

Appendix K: *Wind Roses Figures*

Appendix K Figures

Figure K1. Wind Speed (m/sec) and Direction for Study Period

Phase 1: North Central District Receptor, Ambient, and Quality Control Sites

K1.1 Ambient Site

K1.2 Receptor 1 Site

K1.3 Receptor 2, 3 and Quality Control Sites

Figure K2. Wind Speed (m/sec) and Direction for Study Period

Phase 1: Yakima Valley Receptor, Ambient, and Quality Control Sites

K2.1 Ambient Site

K2.2 Receptor 1, 2, and Quality Control

K2.3 Receptor 3 Site

Figure K3. Wind Speed (m/sec) and Direction for Study Period

Phase 2: Yakima Valley Receptor, Ambient, and Quality Control Sites

K3.1 Ambient Site

K3.2 Receptor 2, 4, and Quality Control Sites

K3.3 Receptor 5 Site

Figure K4. Wind Speed (m/sec) and Direction by Sampling Period

Phase 1: North Central District Perimeter Site

K4.1 Pre-Spray Day

K4.2 Spray Day Morning

K4.3 Spray Day Afternoon

K4.4 Spray Day Evening

K4.5 Post-Spray Day 1 Morning

K4.6 Post-Spray Day 1 Evening

K4.7 Post-Spray Day 2

Figure K5. Wind Speed (m/sec) and Direction by Sampling Period

Phase 1: Yakima Valley Perimeter Site

K5.1 Pre-Spray Day

K5.2 Spray Day Morning

K5.3 Spray Day Afternoon

K5.4 Spray Day Evening

K5.5 Post-Spray Day 1 Morning

K5.6 Post-Spray Day 1 Evening

K5.7 Post-Spray Day 2

Figure K6. Wind Speed (m/sec) and Direction by Sampling Period

Phase 2: Yakima Valley Perimeter Site

K6.1 Pre-Spray Day

K6.2 Spray Day Evening

K6.3 Spray Day Night

K6.4 Post-Spray Day 1 Morning

K6.5 Post-Spray Day 1 Evening

K6.6 Post-Spray Day 2

Figure K7. Wind Speed (m/sec) and Direction by Study Period by Peak Days

Phase 1: North Central District Receptor, Ambient, & Quality Control Sites

K7.1 Receptor 1 Site, April 12-13, 2008

K7.2 Receptor 2 Site, April 20-21, 2008

K7.3 Receptor 2 Site, April 22-23, 2008

K7.4 Receptor 2 Site, April 26-27, 2008

K7.5 Receptor 3 Site, April 12-13, 2008

K7.6 Quality Control Site, April 22-23, 2008

Figure K8. Wind Speed (m/sec) and Direction by Study Period by Peak Days

Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

K8.1 Receptor 1 Site, April 1-2, 2008

K8.2 Receptor 1 Site, April 3-4, 2008

K8.3 Receptor 2 Site, March 30-31, 2008

K8.4 Receptor 2 Site, April 1-2, 2008

K8.5 Receptor 2 Site, April 3-4, 2008

K8.6 Quality Control Site, April 1-2, 2008

K8.7 Quality Control Site, April 3-4, 2008

K8.8 Receptor 3 Site, April 1-2, 2008

Figure K9. Wind Speed (m/sec) and Direction by Study Period by Peak Days

Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

K9.1 Receptor 2 Site, June 17-18, 2008

K9.2 Receptor 4 Site, June 11-12, 2008

K9.3 Receptor 4 Site, June 13-14, 2008

K9.4 Receptor 4 Site, June 17-18, 2008

K9.5 Receptor 4 Site, June 20-21, 2008

K9.6 Quality Control Site, June 20-21, 2008

K9.7 Receptor 5 Site, May 27-28, 2008

K9.8 Receptor 5 Site, May 30-31, 2008

K9.9 Receptor 5 Site, June 5-6, 2008

K9.10 Receptor 5 Site, June 8-9, 2008

K9.11 Receptor 5 Site, June 11-12, 2008

K9.12 Receptor 5 Site, June 20-21, 2008

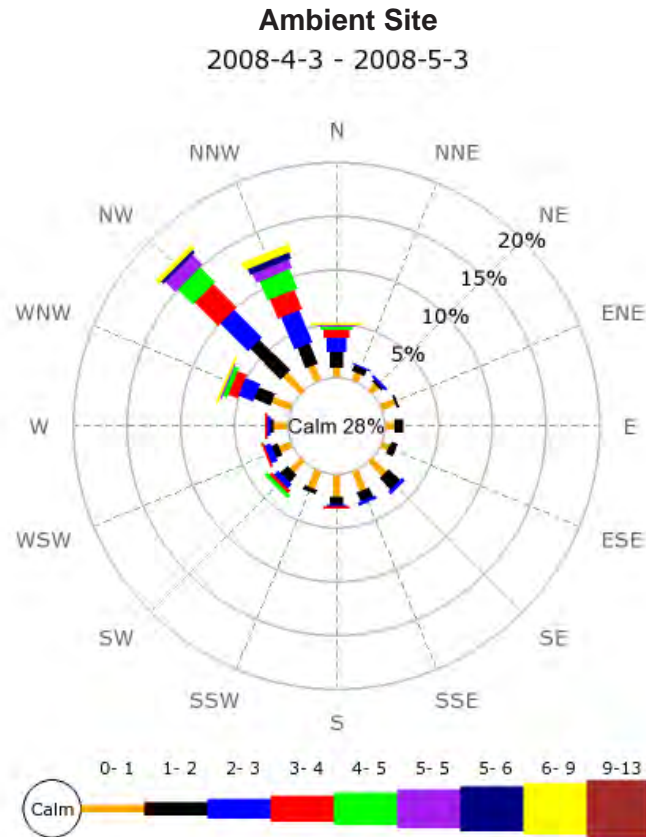


Figure K1.1 Wind Speed (m/sec) and Direction for Study Period
 Phase 1: North Central District Receptor, Ambient, and Quality Control Sites, Ambient Site

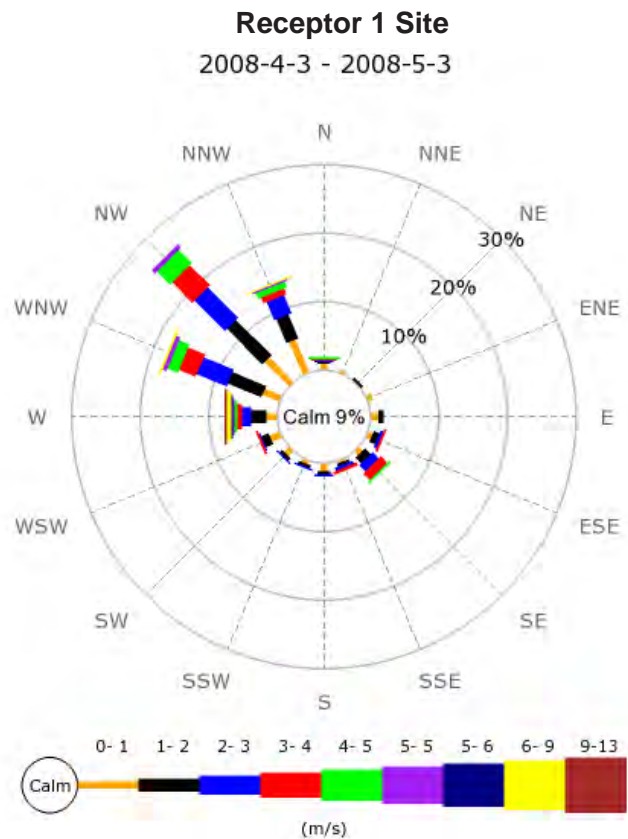


Figure K1.2 Wind Speed (m/sec) and Direction for Study Period
 Phase 1: North Central District Receptor, Ambient, and Quality Control Sites, Receptor 1 Site

Receptor 2, 3, and Quality Control Sites

2008-4-3 - 2008-5-3

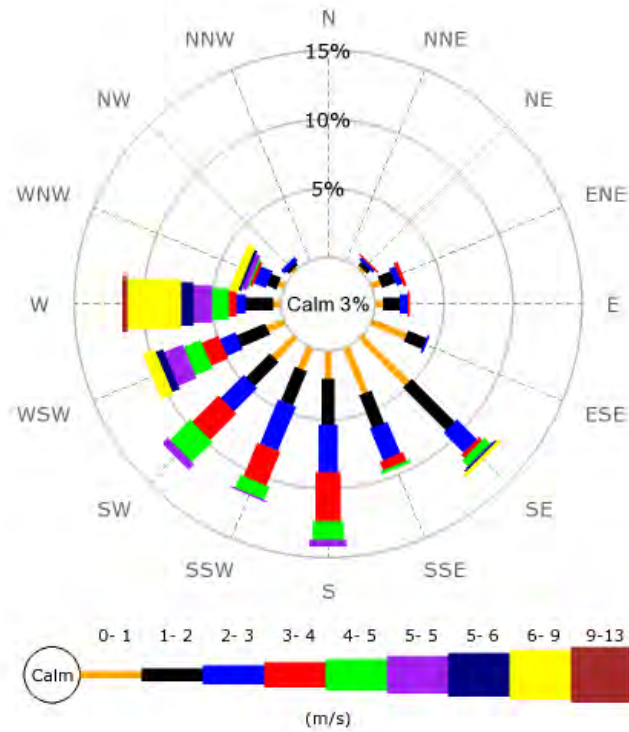


Figure K1.3 Wind Speed (m/sec) and Direction for Study Period
Phase 1: North Central District Receptor, Ambient, and Quality Control Sites,
Receptor 2, 3, and Quality Control Sites

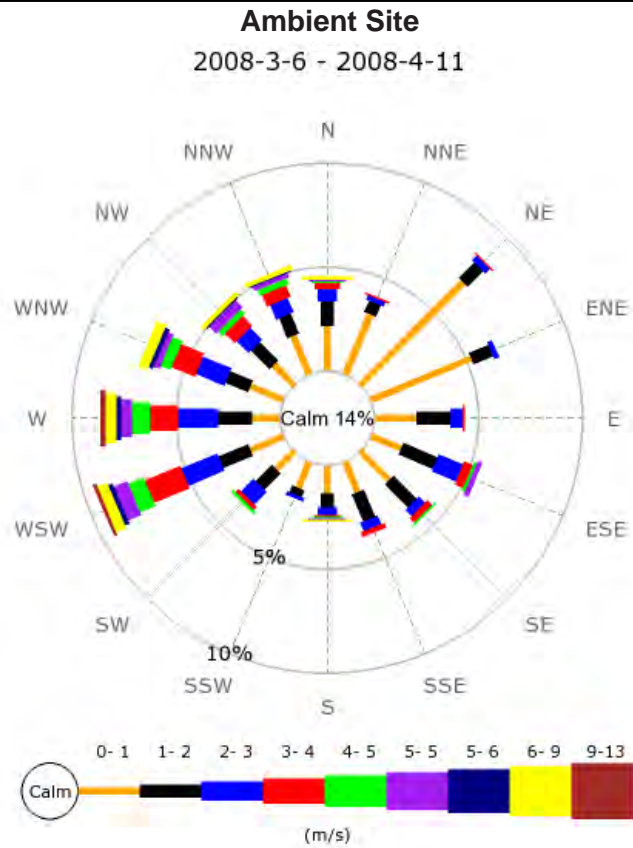


Figure K2.1 Wind Speed (m/sec) and Direction for Study Period
 Phase 1: Yakima Valley Receptor, Ambient, and Quality Control Sites, Ambient Site

