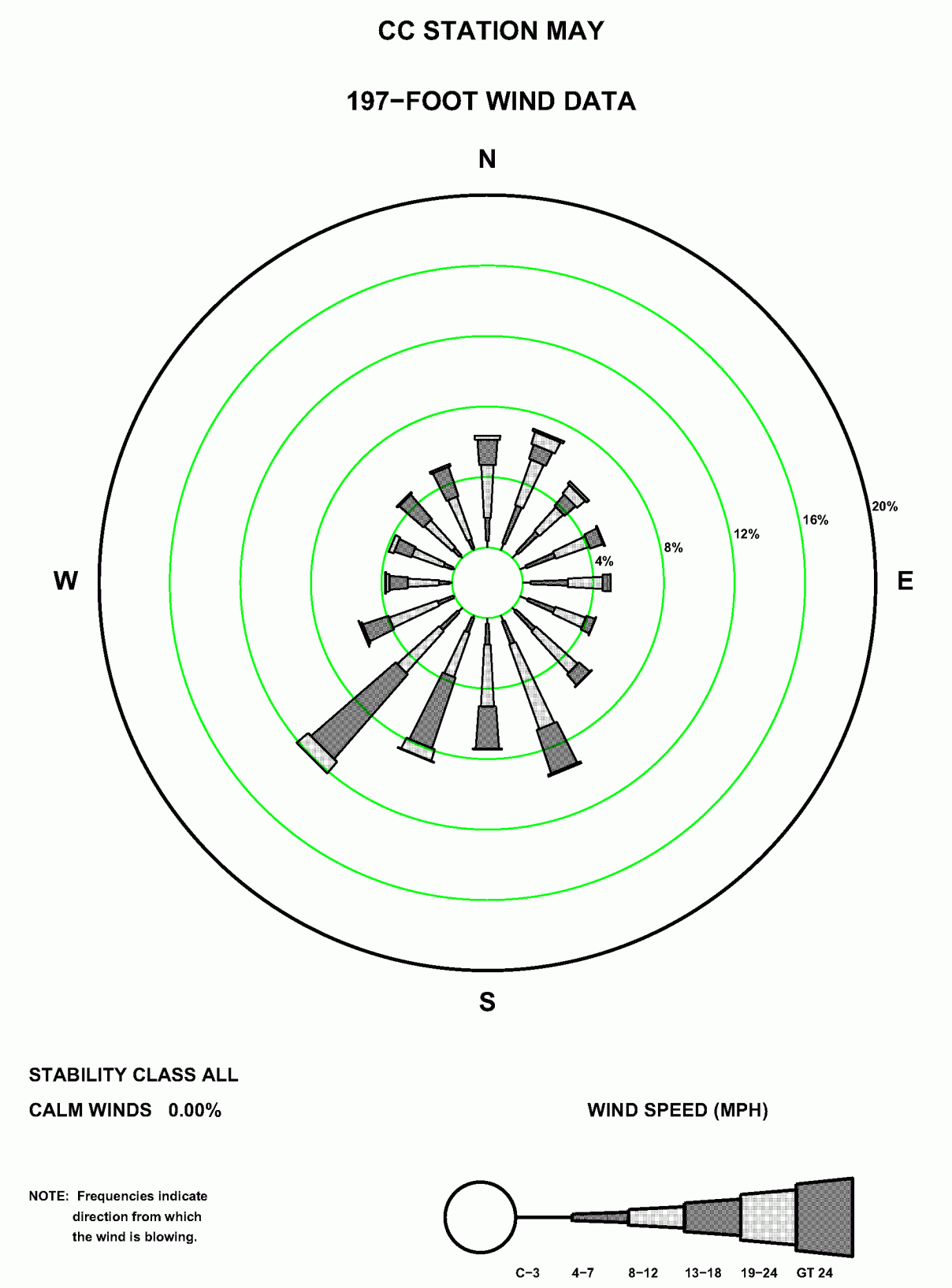

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Figure 2.7-191—CCNPP 197 ft June Wind Rose

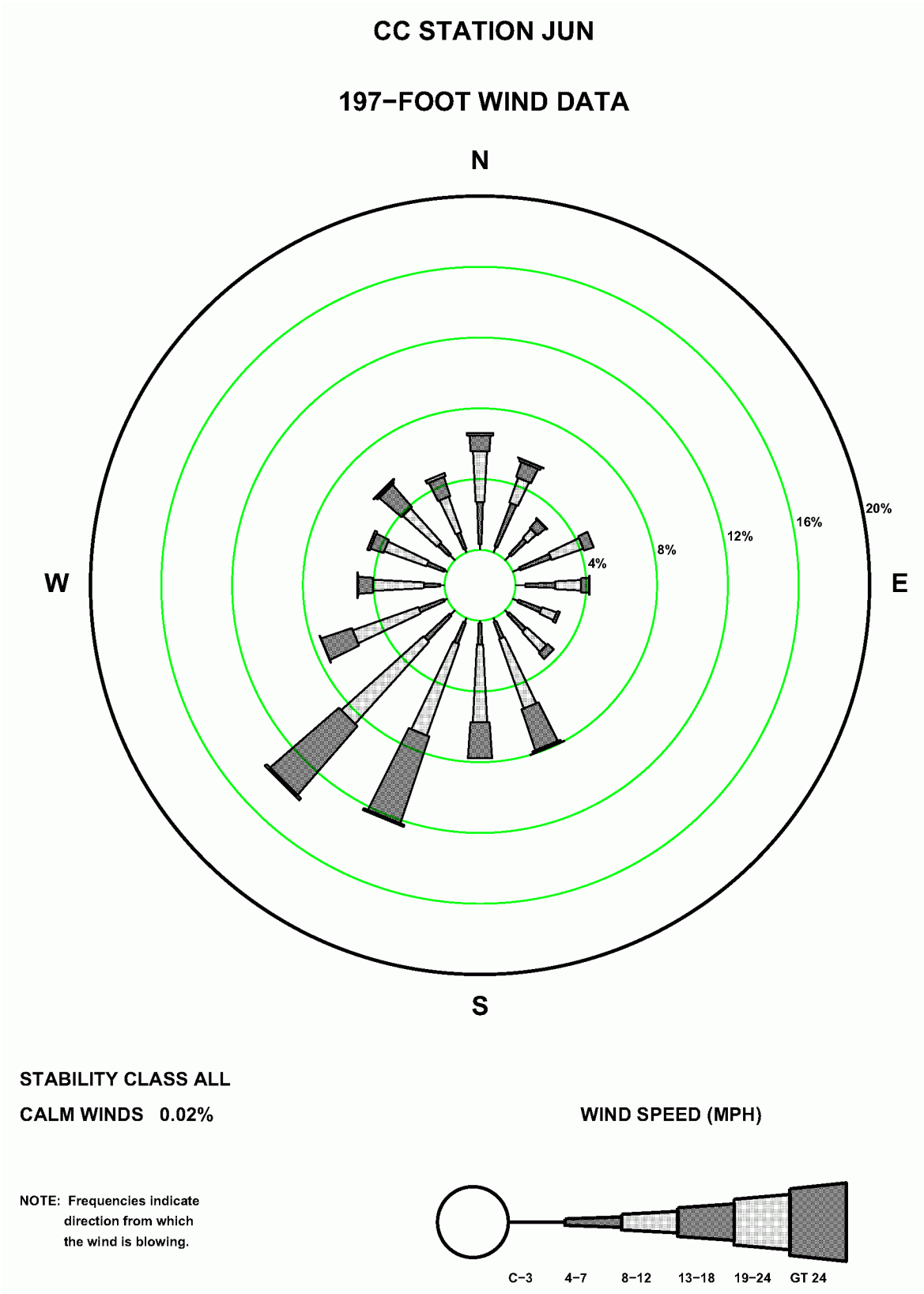

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Figure 2.7-192—CCNPP 197 ft July Wind Rose

