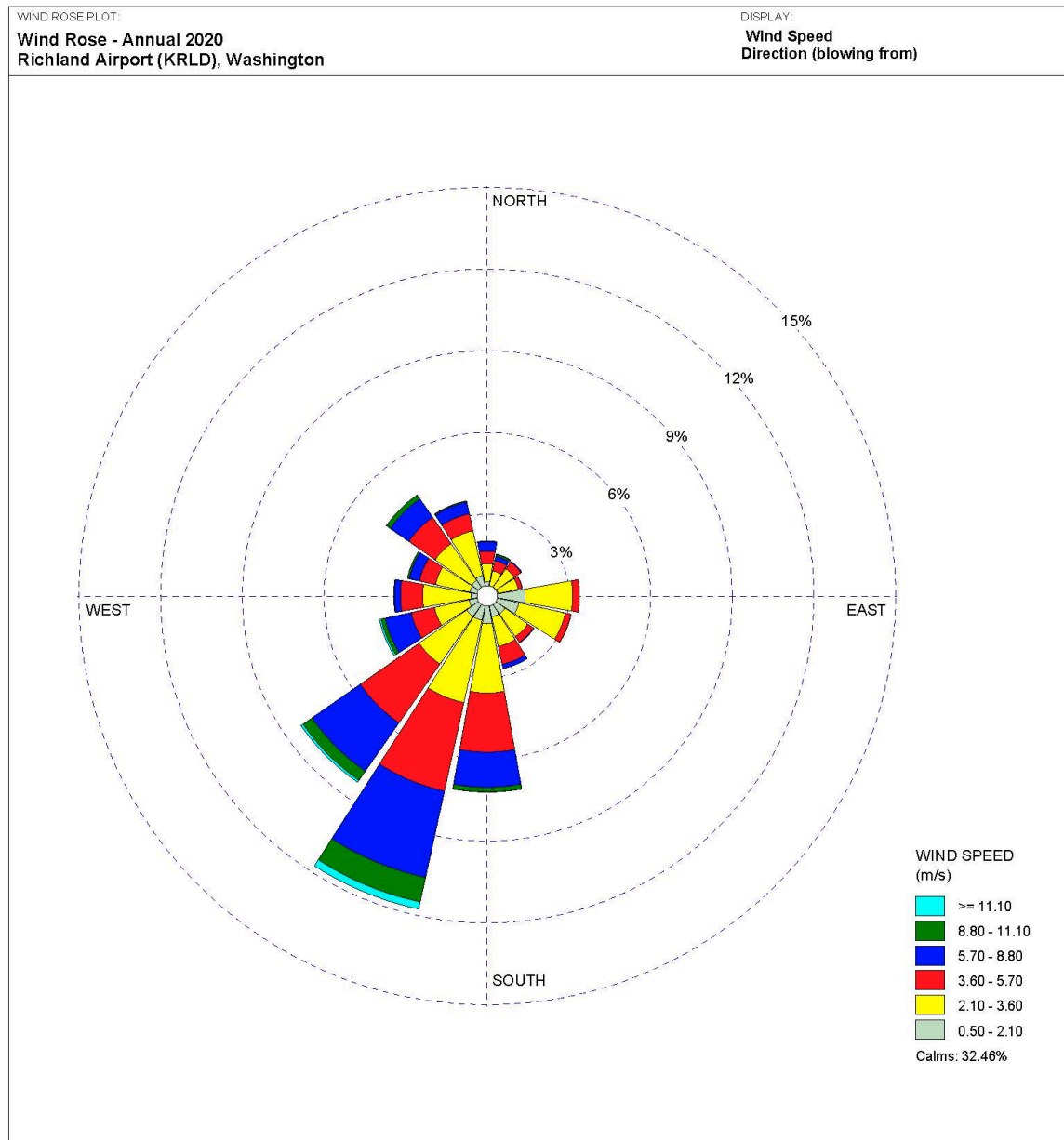


## Attachment Air-2 Wind and Atmospheric Stability Roses

### Wind Roses:

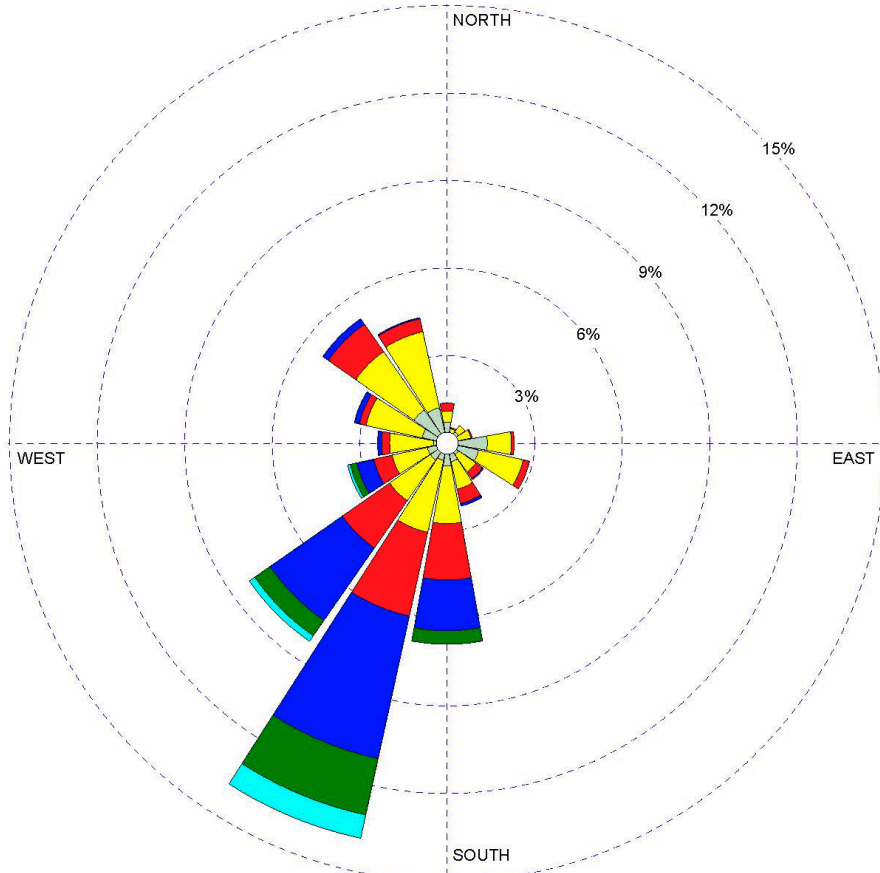


WIND ROSE PLOT:

Wind Rose - Winter 2020 (January, February, December)  
Richland Airport (KRLD), Washington

DISPLAY:

Wind Speed  
Direction (blowing from)



WIND SPEED  
(m/s)

$\geq 11.10$   
8.80 - 11.10  
5.70 - 8.80  
3.60 - 5.70  
2.10 - 3.60  
0.50 - 2.10