Receptor 1, 2, and Quality Control
 2008-3-8 - 2008-4-7

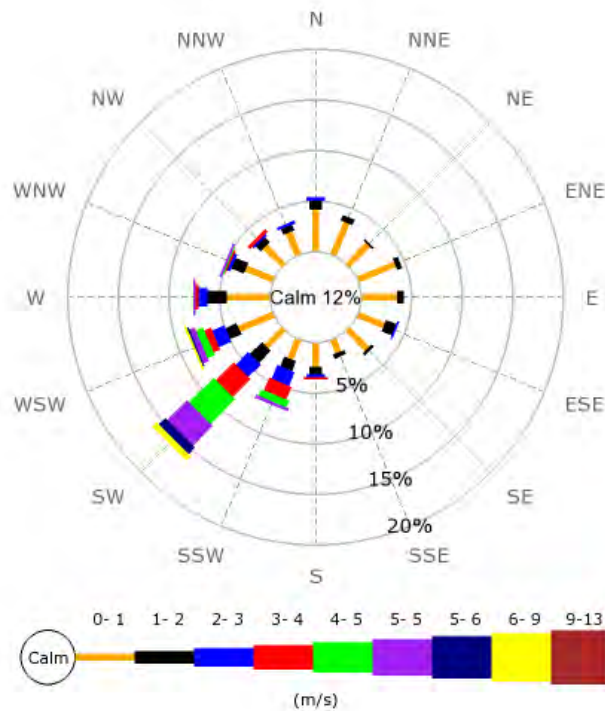


Figure K2.2 Wind Speed (m/sec) and Direction for Study Period
 Phase 1: Yakima Valley Receptor, Ambient, and Quality Control Sites, Receptor 1, 2,
 and Quality Control

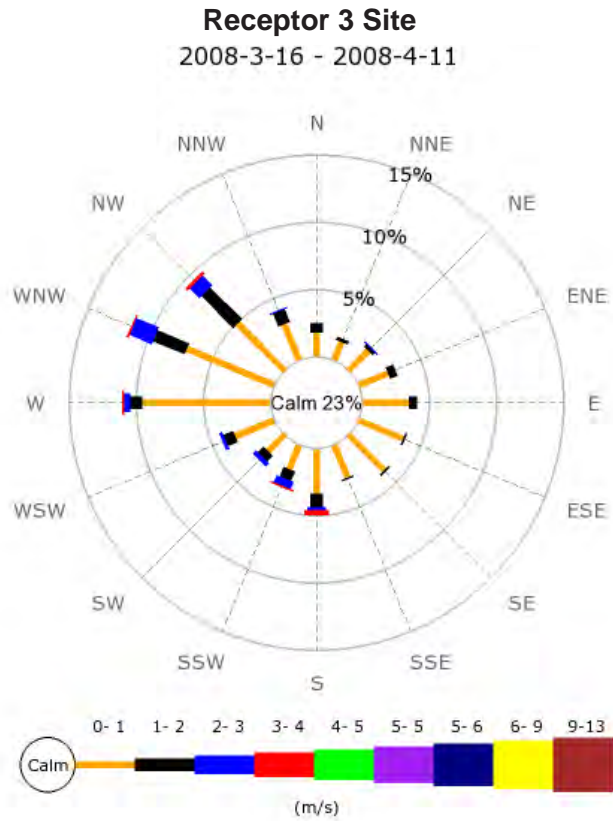


Figure K2.3 Wind Speed (m/sec) and Direction for Study Period
Phase 1: Yakima Valley Receptor, Ambient, and Quality Control Sites, Receptor 3 Site

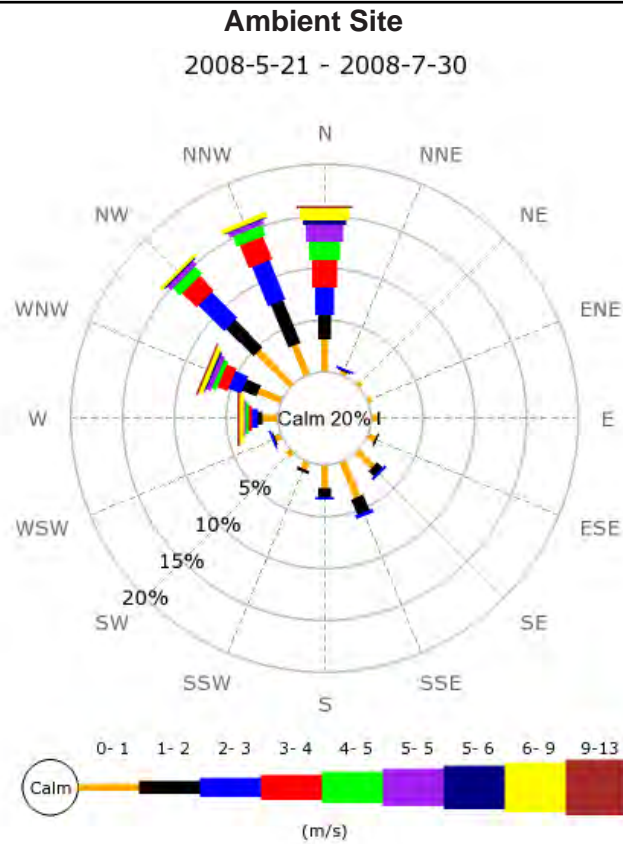


Figure K3.1 Wind Speed (m/sec) and Direction for Study Period
 Phase 2: Yakima Valley Receptor, Ambient, and Quality Control Sites, Ambient Site

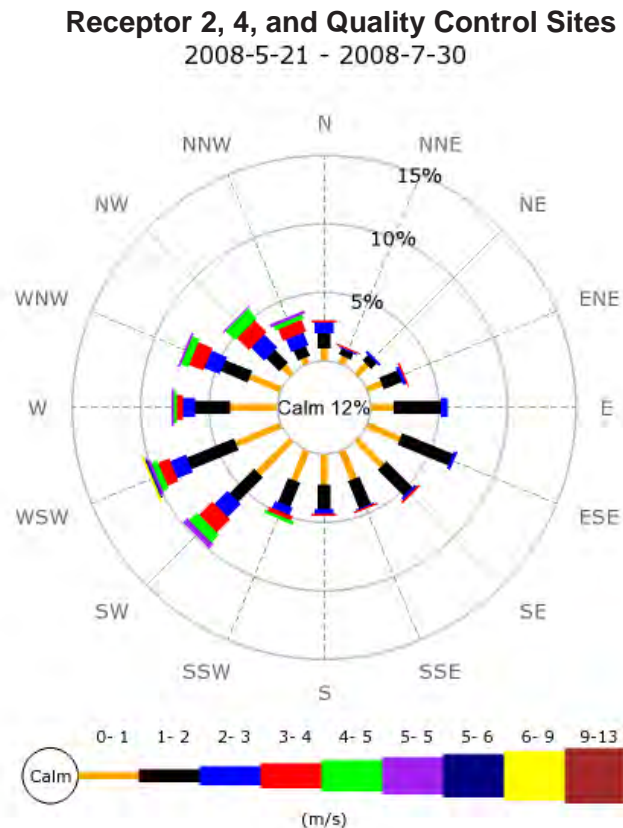


Figure K3.2 Wind Speed (m/sec) and Direction for Study Period
 Phase 2: Yakima Valley Receptor, Ambient, and Quality Control Sites, Receptor 2, 4,
 and Quality Control Sites

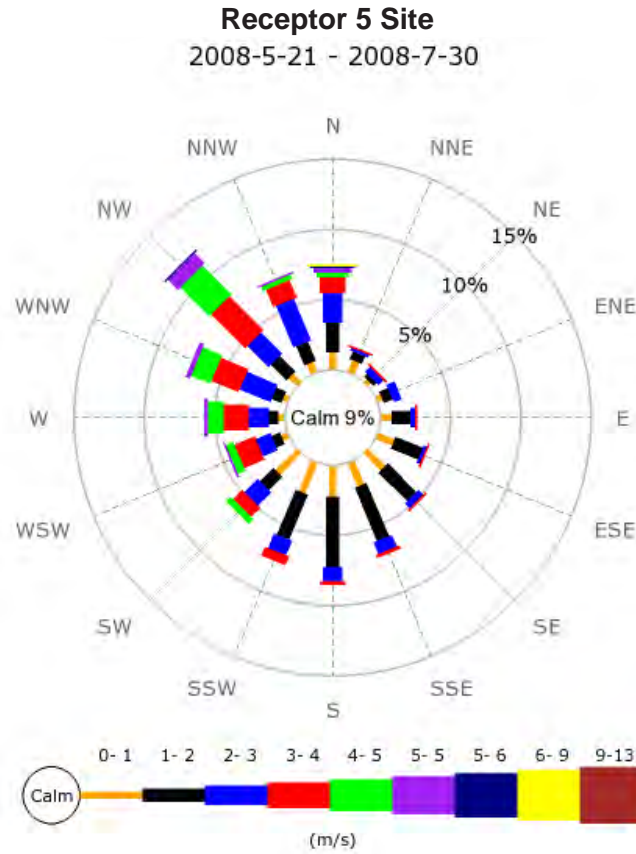


Figure K3.3 Wind Speed (m/sec) and Direction for Study Period
Phase 2: Yakima Valley Receptor, Ambient, and Quality Control Sites, Receptor 5 Site

North Central District Phase 1 Perimeter Pre Spray Day

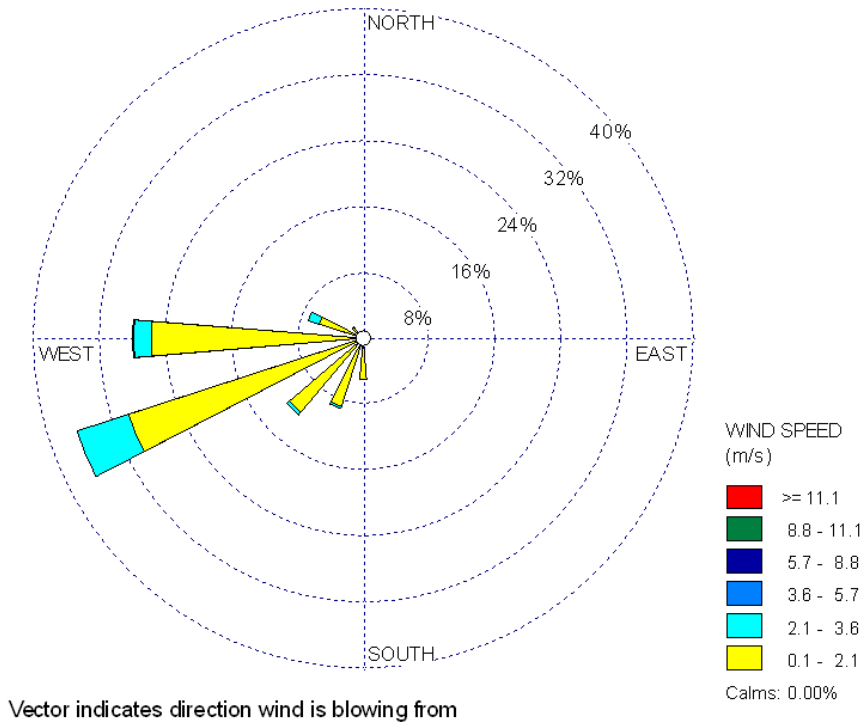


Figure K4.1 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: North Central District Perimeter Site, Pre-Spray Day

North Central District Phase 1 Perimeter Spray Day Morning

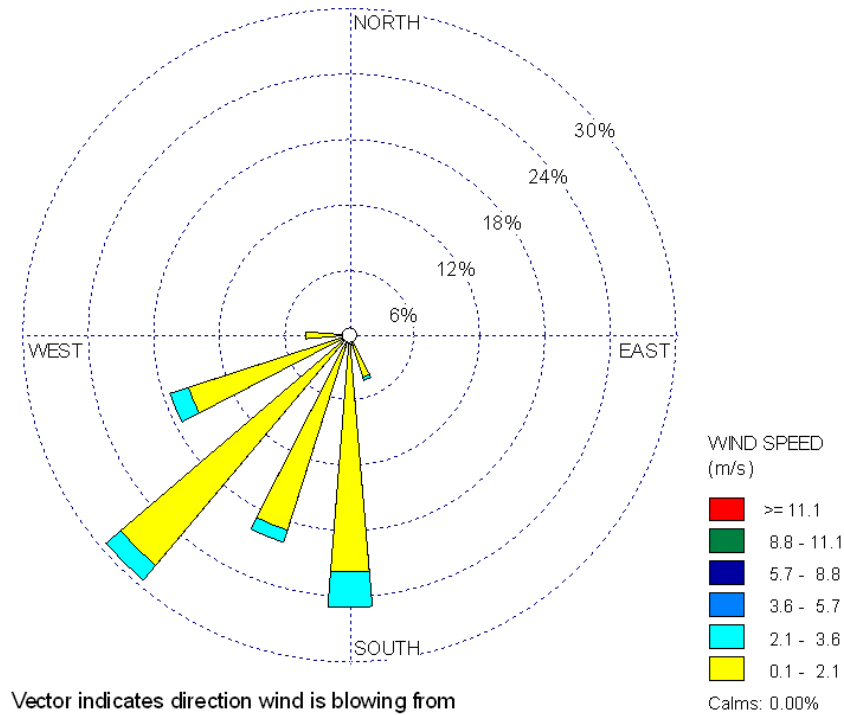


Figure K4.2 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: North Central District Perimeter Site, Spray Day Morning