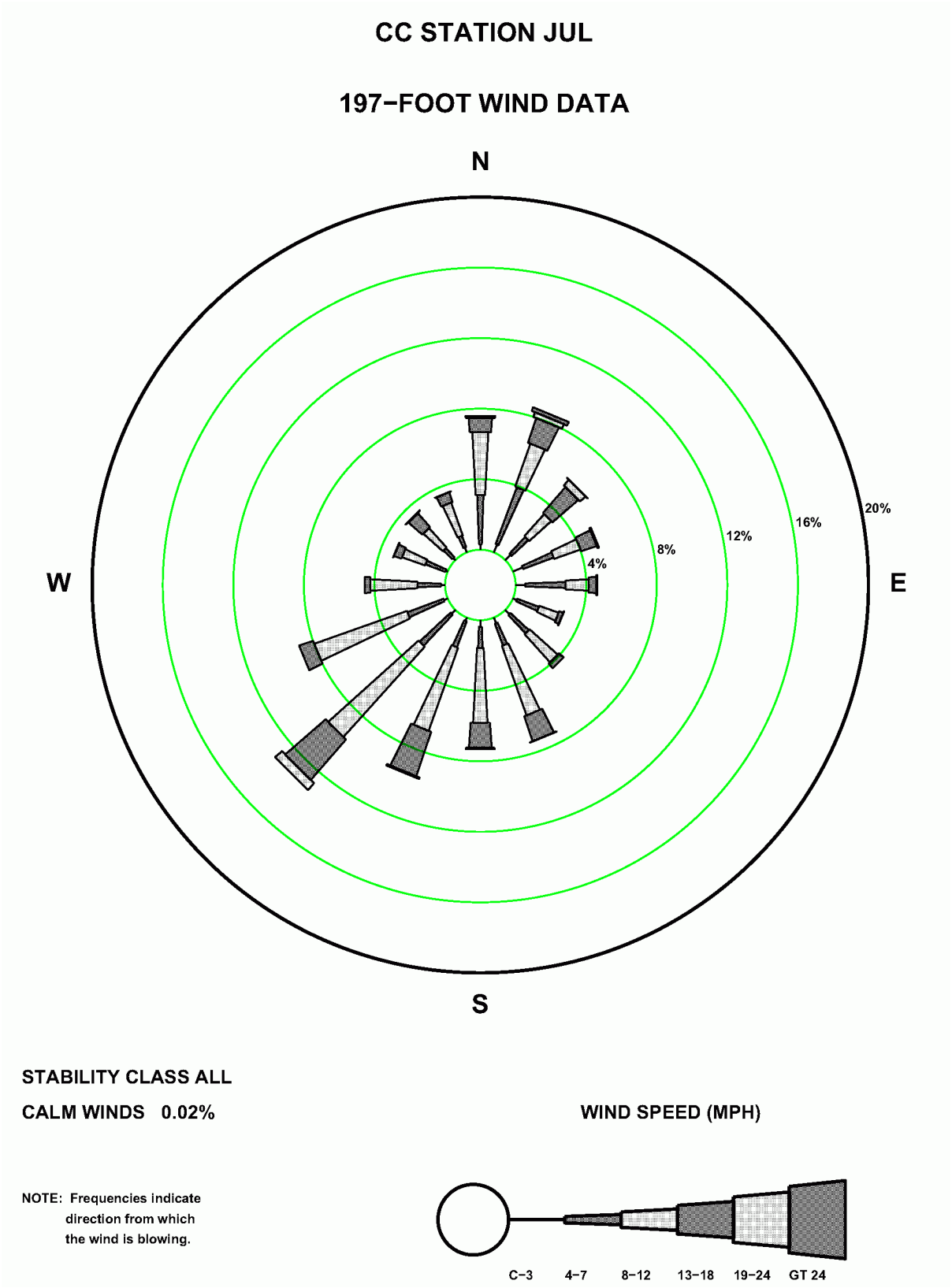

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Figure 2.7-193—CCNPP 197 ft August Wind Rose

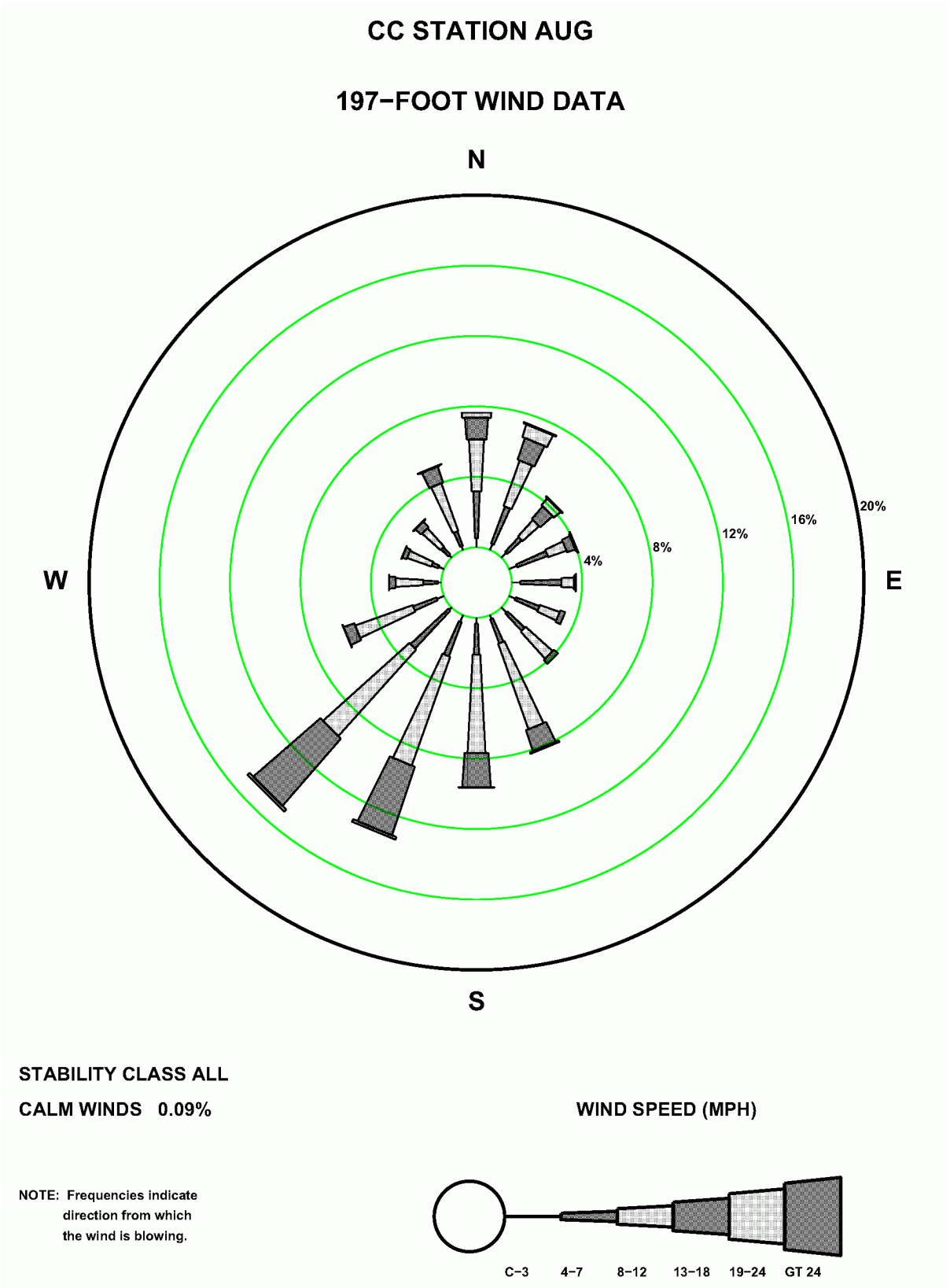

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Figure 2.7-194—CCNPP 197 ft September Wind Rose