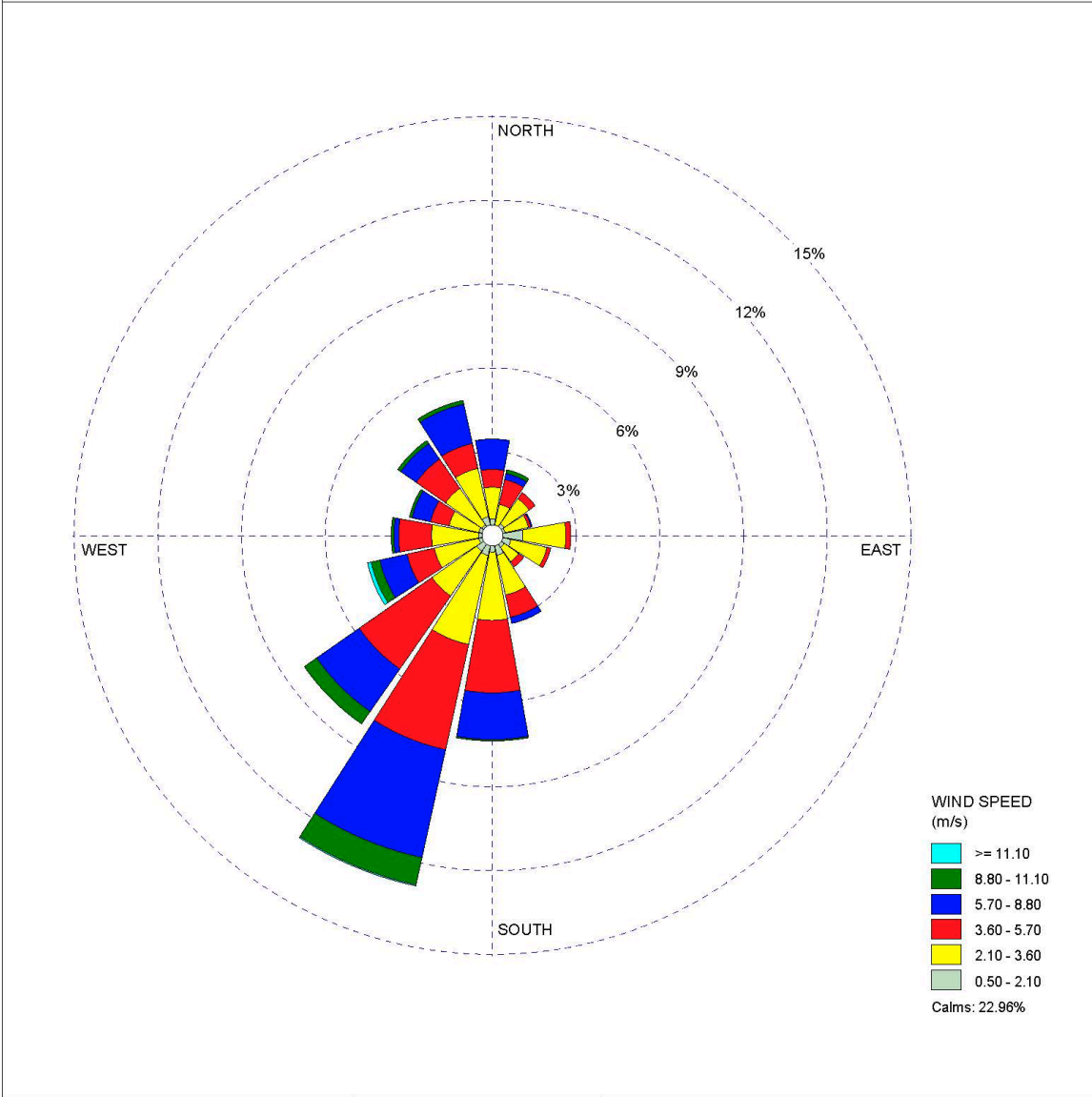
Calms: 38.46%

WIND ROSE PLOT:

Wind Rose - Spring 2020 (March, April, May)  
Richland Airport (KRLD), Washington

DISPLAY:

Wind Speed  
Direction (blowing from)