North Central District Phase 1 Perimeter Spray Day Afternoon

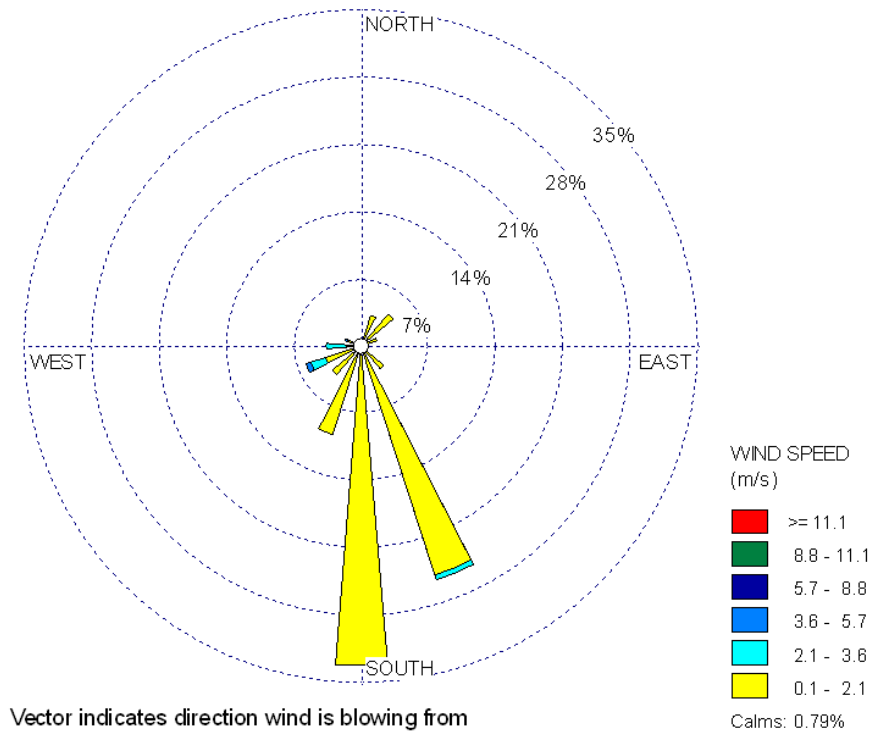


Figure K4.3 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: North Central District Perimeter Site, Spray Day Afternoon

North Central District Phase 1 Perimeter Spray Day Evening

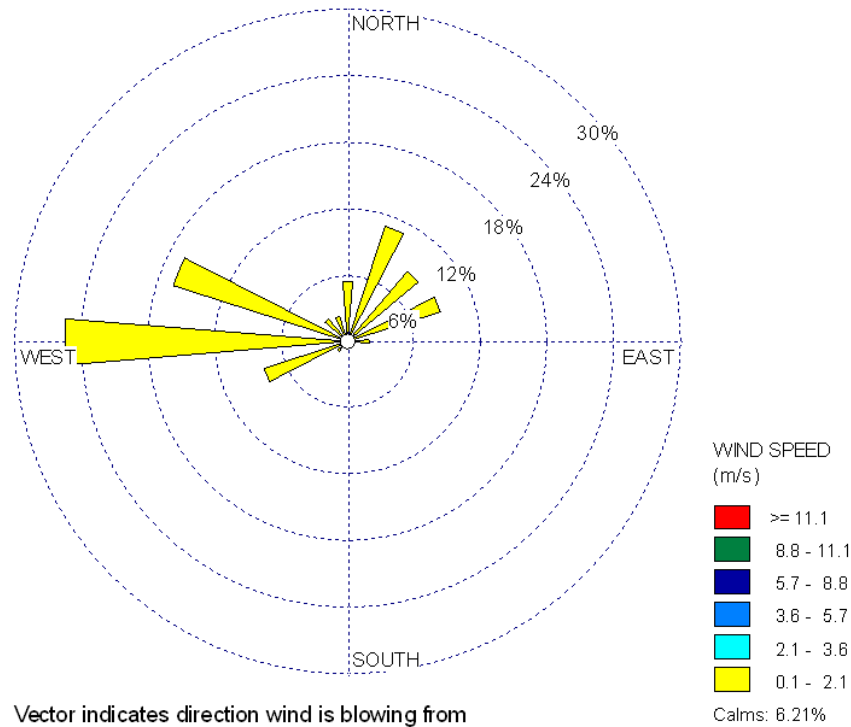


Figure K4.4 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: North Central District Perimeter Site, Spray Day Evening

North Central District Phase 1 Perimeter Spray Day 1 Morning

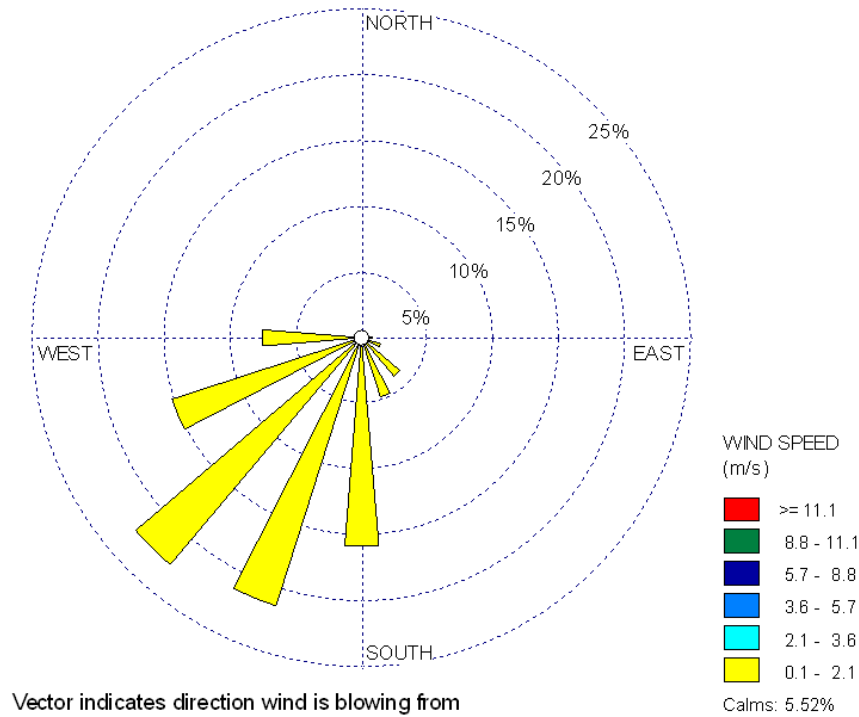


Figure K4.5 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: North Central District Perimeter Site, Post-Spray Day 1 Morning

North Central District Phase 1 Perimeter Post Spray Day 1 Evening

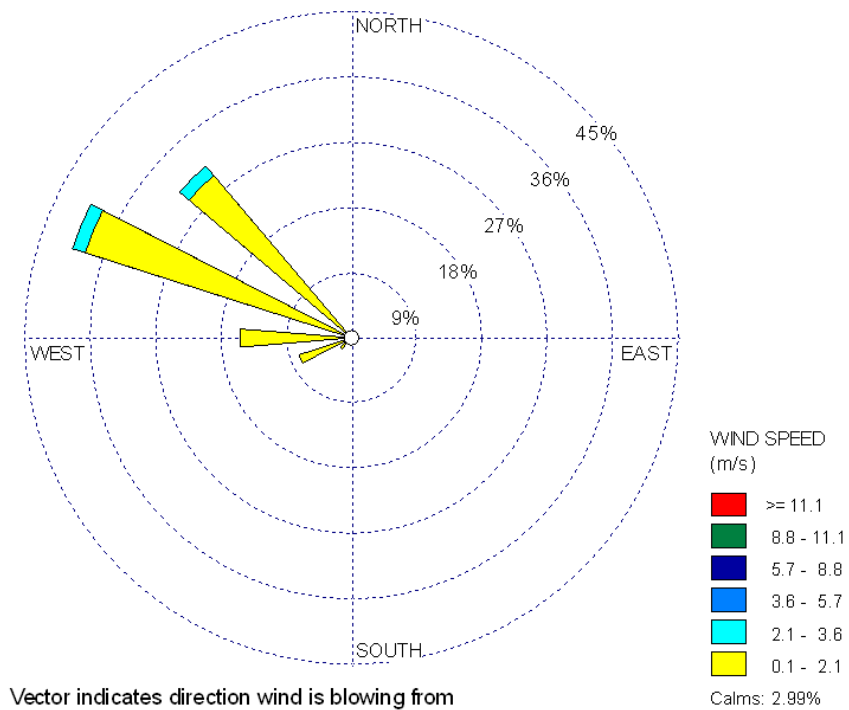


Figure K4.6 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: North Central District Perimeter Site, Post-Spray Day 1 Evening

North Central District Phase 1 Perimeter Post Spray Day 2

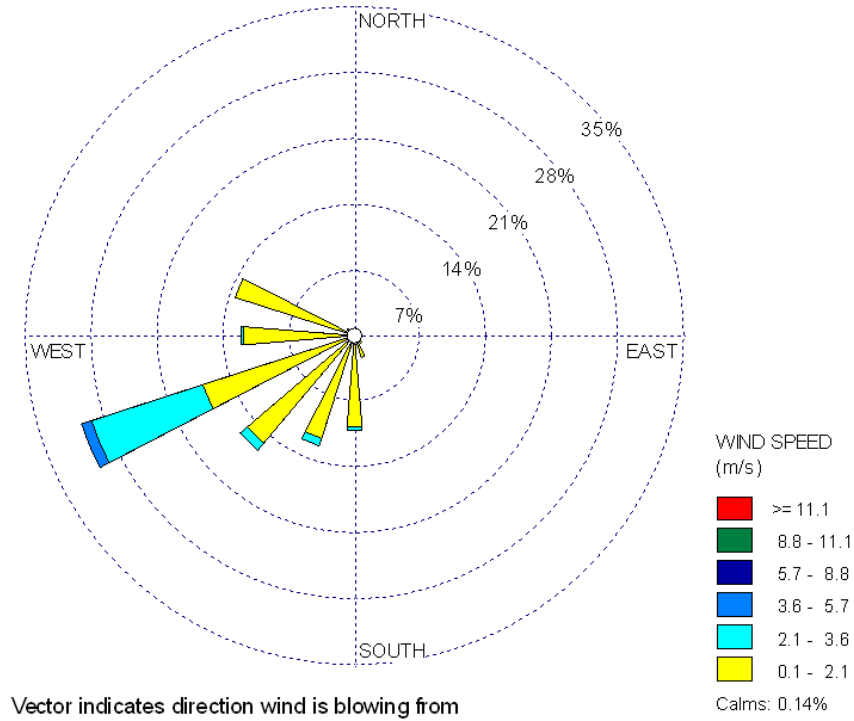


Figure K4.7 Wind Speed (m/sec) and Direction by Sampling Period
Phase 1: North Central District Perimeter Site, Post-Spray Day 2