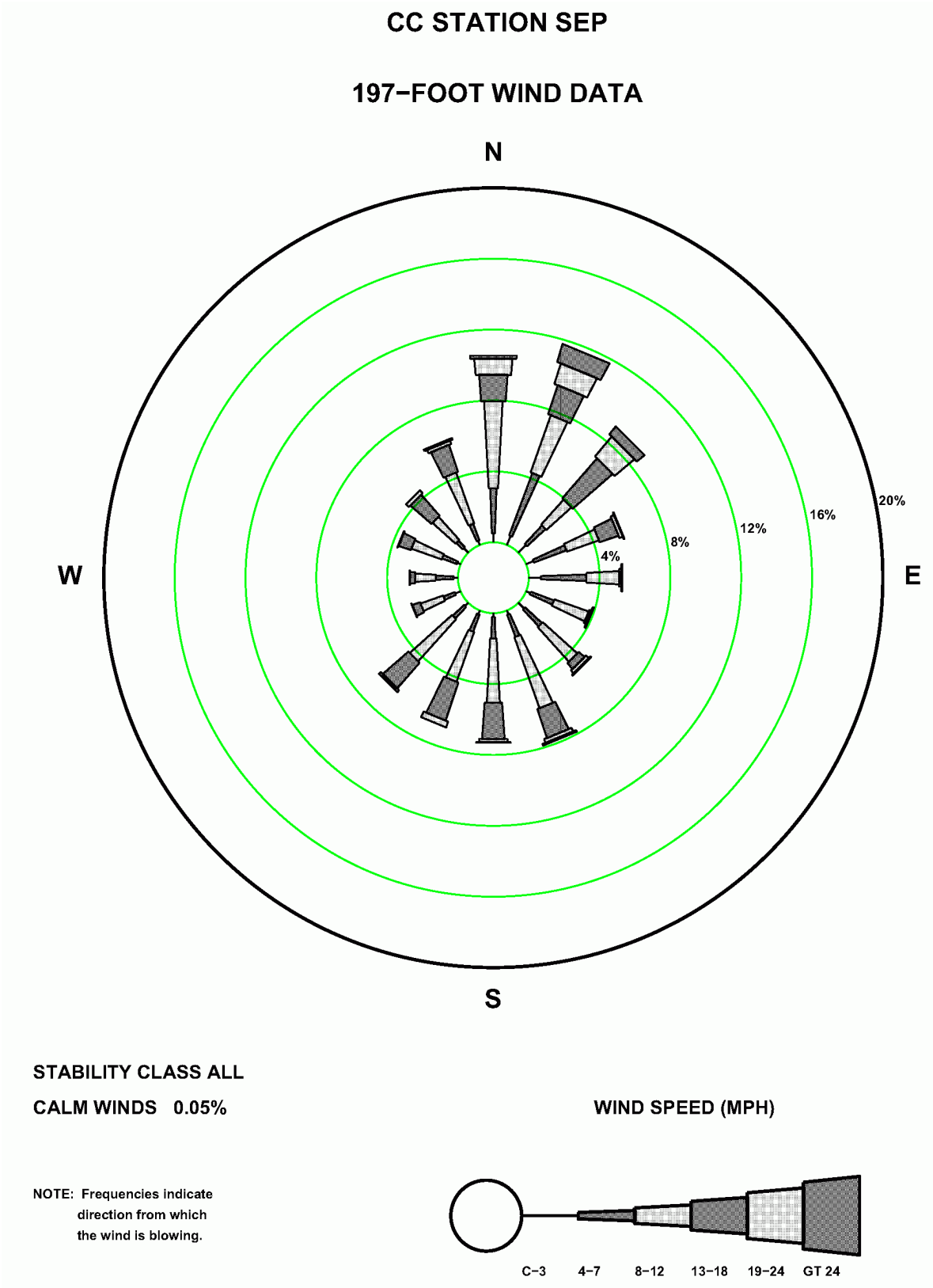

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Figure 2.7-195—CCNPP 197 ft October Wind Rose

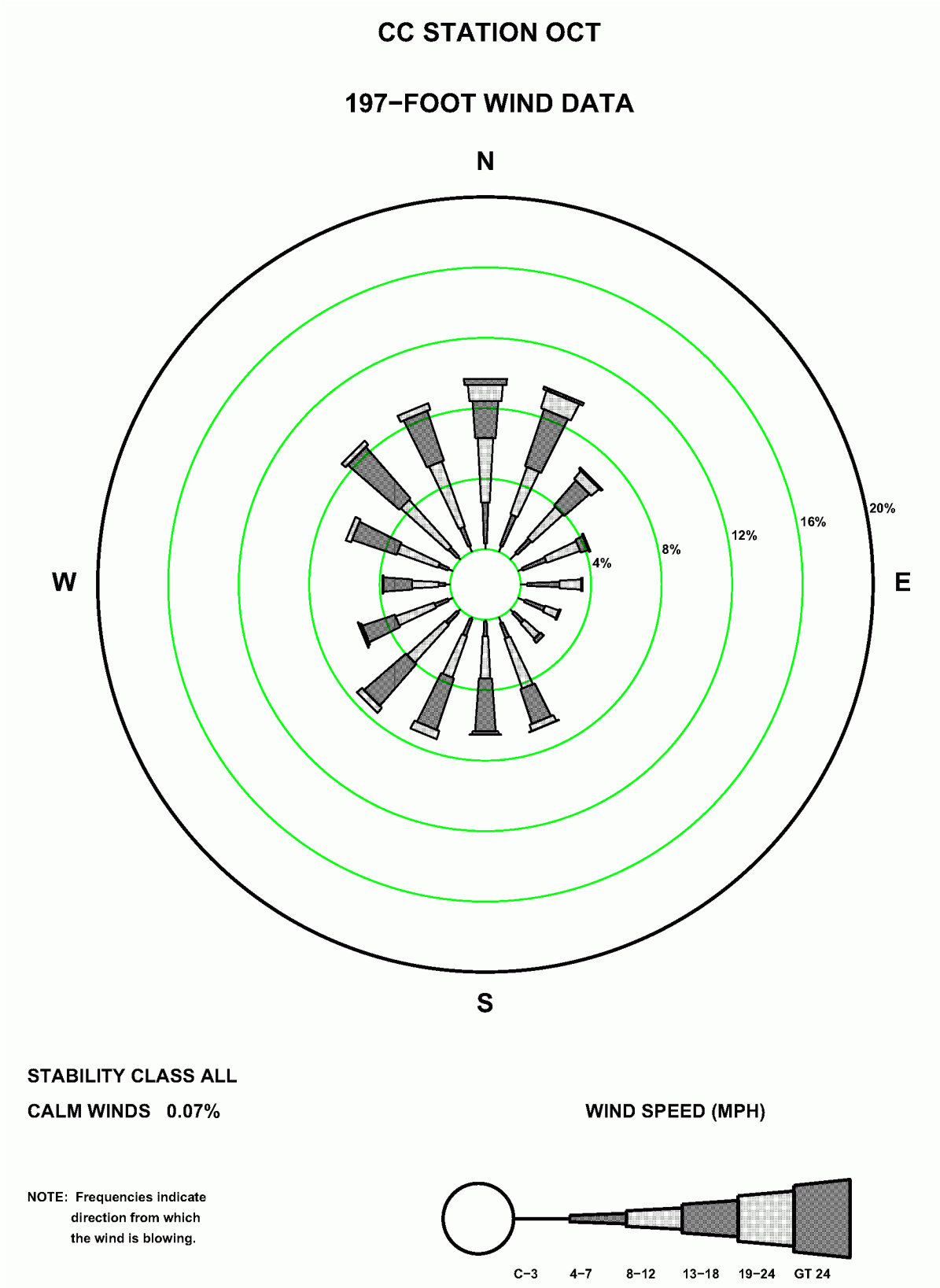

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Figure 2.7-196—CCNPP 197 ft November Wind Rose

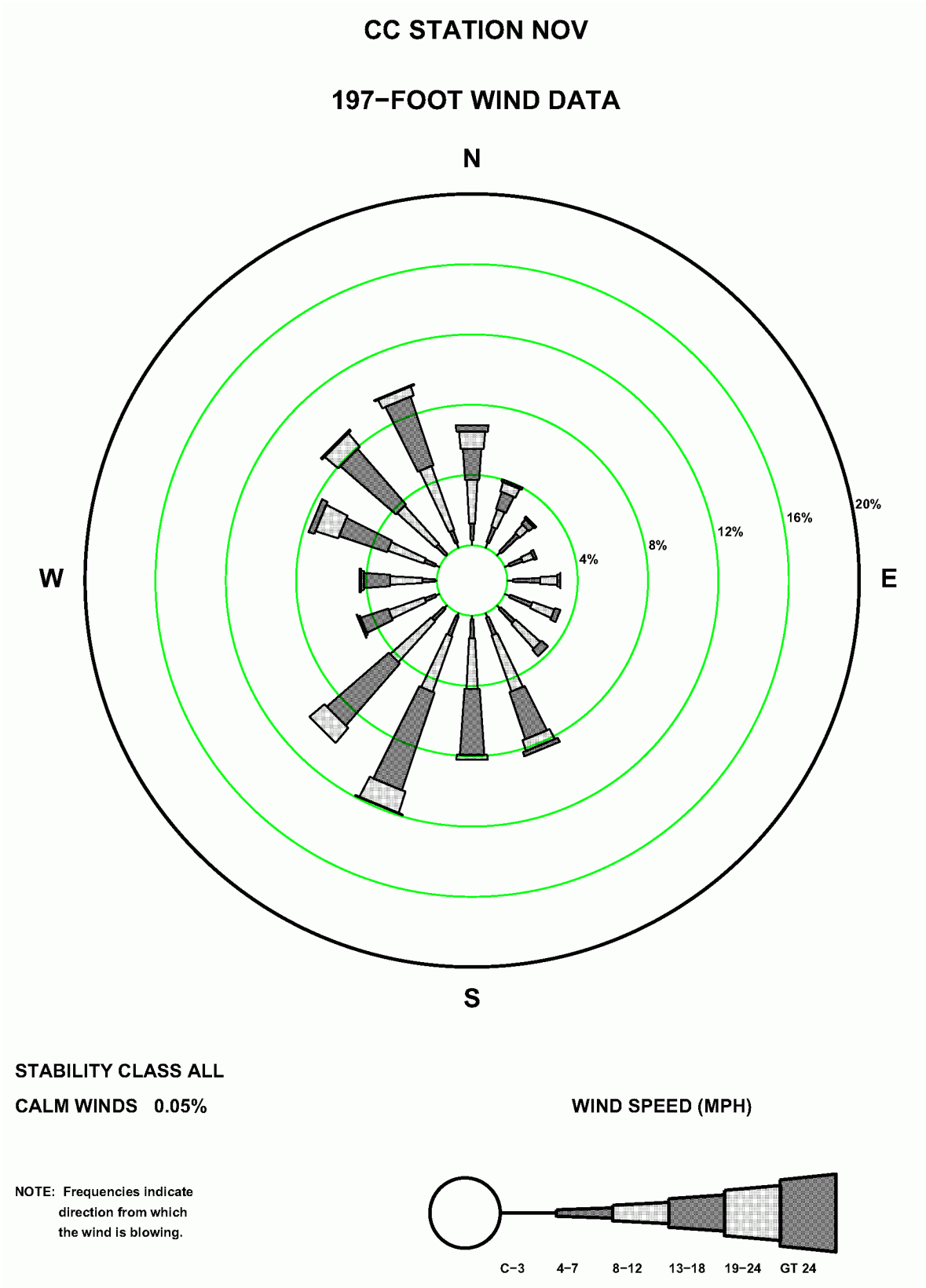

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Figure 2.7-197—CCNPP 197 ft December Wind Rose