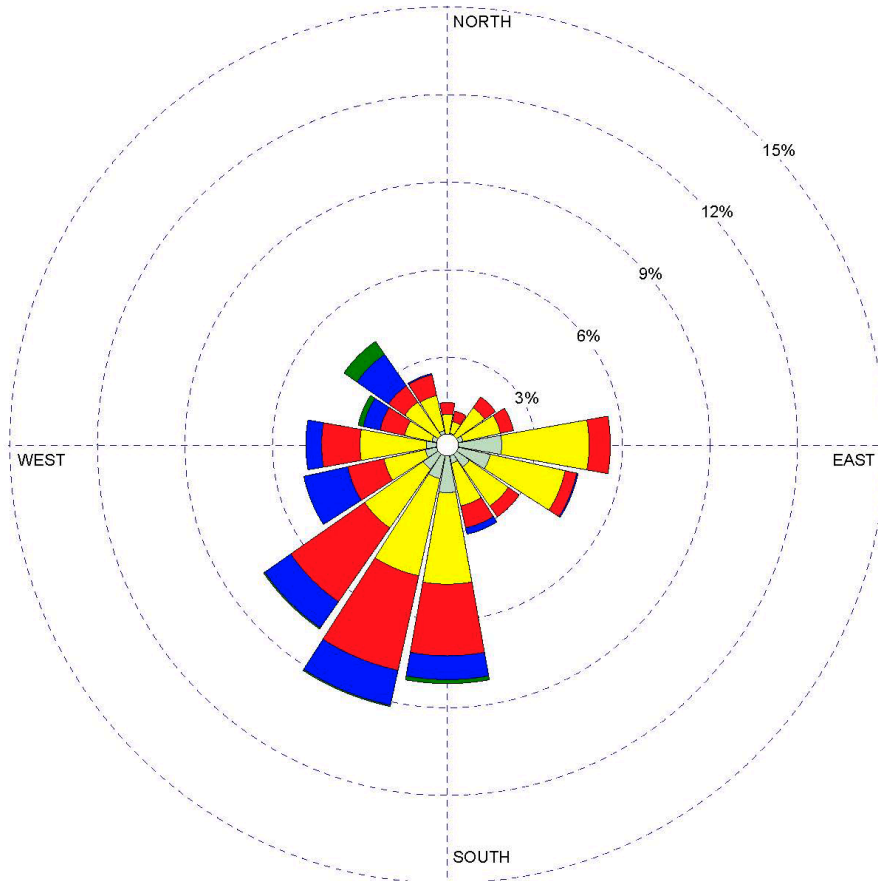


WIND ROSE PLOT:

Wind Rose - Summer 2020 (June, July, August)  
Richland Airport (KRLD), Washington

DISPLAY:

Wind Speed  
Direction (blowing from)

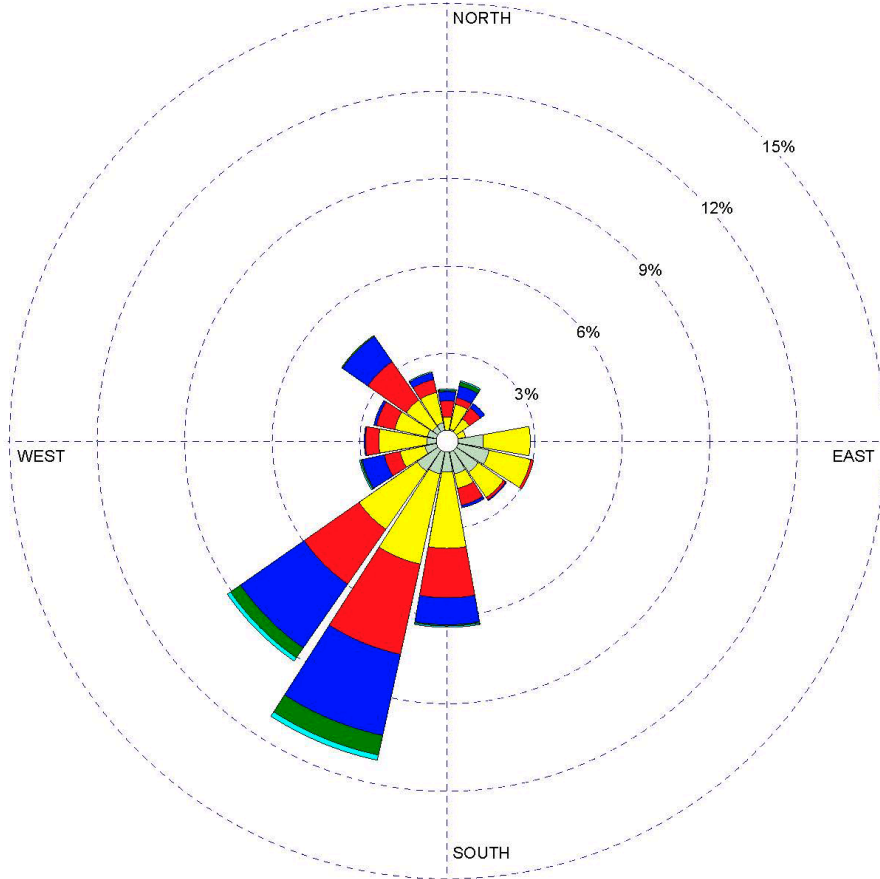


WIND ROSE PLOT:

Wind Rose - Fall 2020 (September, October, November)  
Richland Airport (KRLD), Washington

DISPLAY:

Wind Speed  
Direction (blowing from)