Yakima Valley Phase 1 Perimeter Pre Spray Day

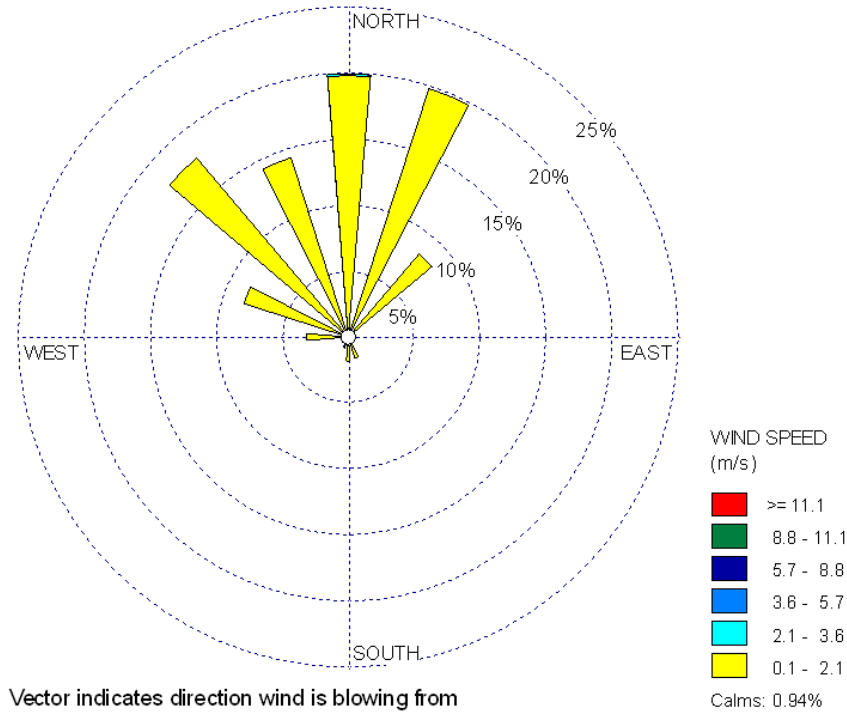


Figure K5.1 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: Yakima Valley Perimeter Site, Pre-Spray Day

Yakima Valley Phase 1 Perimeter Spray Day Morning

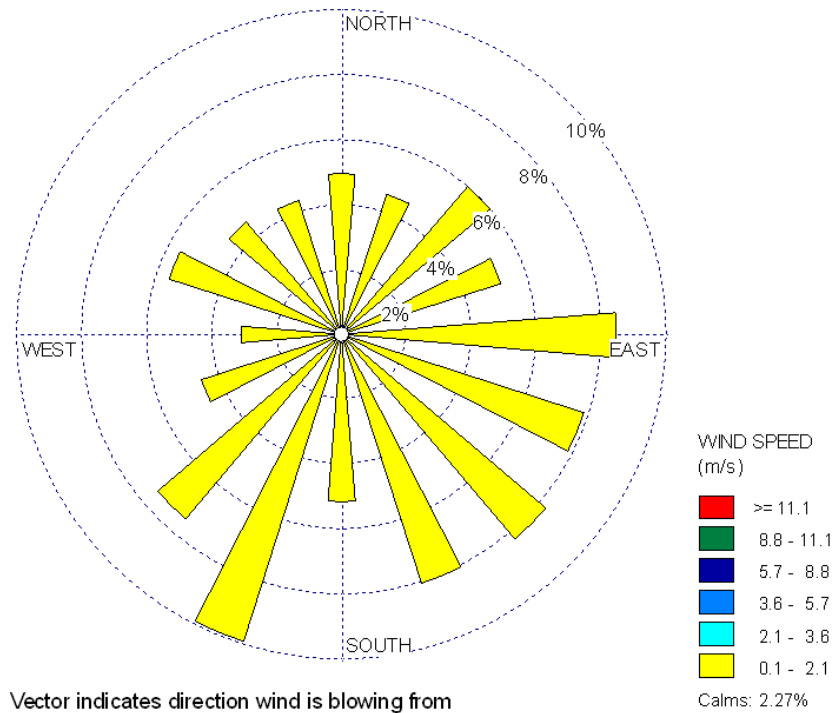


Figure K5.2 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: Yakima Valley Perimeter Site, Spray Day Morning

Yakima Valley Phase 1 Perimeter Spray Day Afternoon

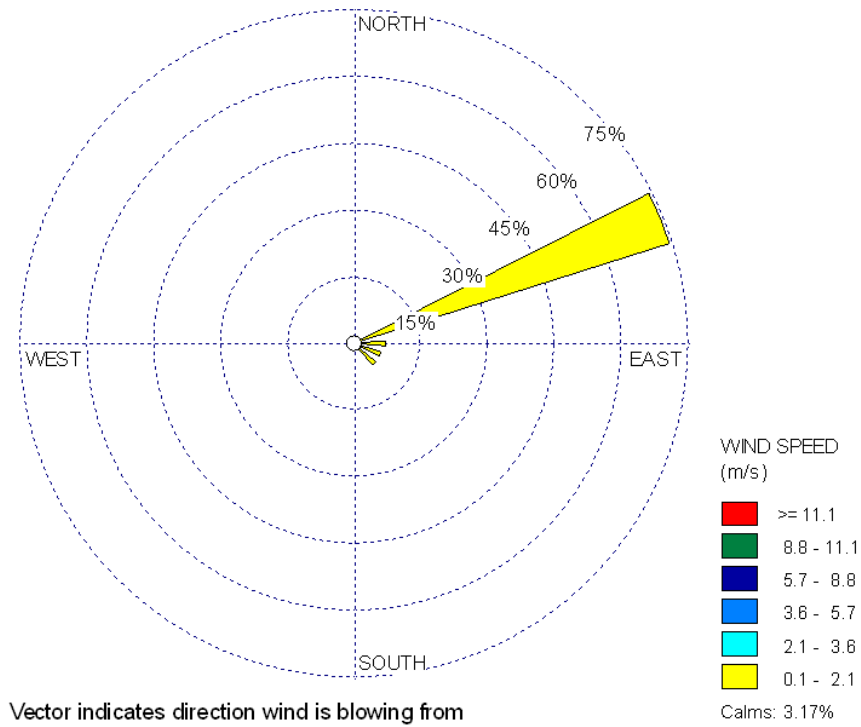


Figure K5.3 Wind Speed (m/sec) and Direction by Sampling Period
Phase 1: Yakima Valley Perimeter Site, Spray Day Afternoon

Yakima Valley Phase 1 Perimeter Spray Day Evening

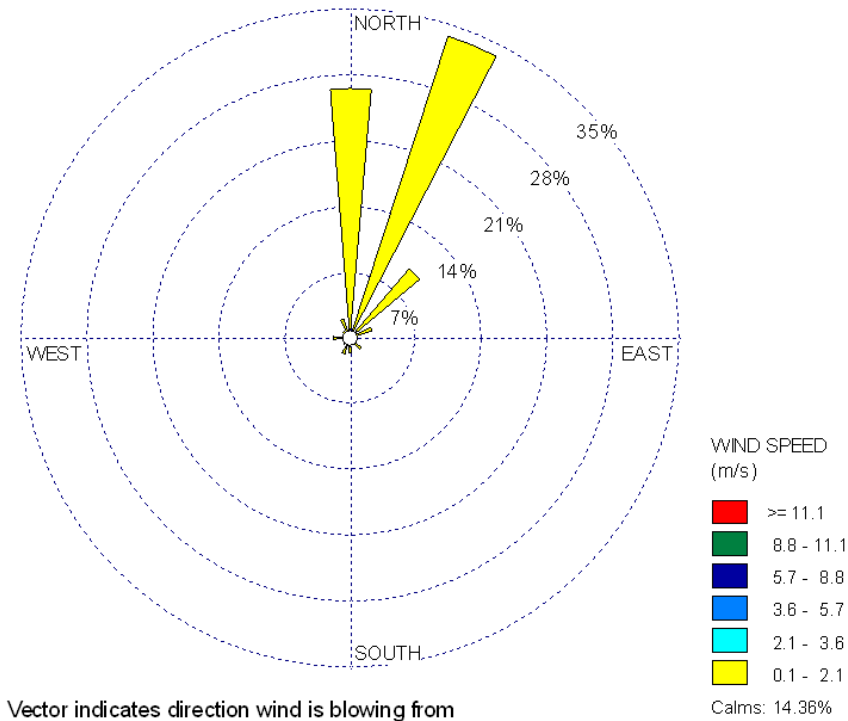


Figure K5.4 Wind Speed (m/sec) and Direction by Sampling Period
Phase 1: Yakima Valley Perimeter Site, Spray Day Evening

Yakima Valley Phase 1 Perimeter Post Spray Day 1 Morning

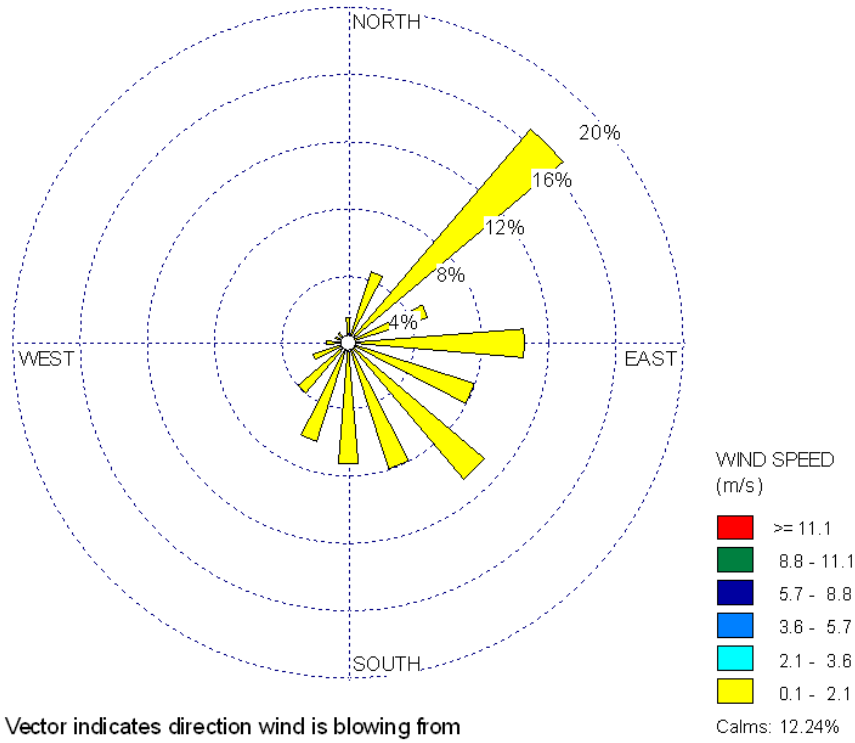


Figure K5.5 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: Yakima Valley Perimeter Site, Post-Spray Day 1 Morning

Yakima Valley Phase 1 Perimeter Post Spray Day 1 Evening

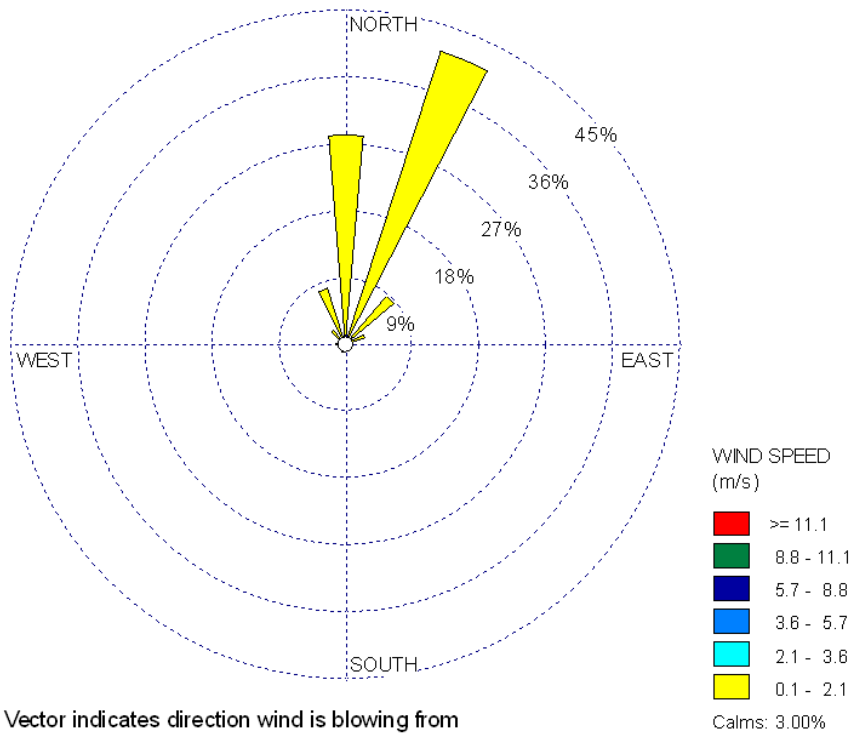


Figure K5.6 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 1: Yakima Valley Perimeter Site, Post-Spray Day 1 Evening