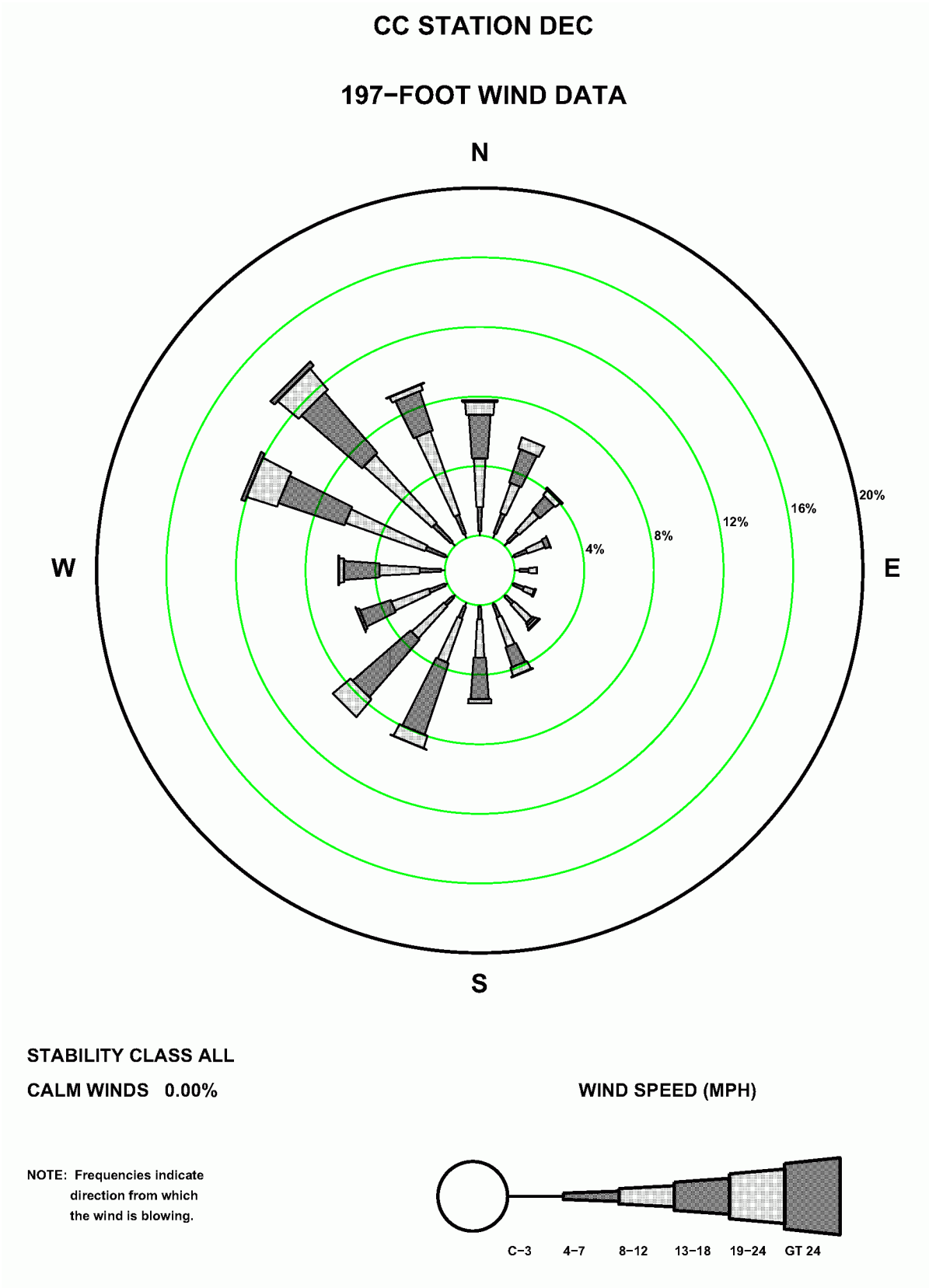

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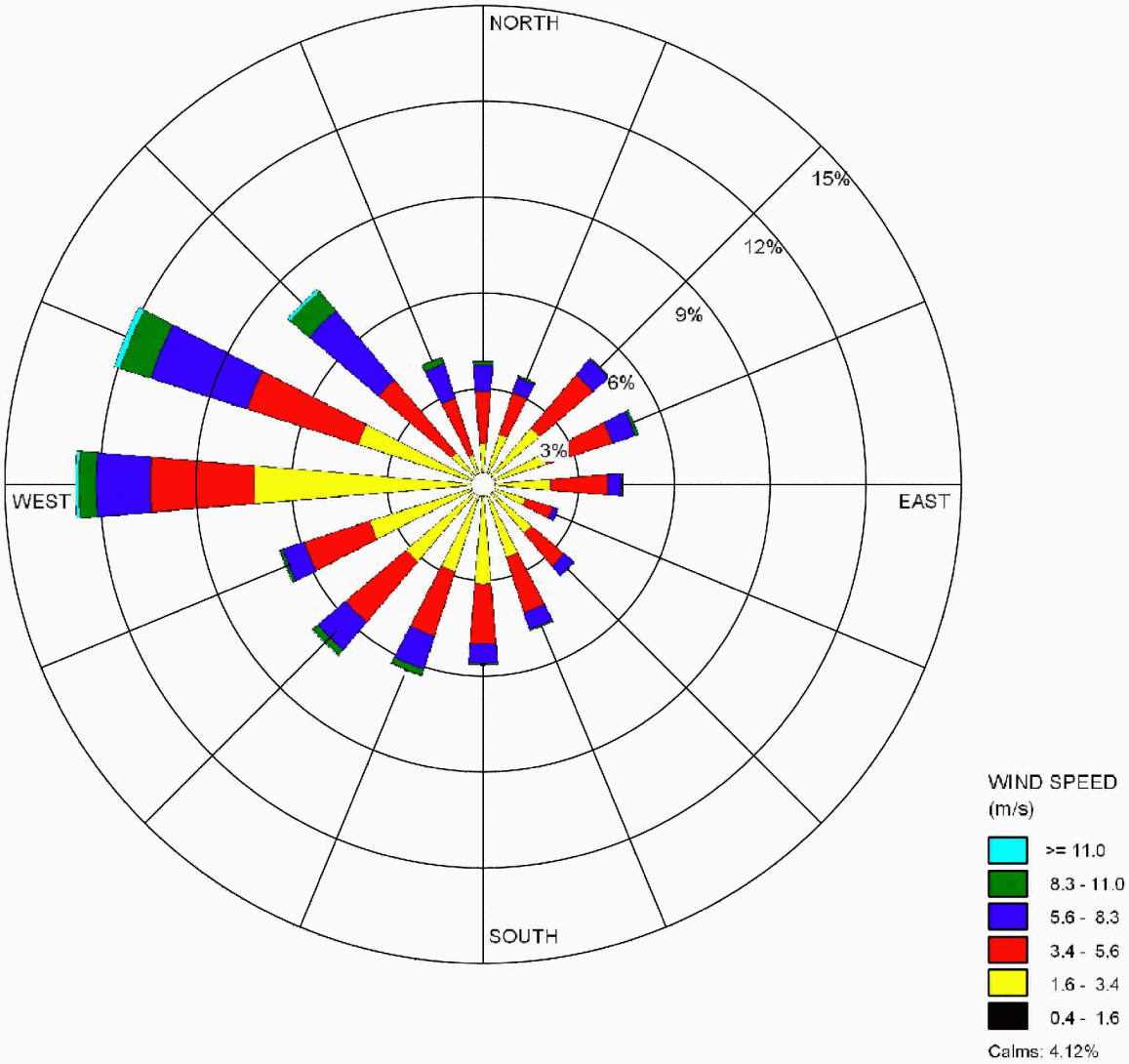
Figure 2.7-198—BWI Annual Wind Rose