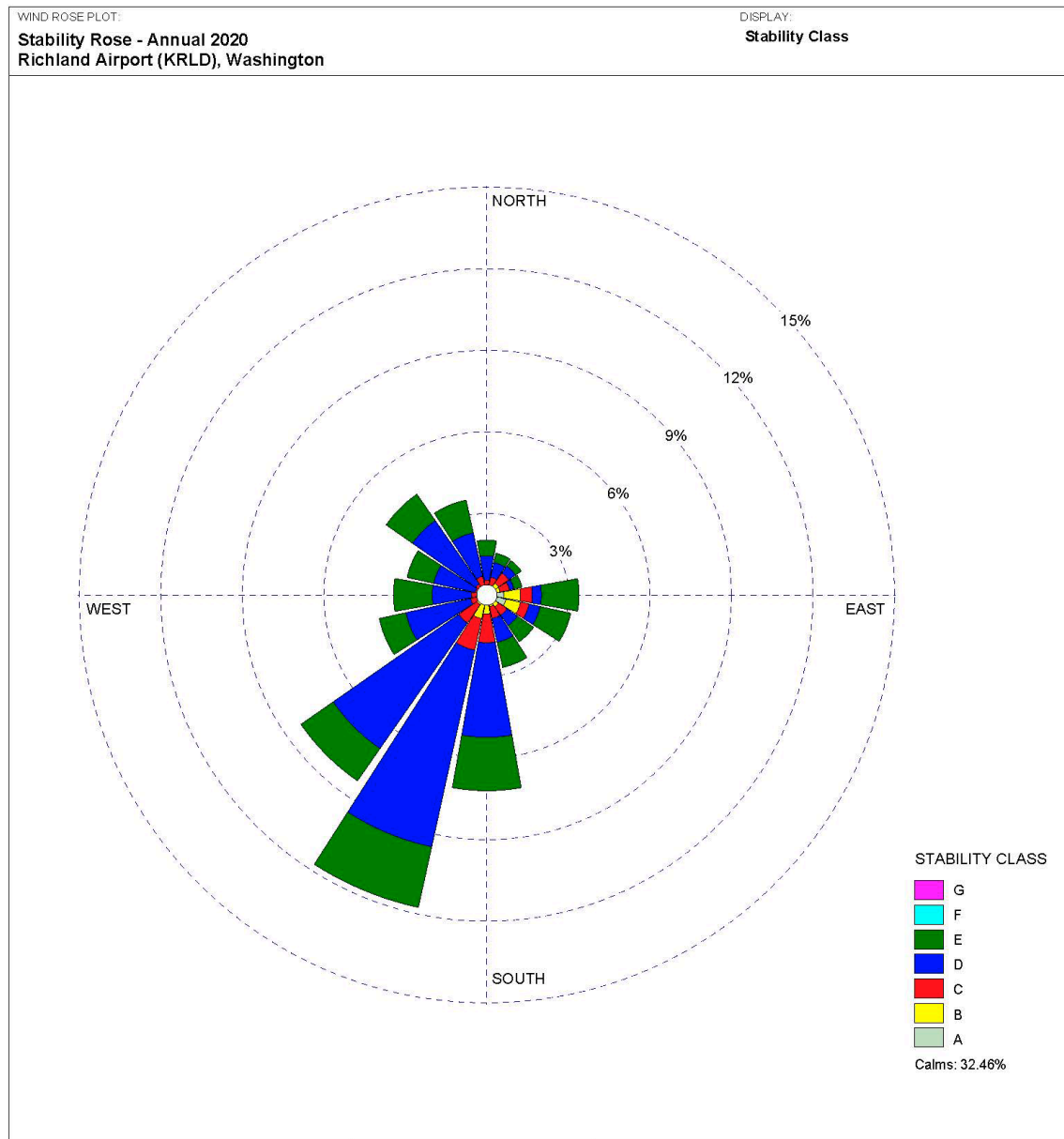
WIND SPEED  
(m/s)

>= 11.10
8.80 - 11.10
5.70 - 8.80
3.60 - 5.70
2.10 - 3.60
0.50 - 2.10

Calms: 40.84%

## Stability Roses:

Frequency of wind stability by wind direction, using Pasquill-Gifford stability classes (A – Extremely unstable, B – Moderately unstable, C – Slightly unstable, D – Neutral conditions, E – Slightly stable, F – Moderately stable, G – Extremely stable).