Yakima Valley Phase 1 Perimeter Post Spray Day 2

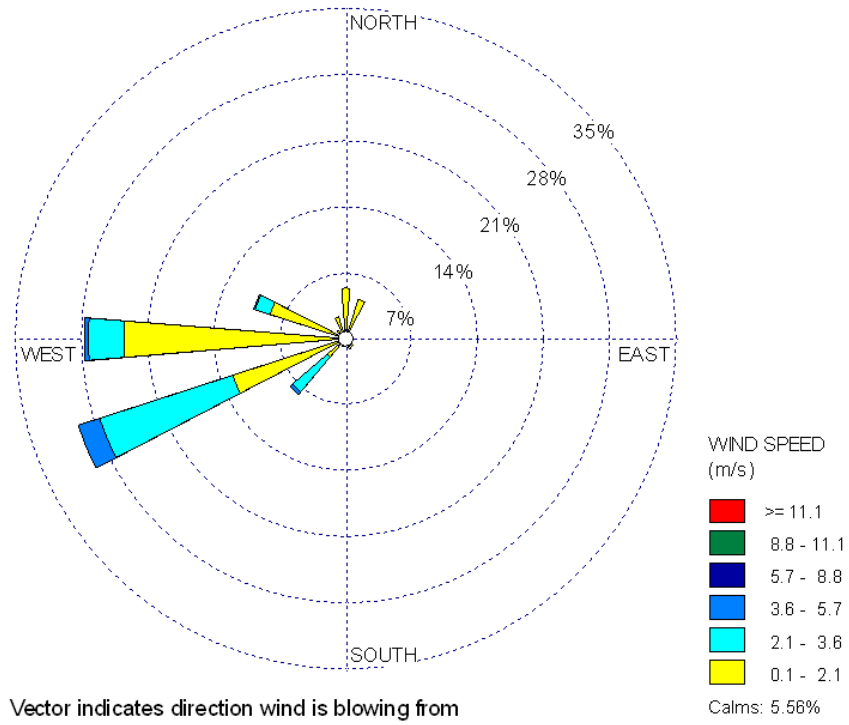


Figure K5.7 Wind Speed (m/sec) and Direction by Sampling Period
Phase 1: Yakima Valley Perimeter Site, Post-Spray Day 2

Yakima Valley Phase 2 Perimeter Pre Spray Day

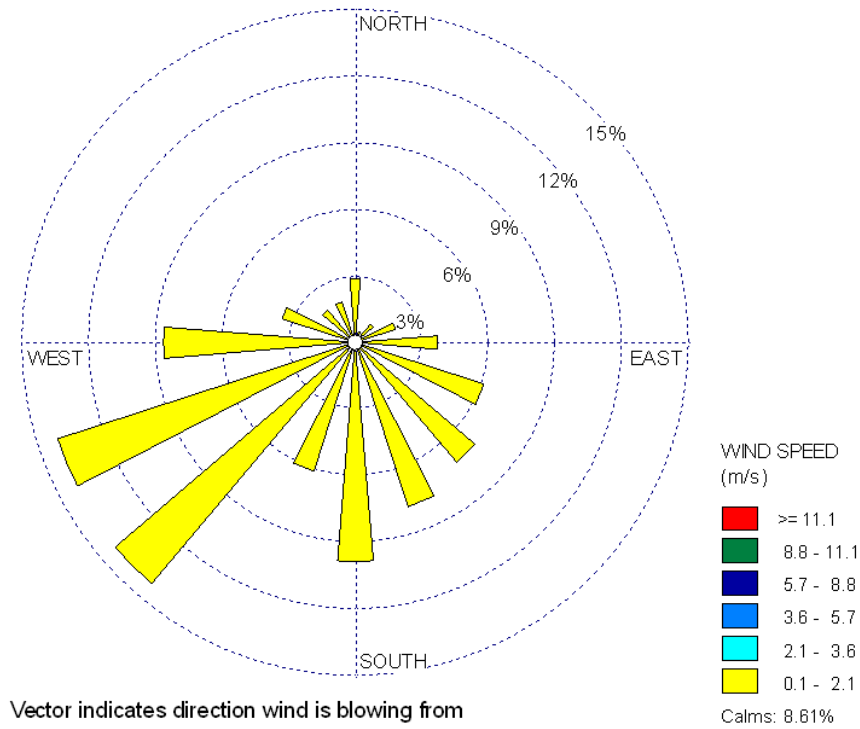


Figure K6.1 Wind Speed (m/sec) and Direction by Sampling Period
Phase 2: Yakima Valley Perimeter Site, Pre-Spray Day

Yakima Valley Phase 2 Perimeter Spray Day Evening

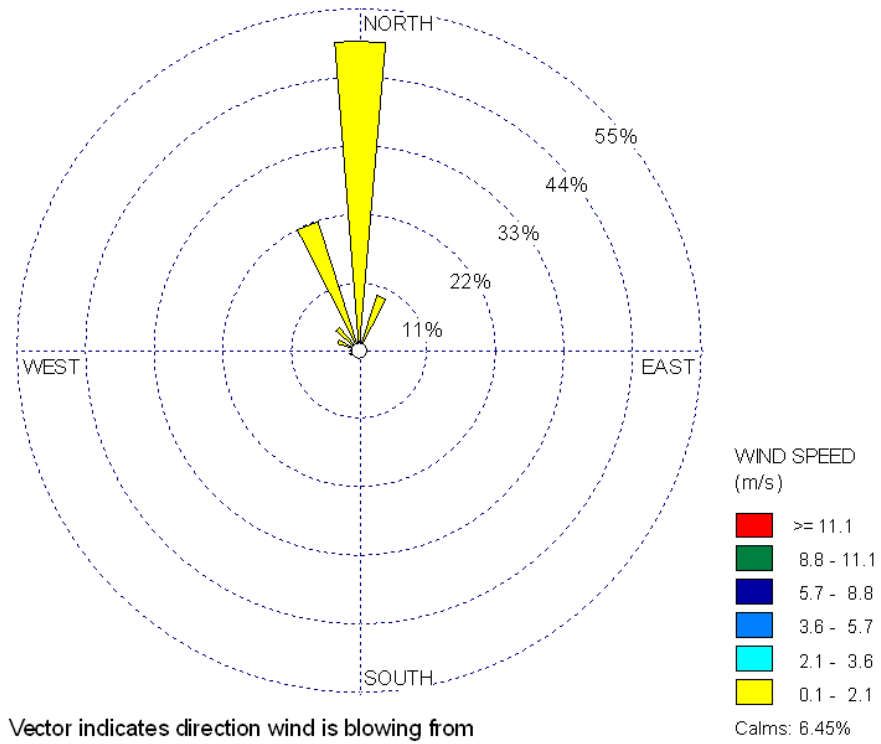


Figure K6.2 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 2: Yakima Valley Perimeter Site, Spray Day Evening

Yakima Valley Phase 2 Perimeter Spray Day Night

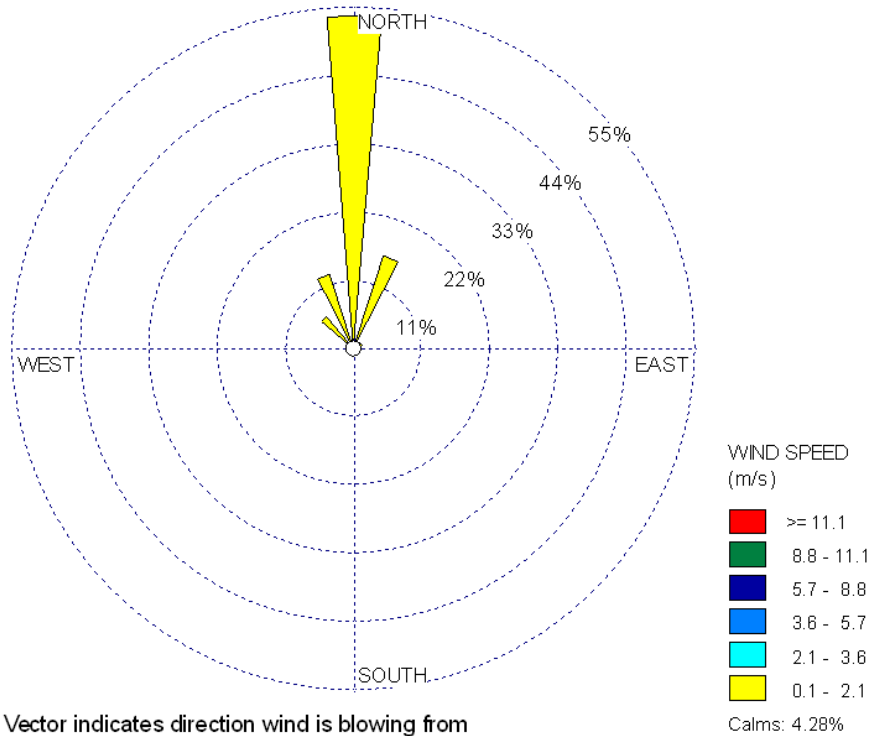


Figure K6.3 Wind Speed (m/sec) and Direction by Sampling Period
 Phase 2: Yakima Valley Perimeter Site, Spray Day Night

Yakima Valley Phase 2 Perimeter Post Spray Day 1 Morning

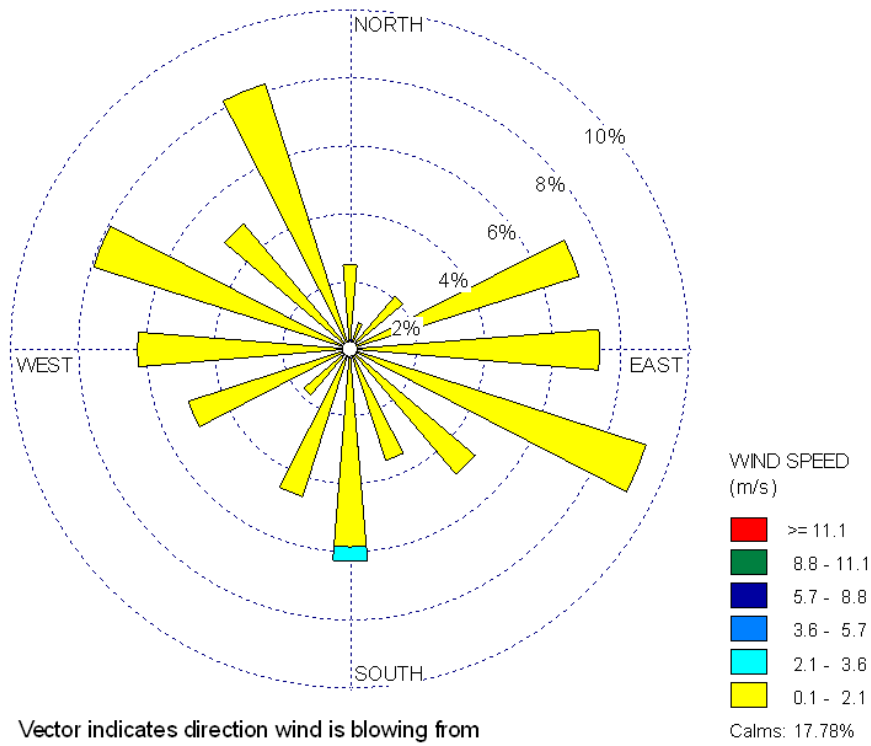


Figure K6.4 Wind Speed (m/sec) and Direction by Sampling Period
Phase 2: Yakima Valley Perimeter Site, Post-Spray Day 1 Morning