DATA PERIOD:
1984,1985,1986,1987,1988,1990,1991,1992
Jan 1 – Dec 31 (00:00–23:00)

CALM WINDS:	AVG. WIND SPEED:
4.12 %	3.92 m/s
TOTAL COUNT:	DATE:
70152 hrs	1/3/2007

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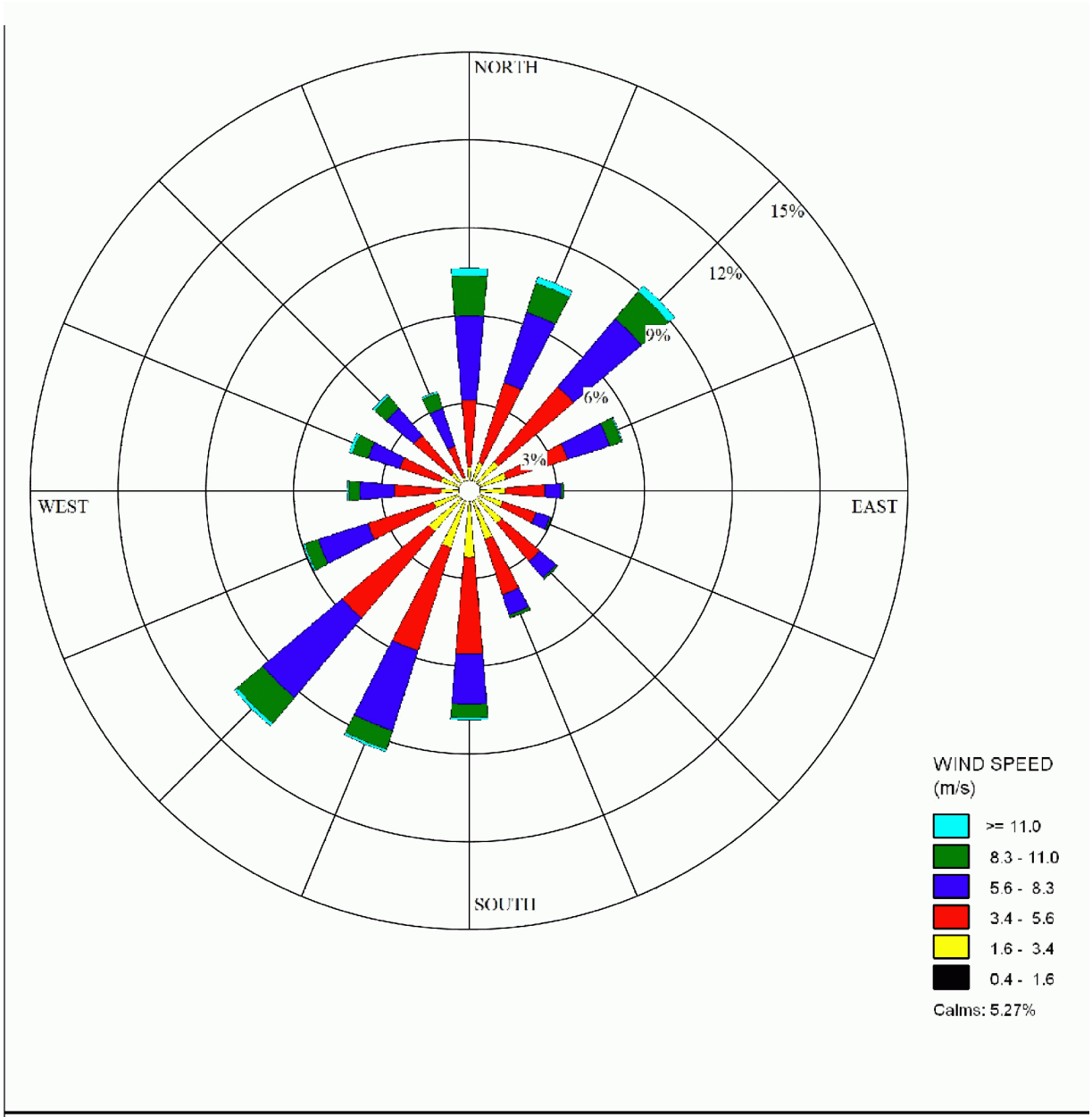
Figure 2.7-199—Norfolk Annual Wind Rose



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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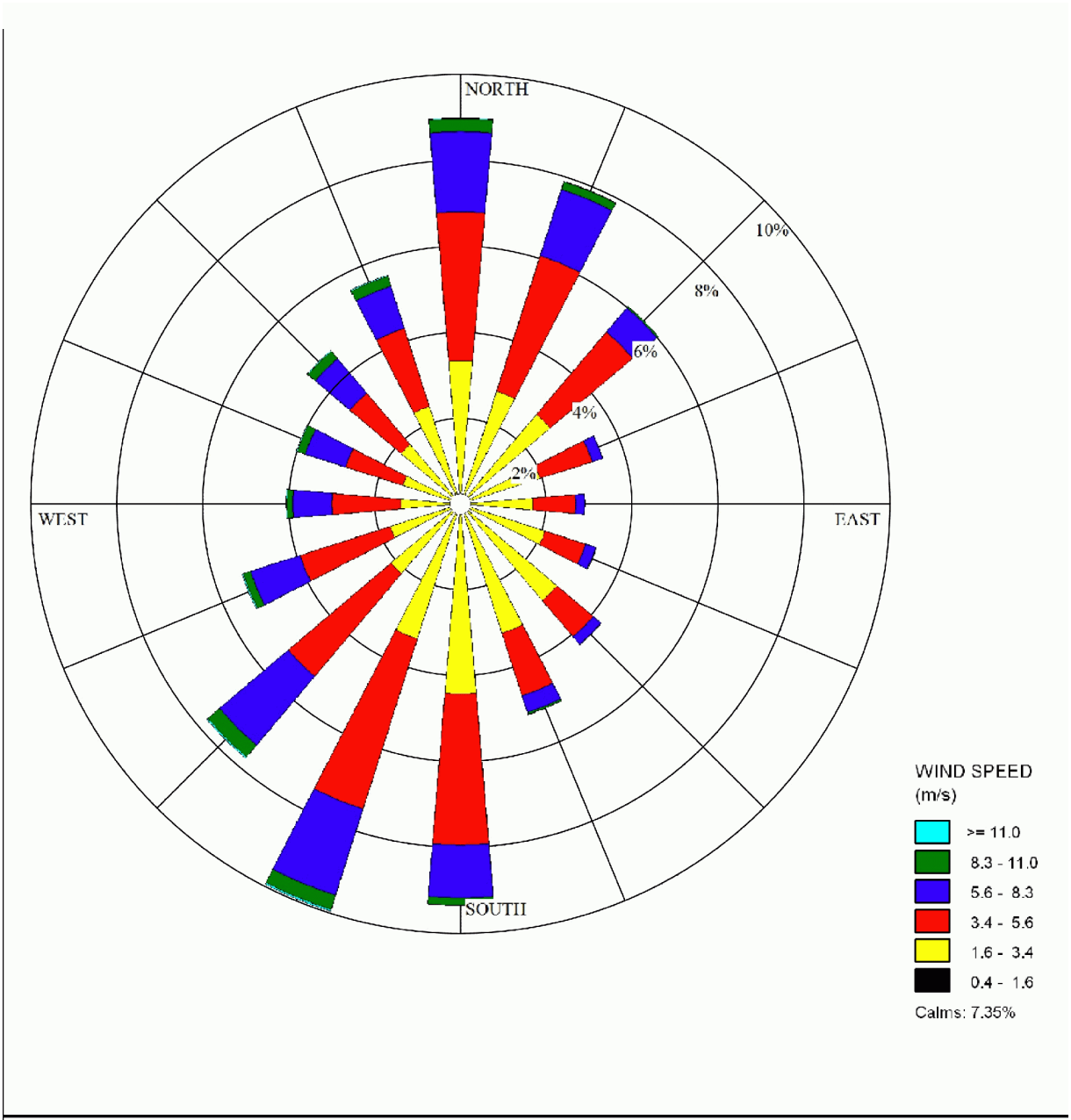
Figure 2.7-200—Richmond Annual Wind Rose



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 2.7-201—Maximum Terrain Heights 0-5 Miles Downwind of CCNPP by Compass Sector