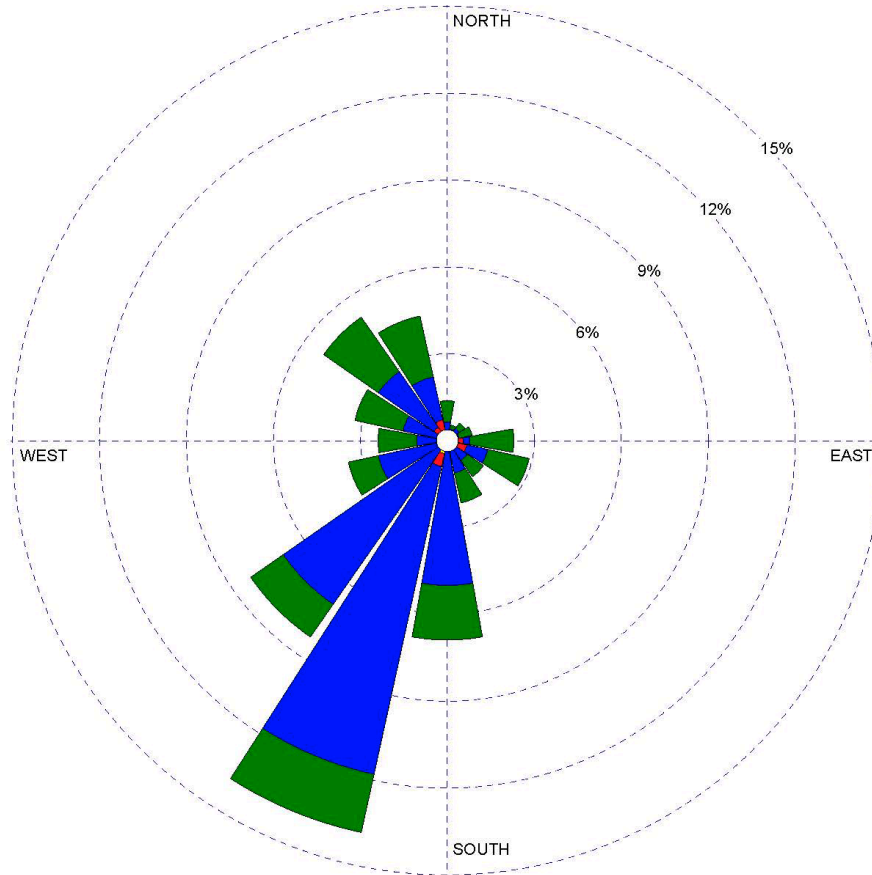


WIND ROSE PLOT:

Stability Rose - Winter 2020 (January, February, December)  
Richland Airport (KRLD), Washington

DISPLAY:

Stability Class



STABILITY CLASS

G  
F  
E  
D  
C  
B  
A

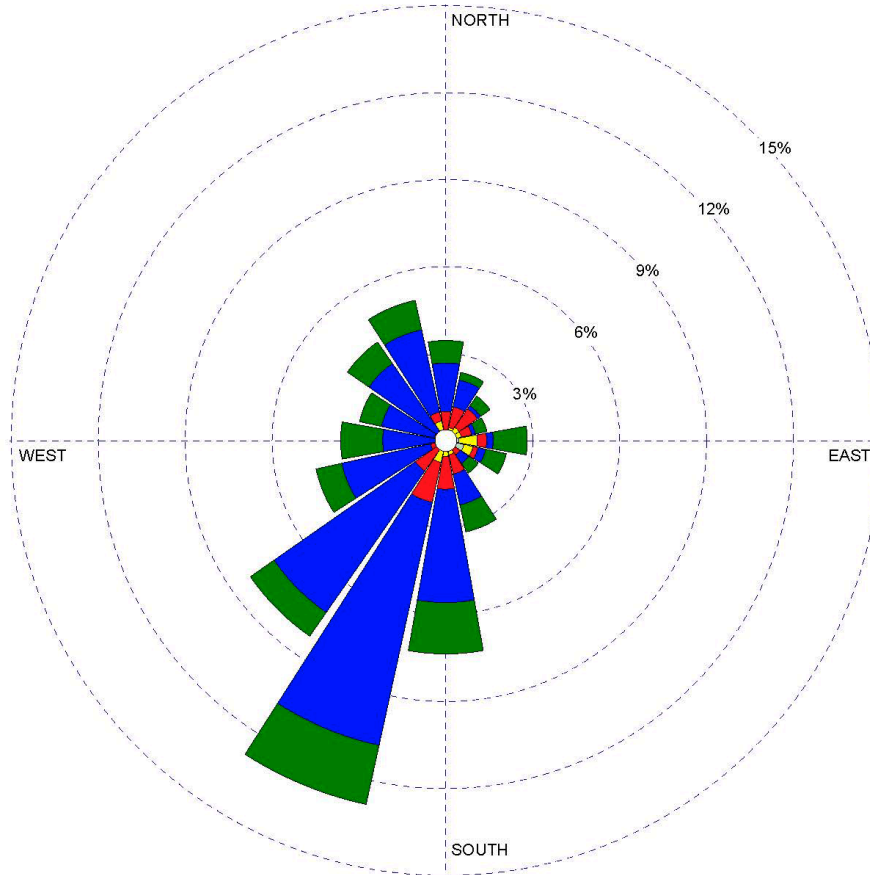
Calms: 38.46%

WIND ROSE PLOT:

Stability Rose - Spring 2020 (March, April, May)  
Richland Airport (KRLD), Washington

DISPLAY:

Stability Class



STABILITY CLASS

G  
F  
E  
D  
C  
B  
A

Calms: 22.96%

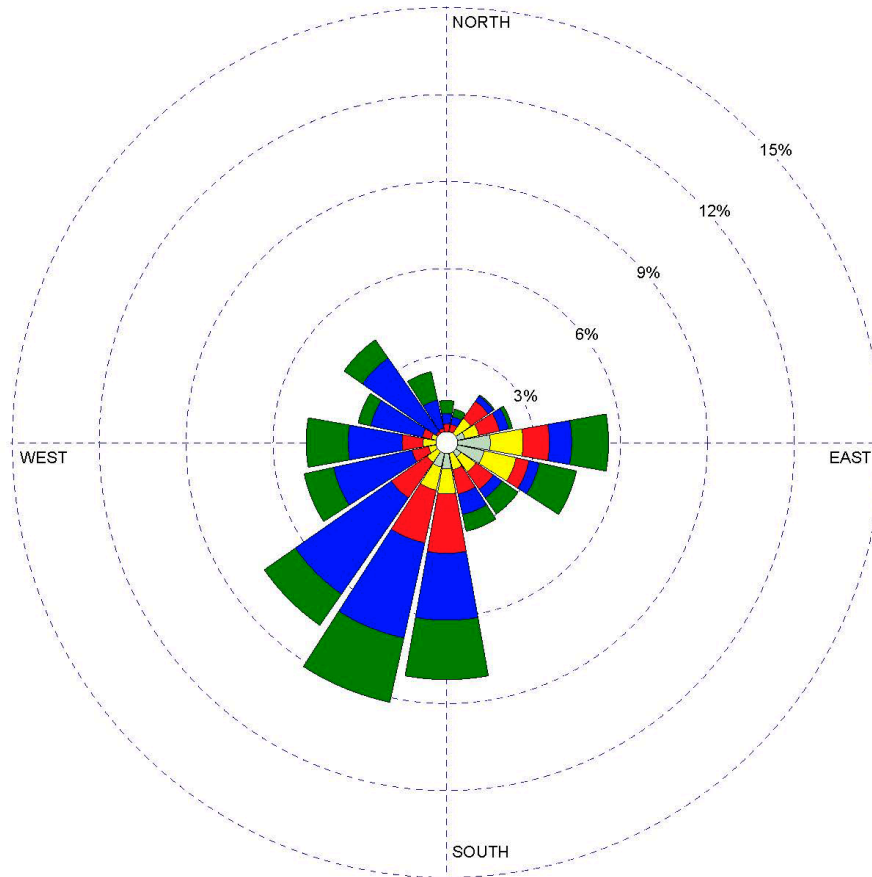


WIND ROSE PLOT:

Stability Rose - Summer 2020 (June, July, August)  
Richland Airport (KRLD), Washington

DISPLAY:

Stability Class



STABILITY CLASS

G  
F  
E  
D  
C  
B  
A

Calms: 27.72%

WIND ROSE PLOT:

Stability Rose - Fall 2020 (September, October, November)  
Richland Airport (KRLD), Washington

DISPLAY:

Stability Class