Yakima Valley Phase 2 Perimeter Post Spray Day 1 Evening

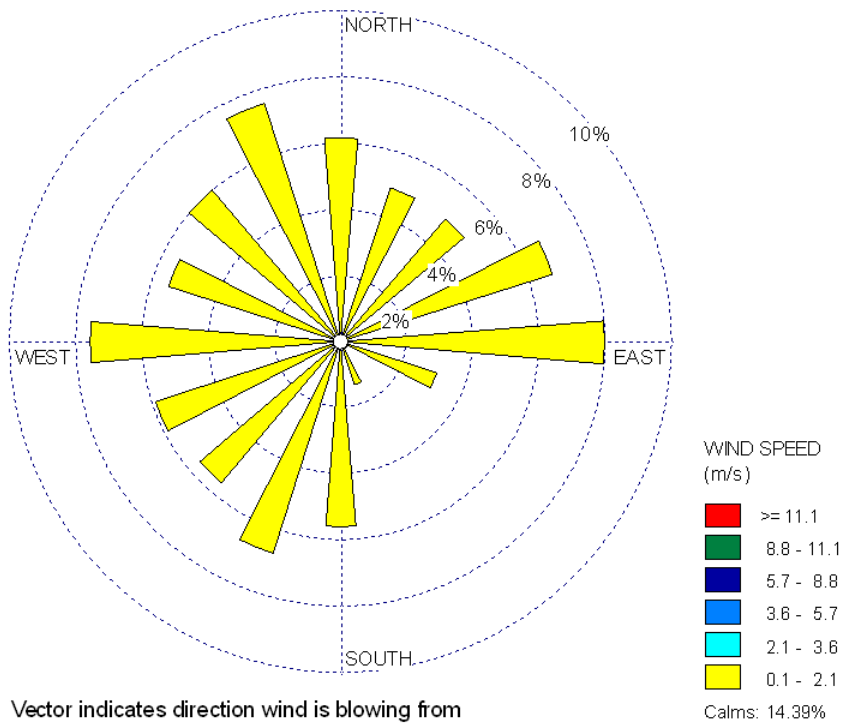


Figure K6.5 Wind Speed (m/sec) and Direction by Sampling Period
Phase 2: Yakima Valley Perimeter Site, Post-Spray Day 1 Evening

Yakima Valley Phase 2 Perimeter Post Spray Day 2

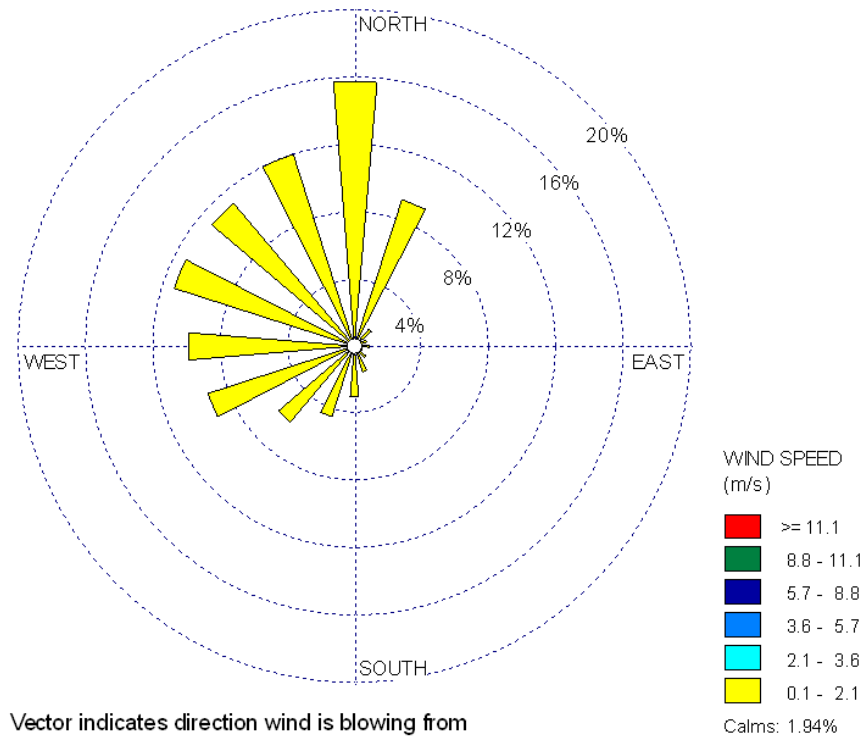


Figure K6.6 Wind Speed (m/sec) and Direction by Sampling Period
Phase 2: Yakima Valley Perimeter Site, Post-Spray Day 2

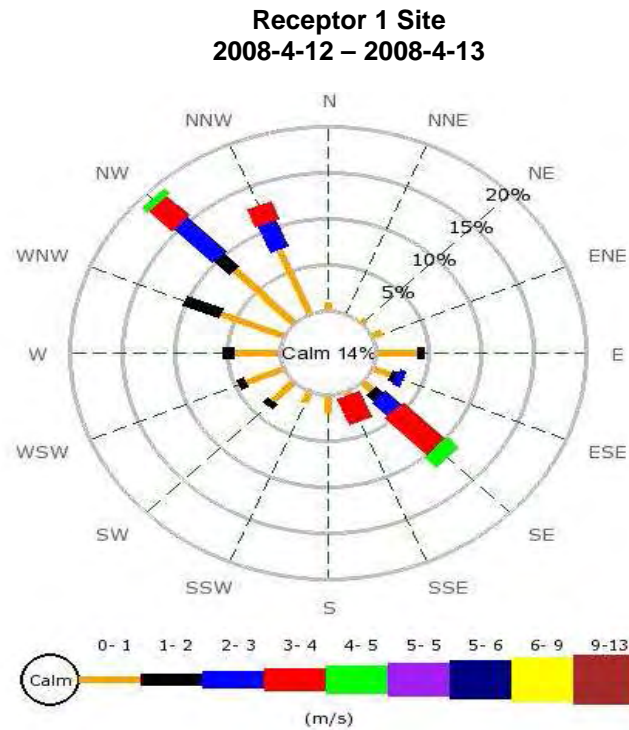


Figure K7.1 Wind Speed (m/sec) and Direction by Study Period by Peak Days
Phase 1: North Central District Receptor, Ambient, & Quality Control Sites

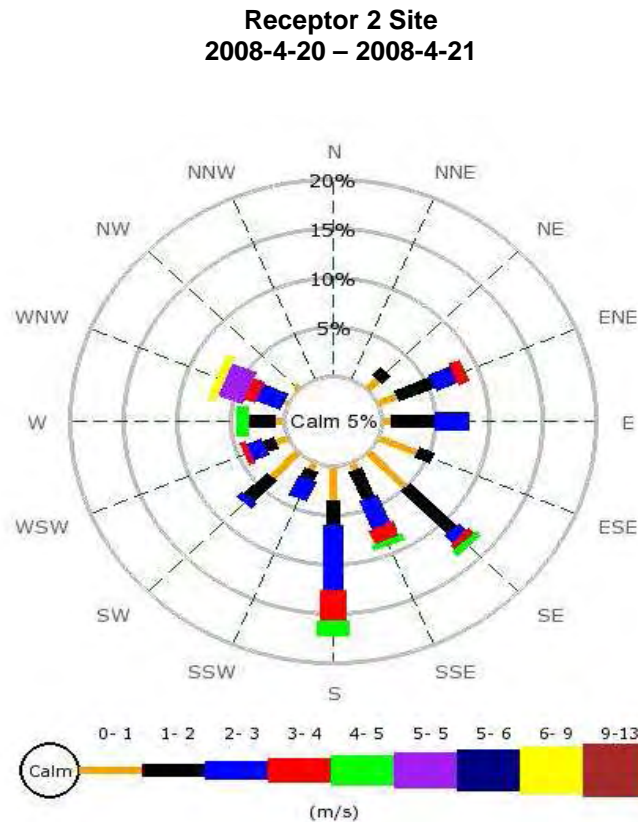


Figure K7.2 Wind Speed (m/sec) and Direction by Sampling Period by Peak Days
Phase 1: North Central District Receptor, Ambient, & Quality Control Sites

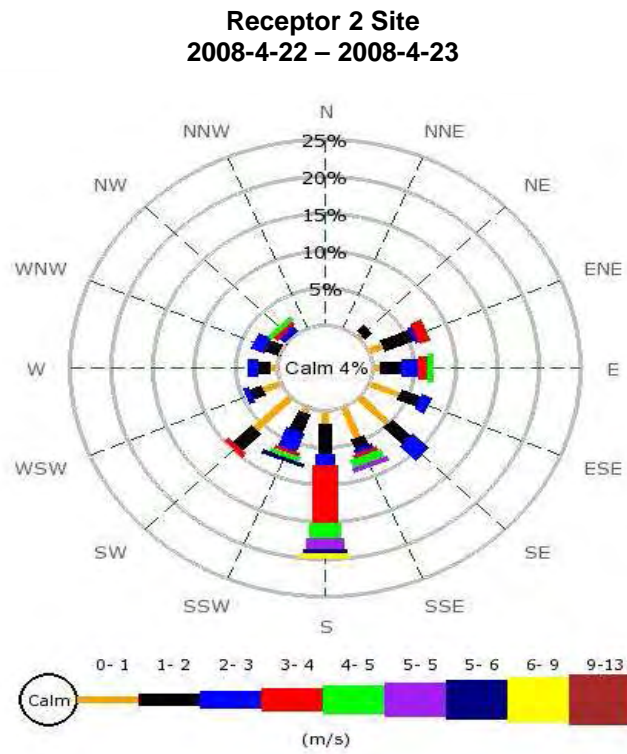


Figure K7.3 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: North Central District Receptor, Ambient, and Quality Control Sites

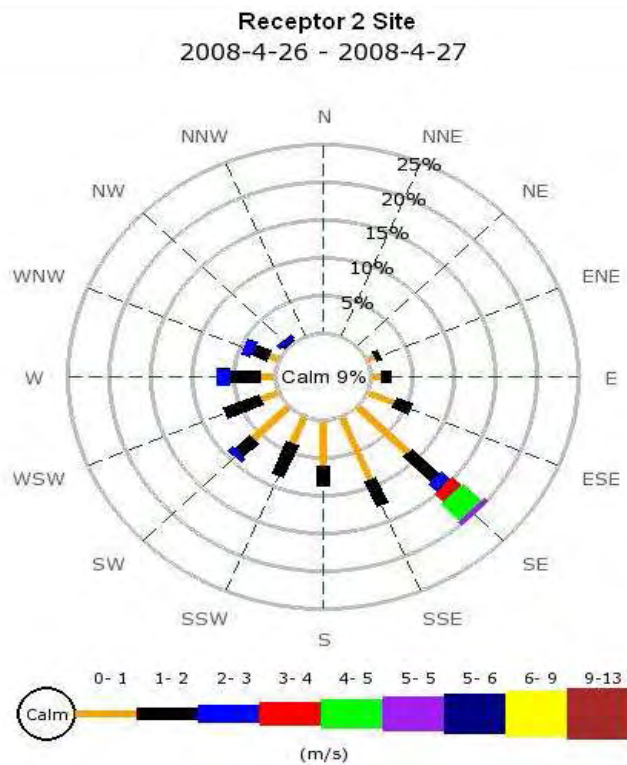


Figure K7.4 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: North Central District Receptor, Ambient, & Quality Control Sites

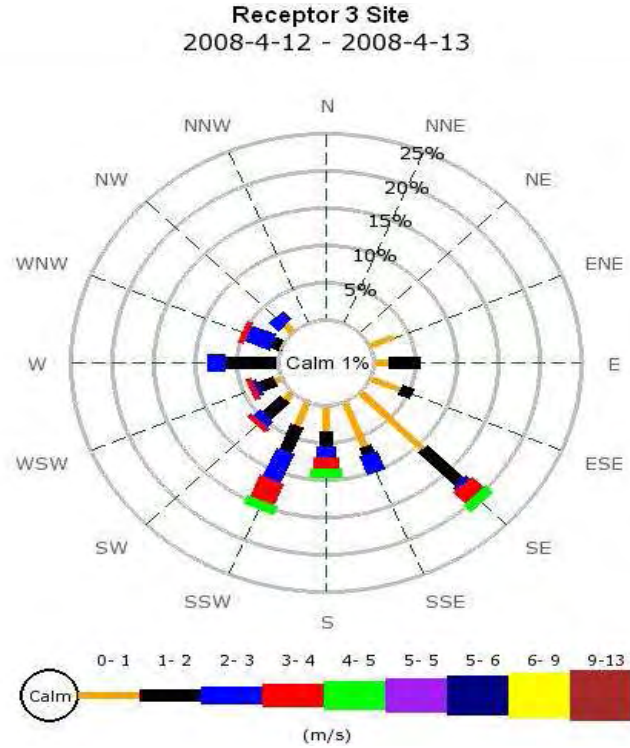


Figure K7.5 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase I: North Central District Receptor, Ambient, & Quality Control Sites