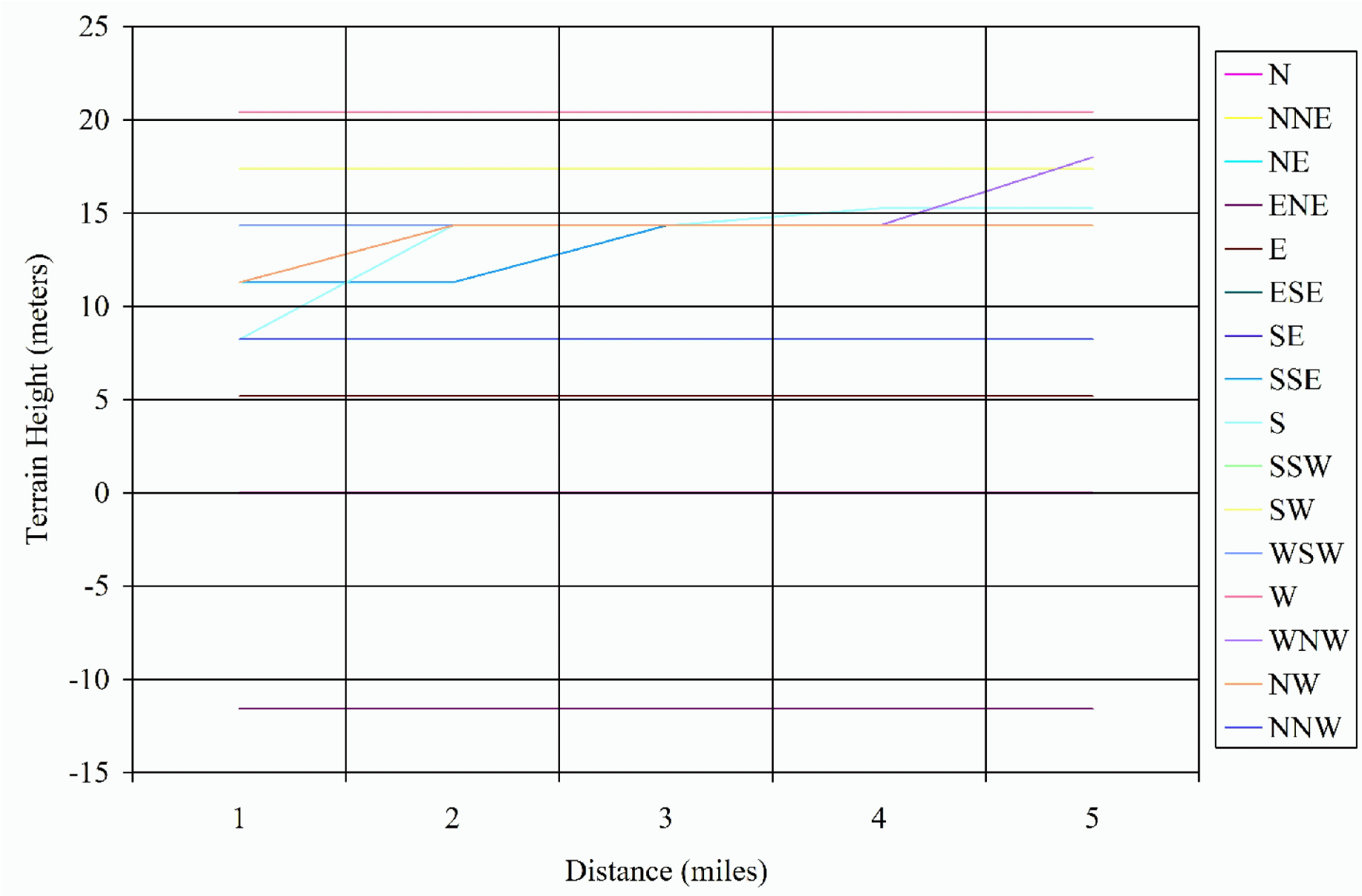

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Figure 2.7-202—Maximum Terrain Heights 0-50 Miles Downwind of CCNPP by Compass Sector

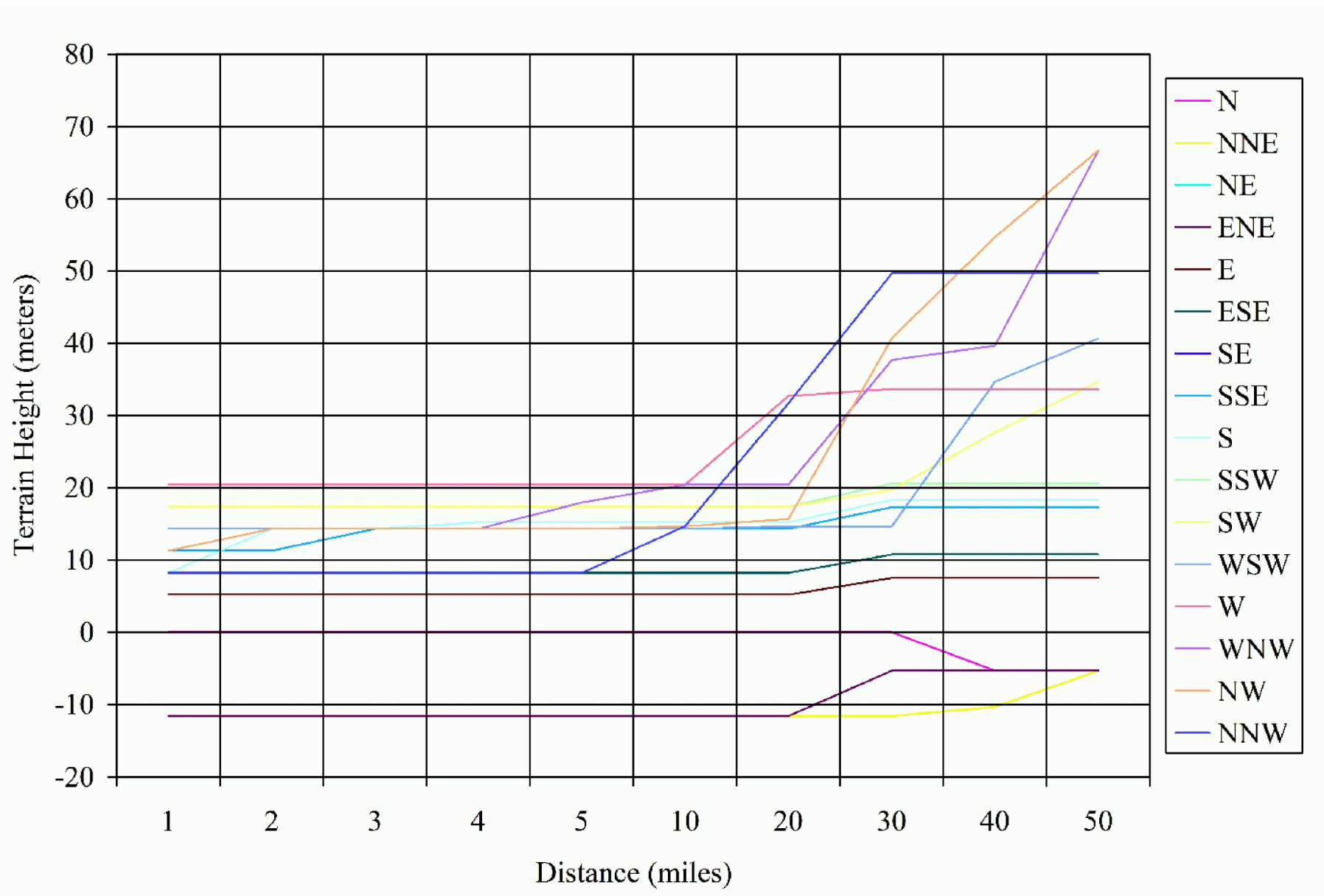

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Figure 2.7-204—Detailed Topography Within 5 mi (8-km)

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Figure 2.7-205—Topography Within 50 mi (80 km)