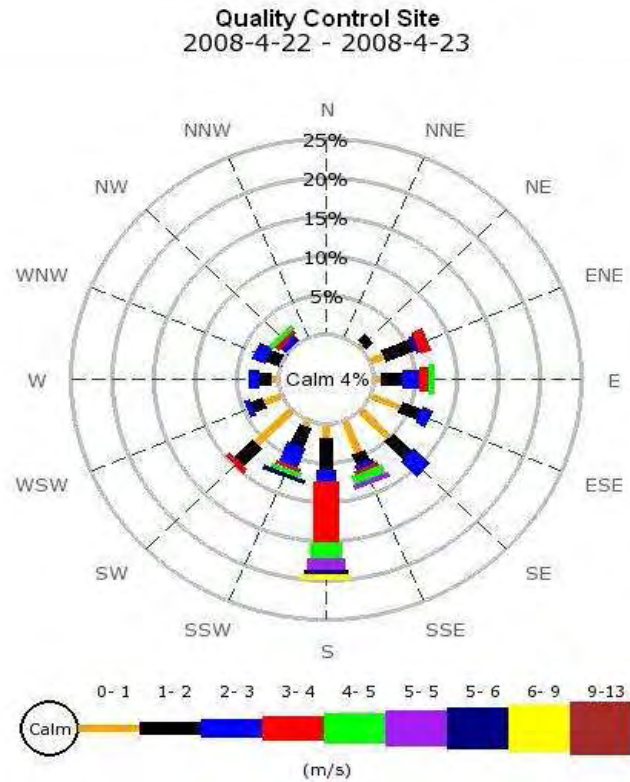


Figure K7.6 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase I: North Central District Receptor, Ambient, & Quality Control Sites