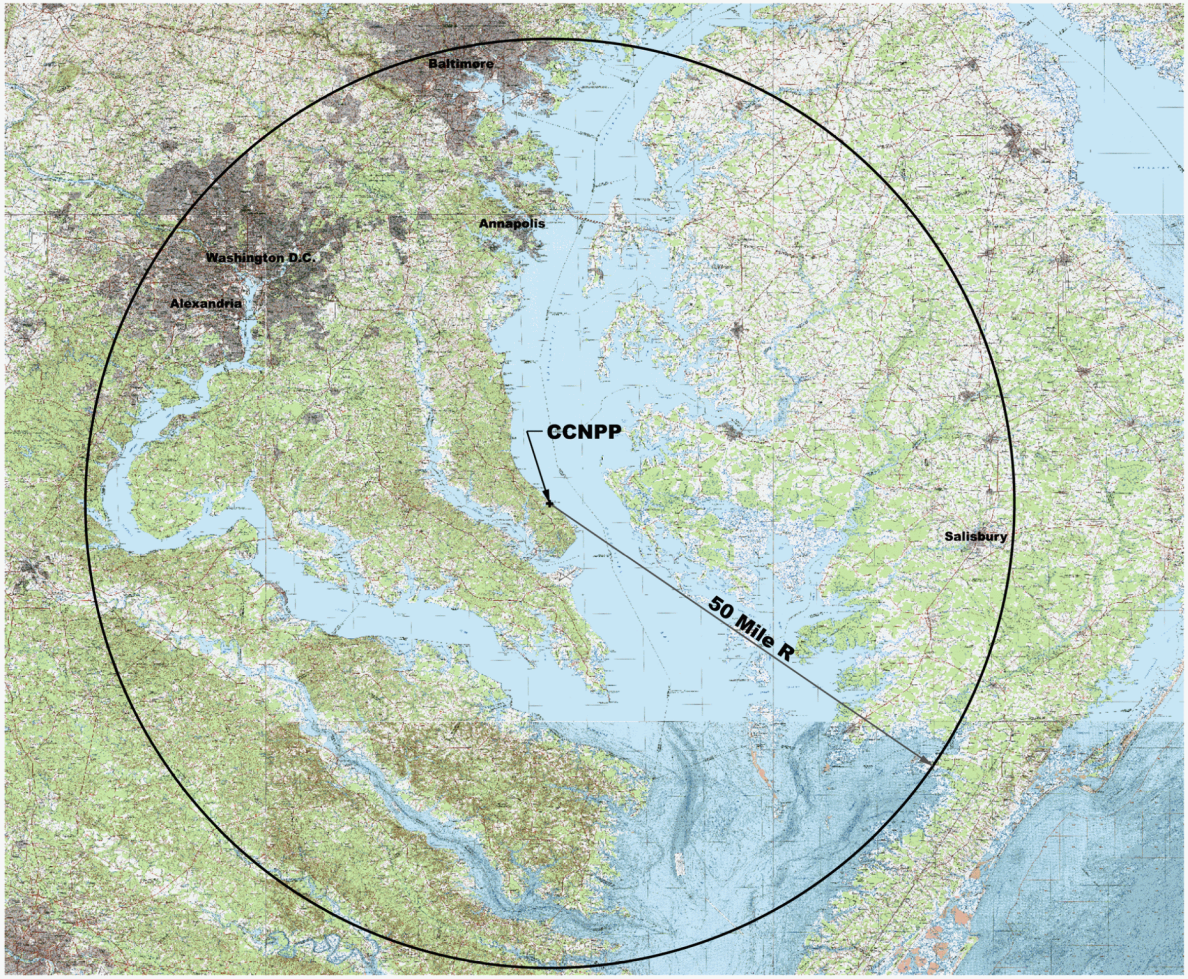

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Figure 2.7-206—Baseline Sound Survey Measurement Locations

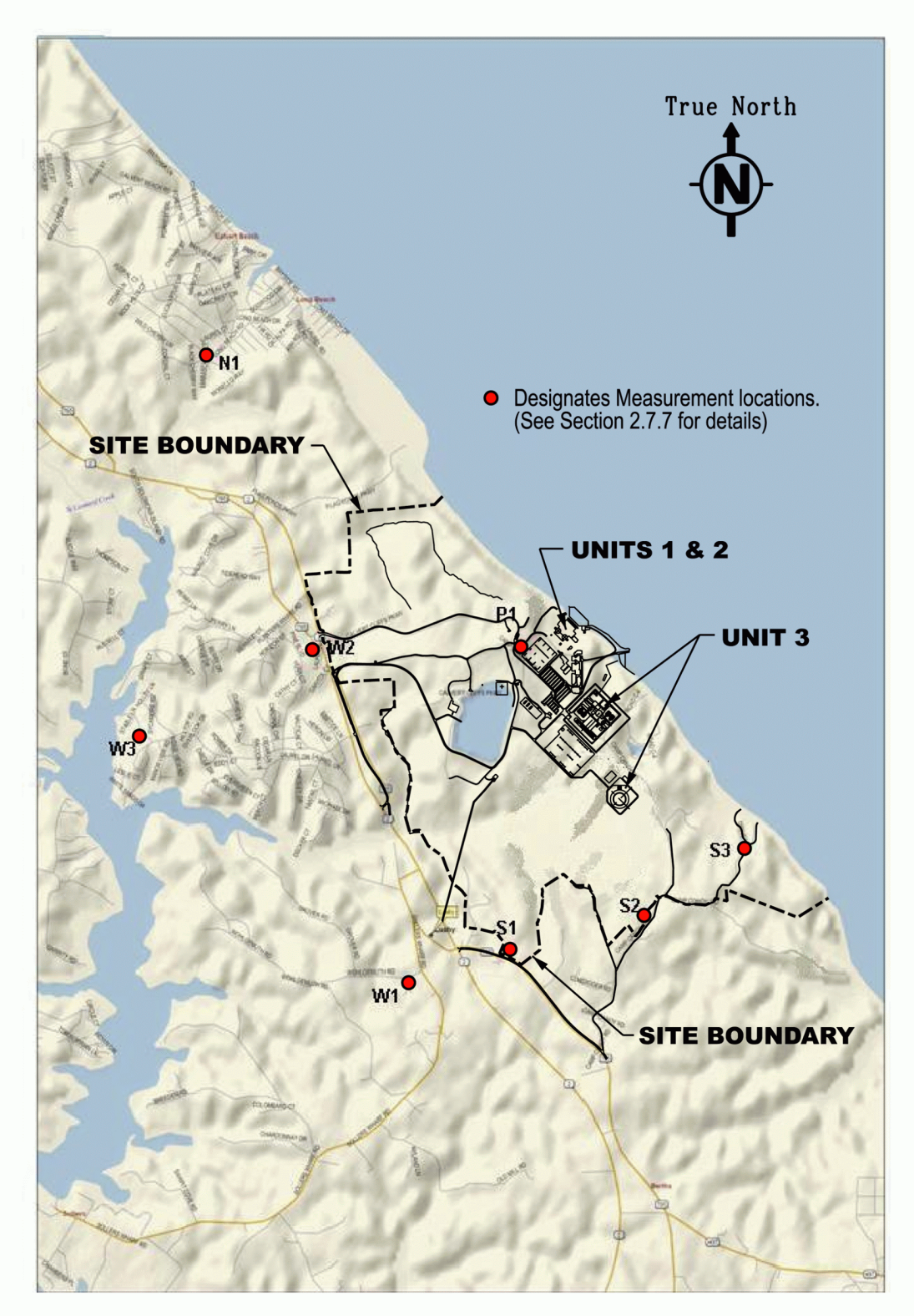

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Figure 2.7-207—Measured Hourly Residential (L90) Sound Levels at Potentially Sensitive Receptors

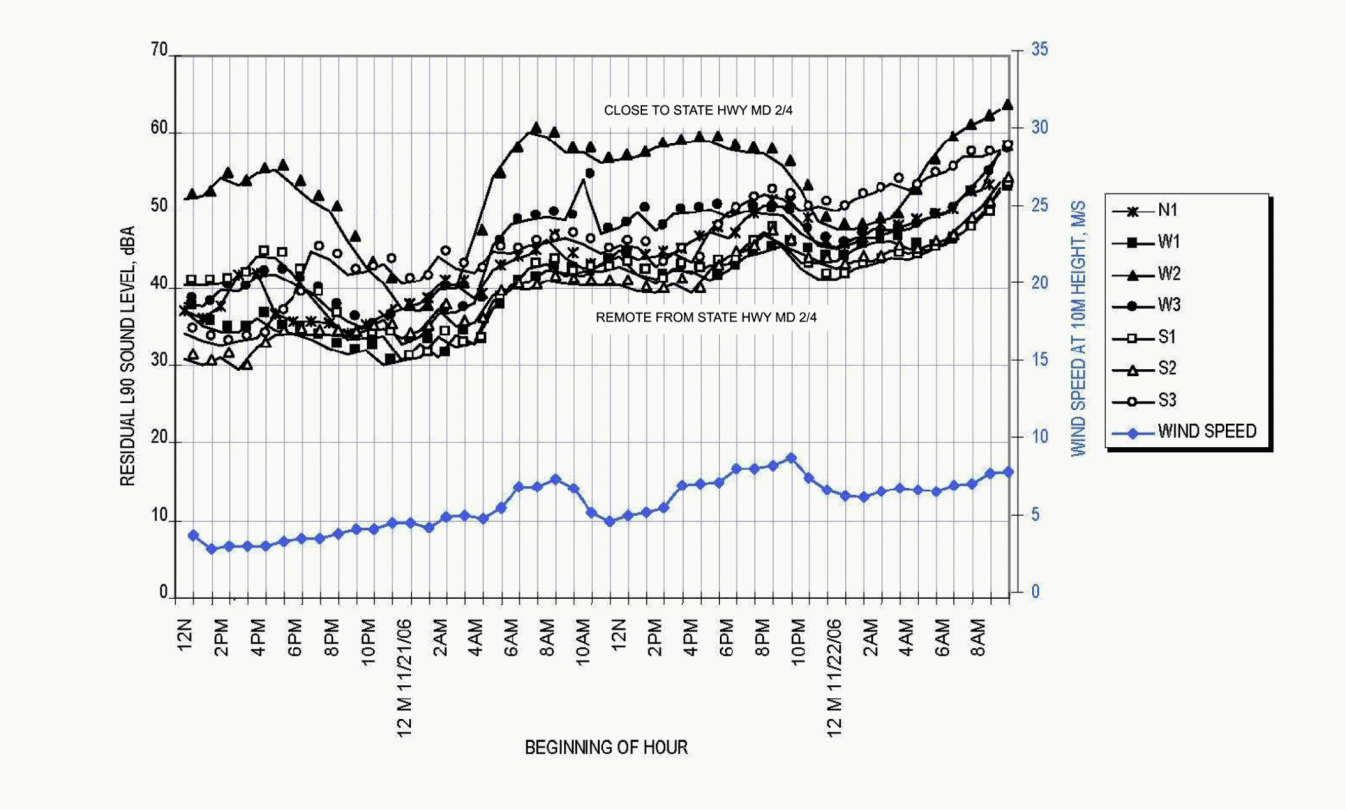

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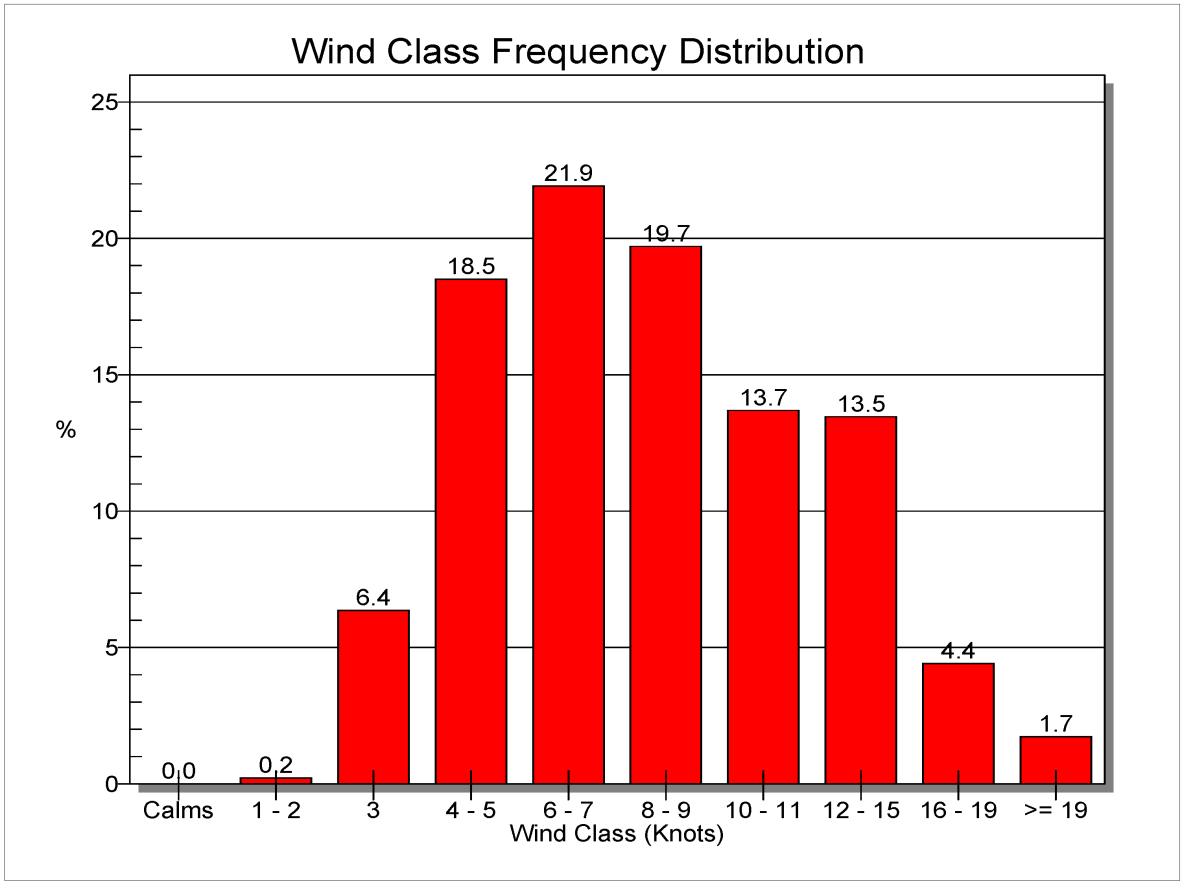
Figure 2.7-208—Patuxent River NAS Wind Spped Class Frequency Distribution



WRPLOT View - Lakes Environmental Software

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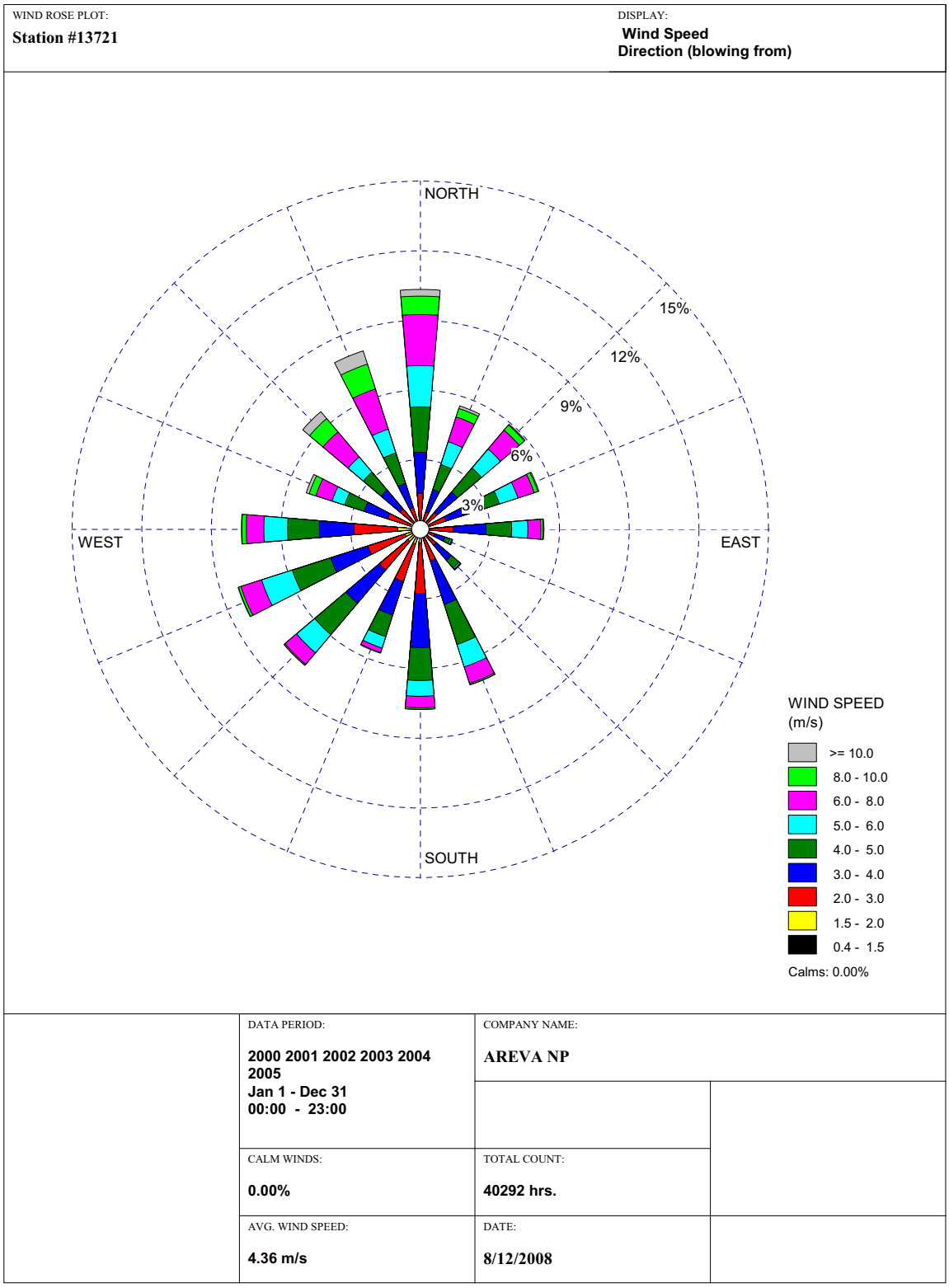
Figure 2.7-209—Patuxent River NAS Annual Wind Rose



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