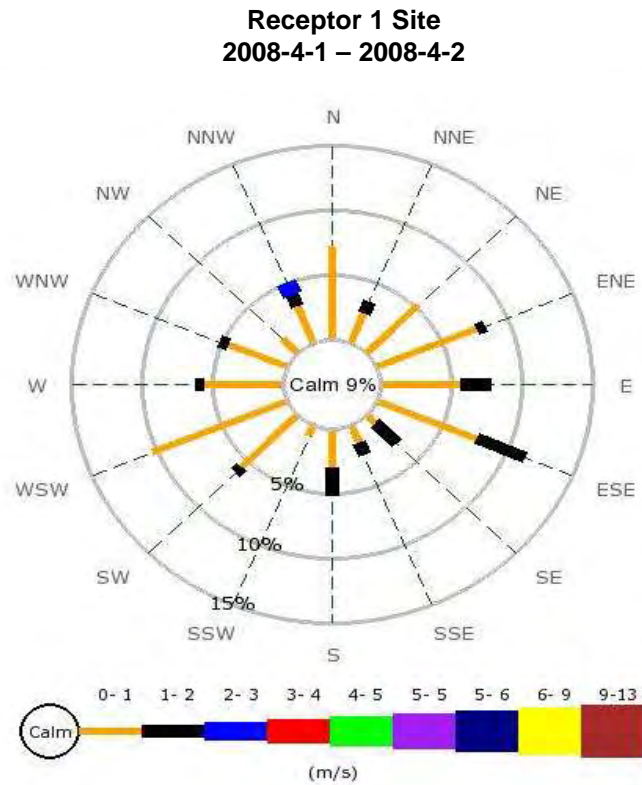


Figure K8.1 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

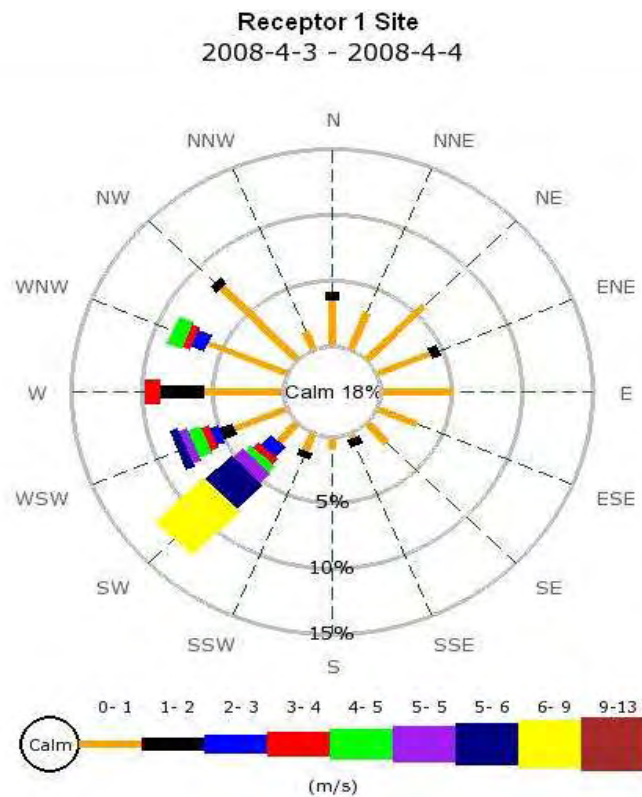


Figure K8.2 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

**Receptor 2 Site
 2008-3-30 – 2008-3-31**

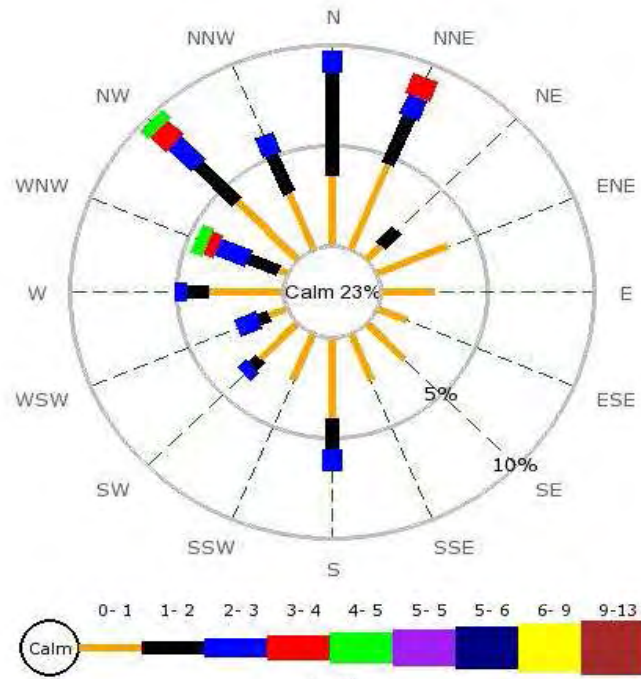


Figure K8.3 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

**Receptor 2 Site
 2008-4-1 – 2008-4-2**

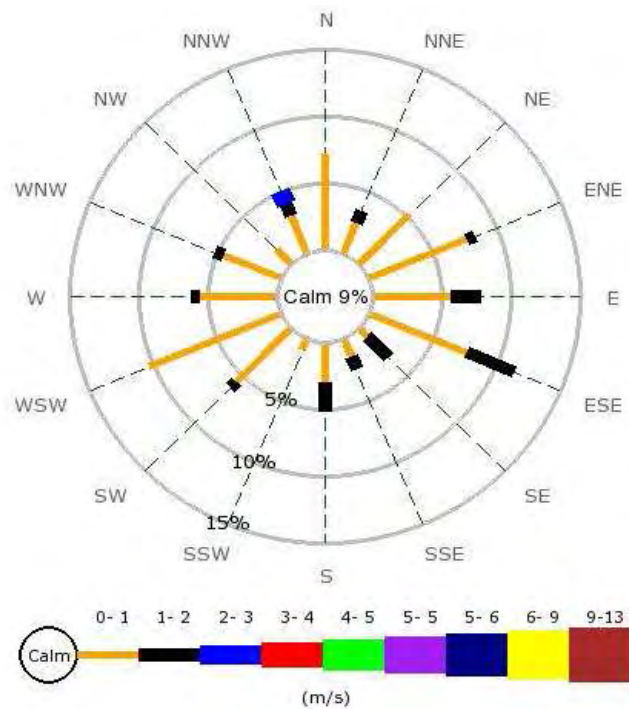


Figure K8.4 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

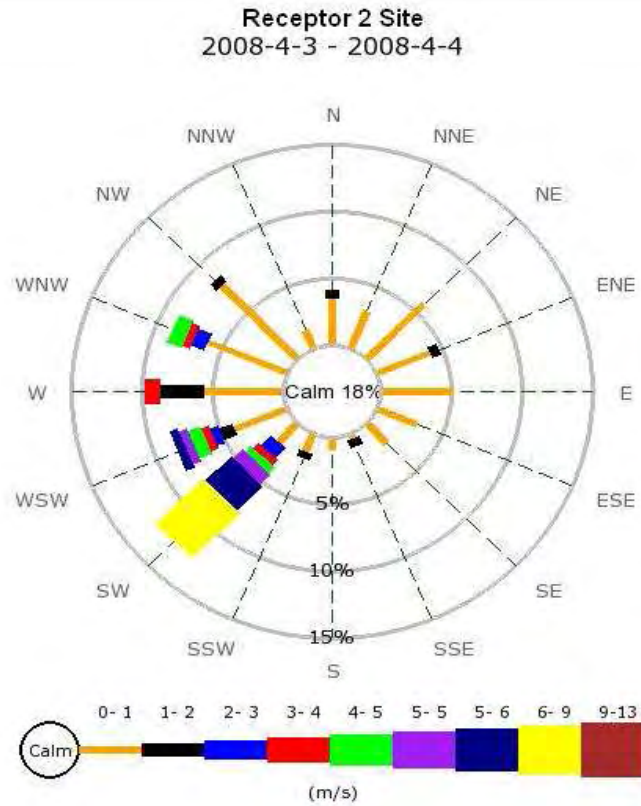


Figure K8.5 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

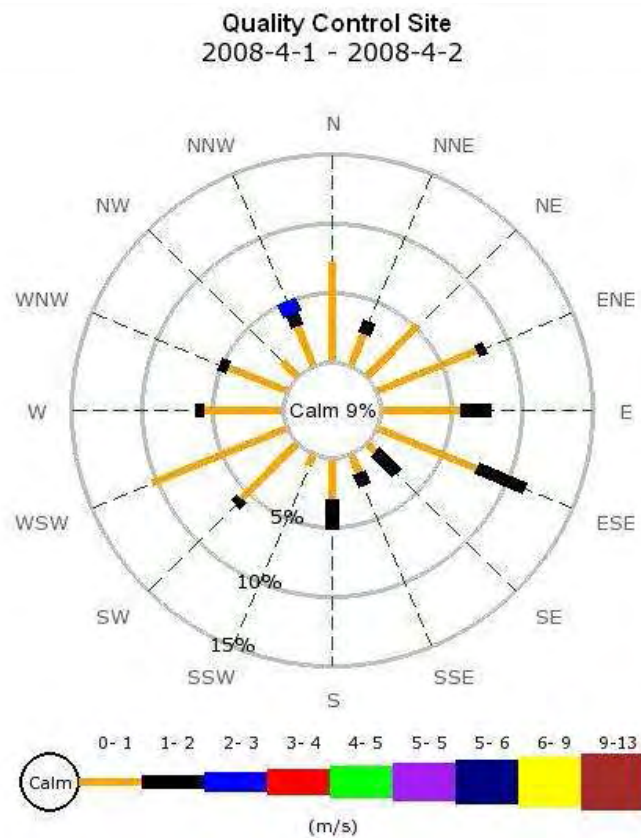


Figure K8.6 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

**Quality Control Site
 2008-4-3 – 2008-4-4**

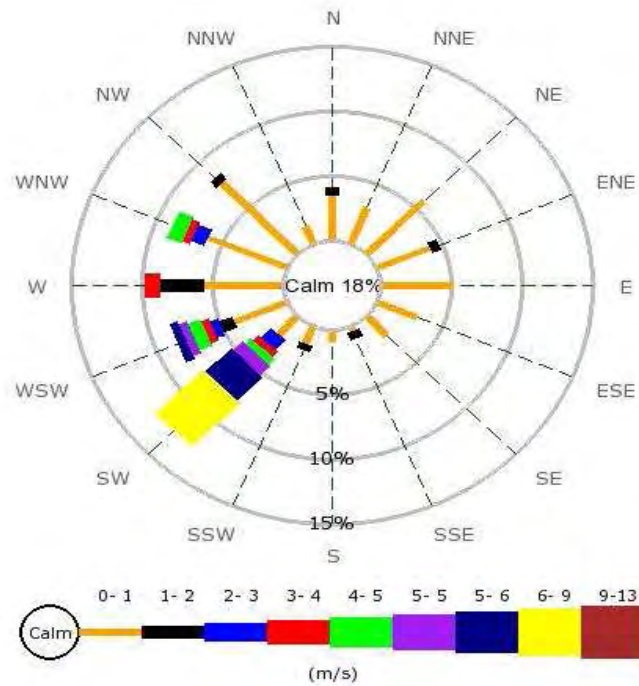


Figure K8.7 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

**Receptor 3 Site
 2008-4-1 - 2008-4-2**

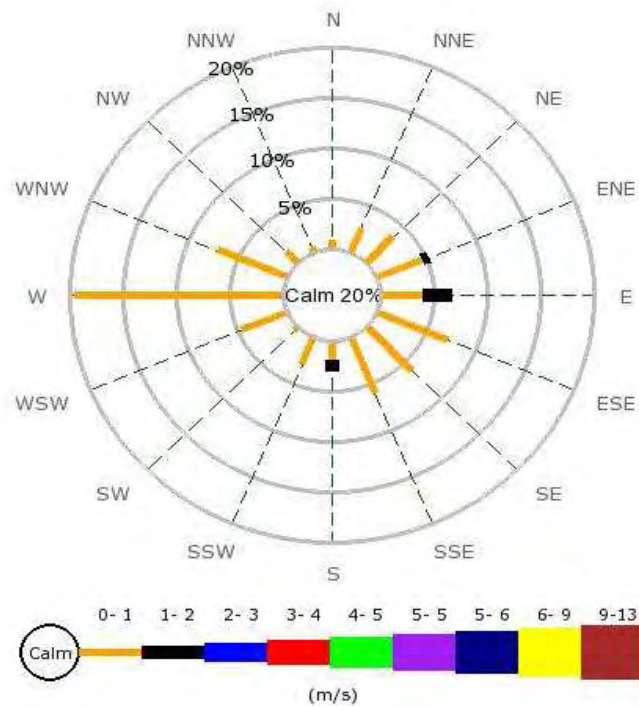


Figure K8.8 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 1: Yakima Valley Receptor, Ambient, & Quality Control Sites

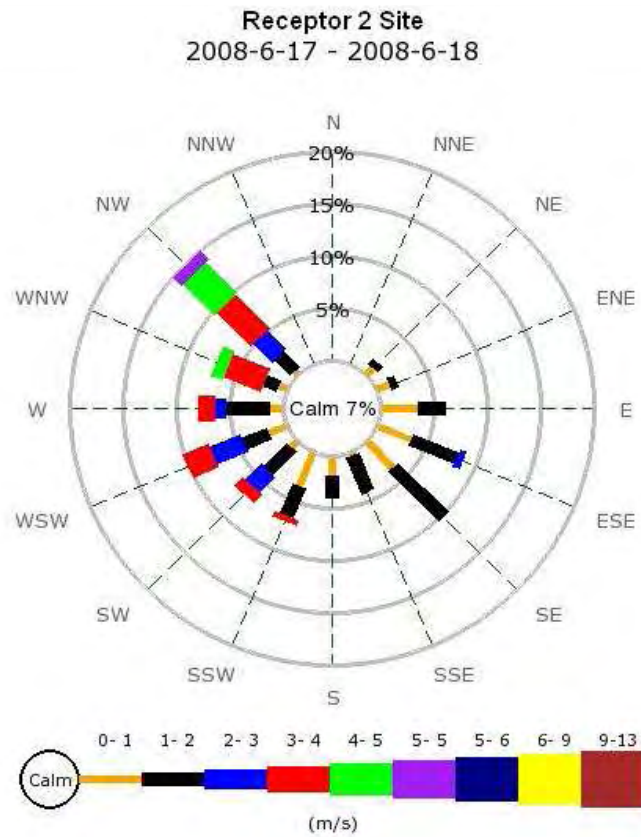


Figure K9.1 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

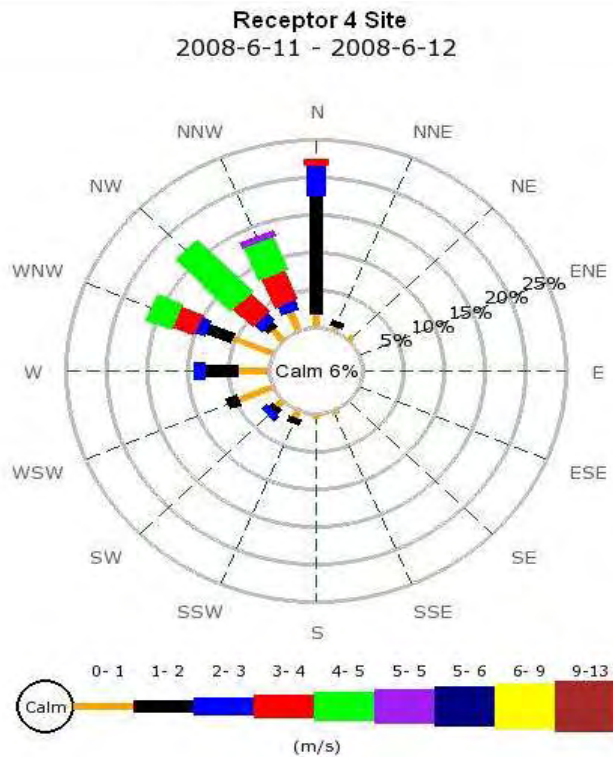


Figure K9.2 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

Receptor 4 Site
2008-6-13 – 2008-6-14

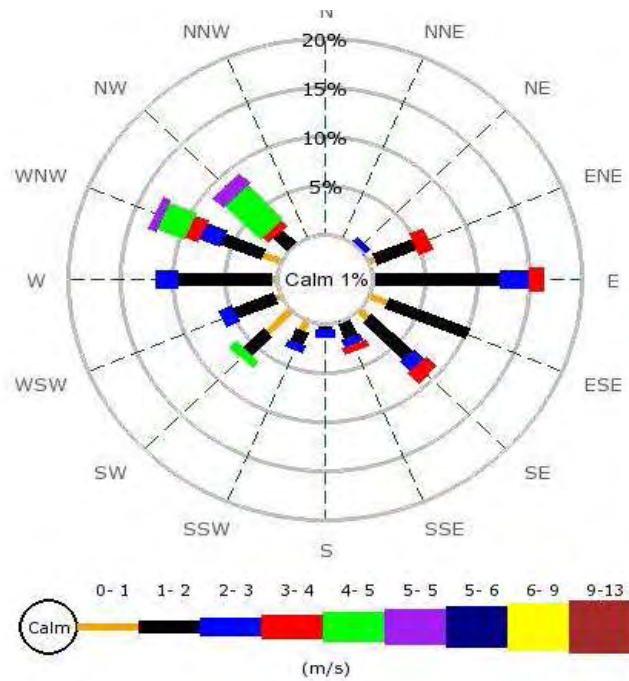


Figure K9.3 Wind Speed (m/sec) and Direction by Study Period by Peak Days
Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

Receptor 4 Site
2008-6-17 – 2008-6-18

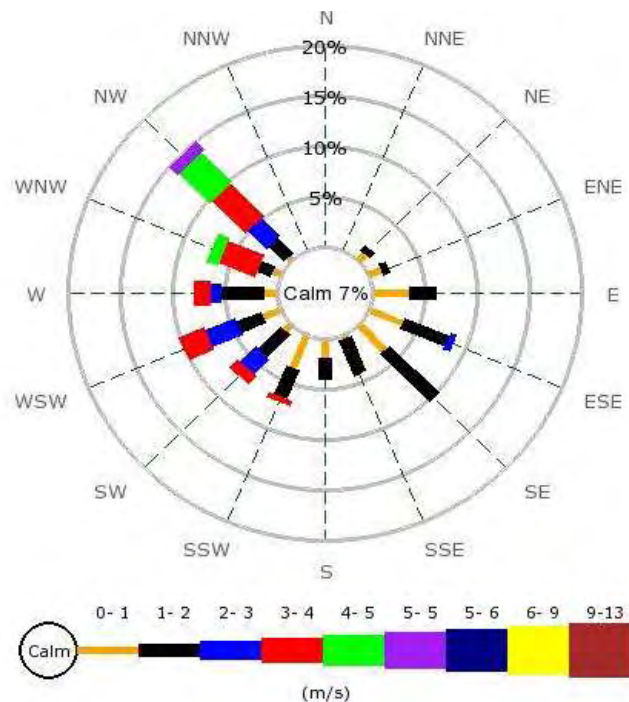


Figure K9.4 Wind Speed (m/sec) and Direction by Study Period by Peak Days
Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

Receptor 4 Site
2008-6-20 – 2008 6-21

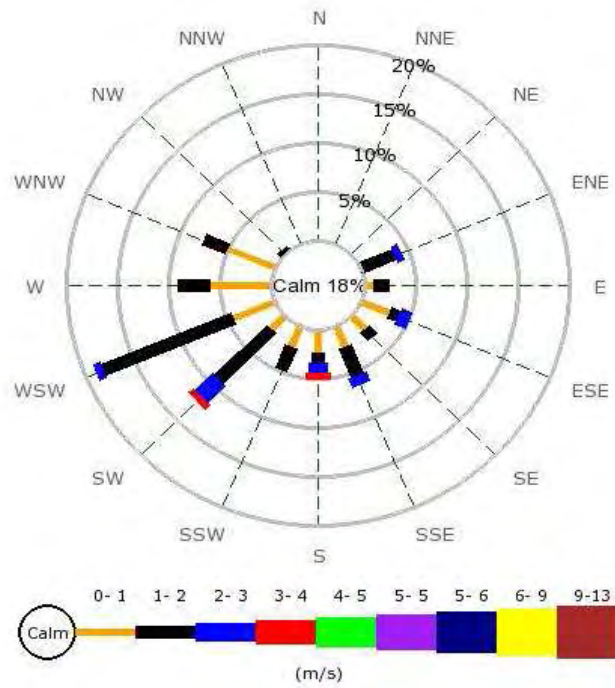


Figure K9.5 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

Quality Control Site
2008-6-20 – 2008-6-21

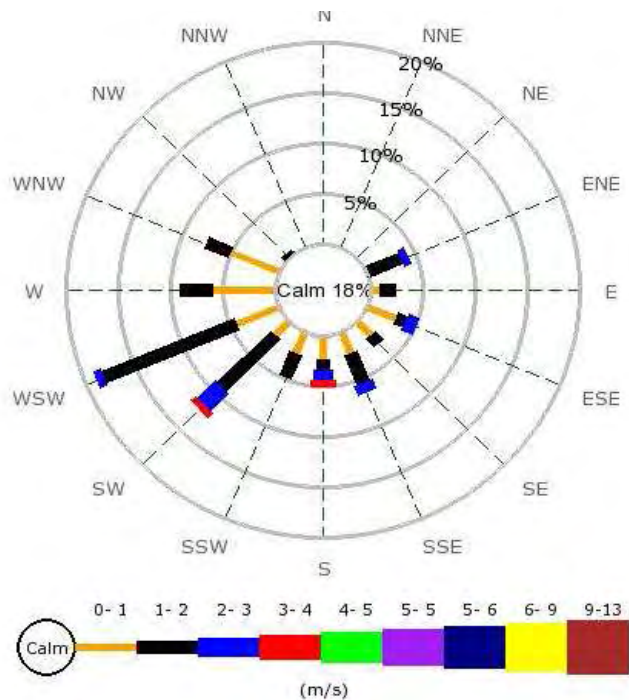


Figure K9.6 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

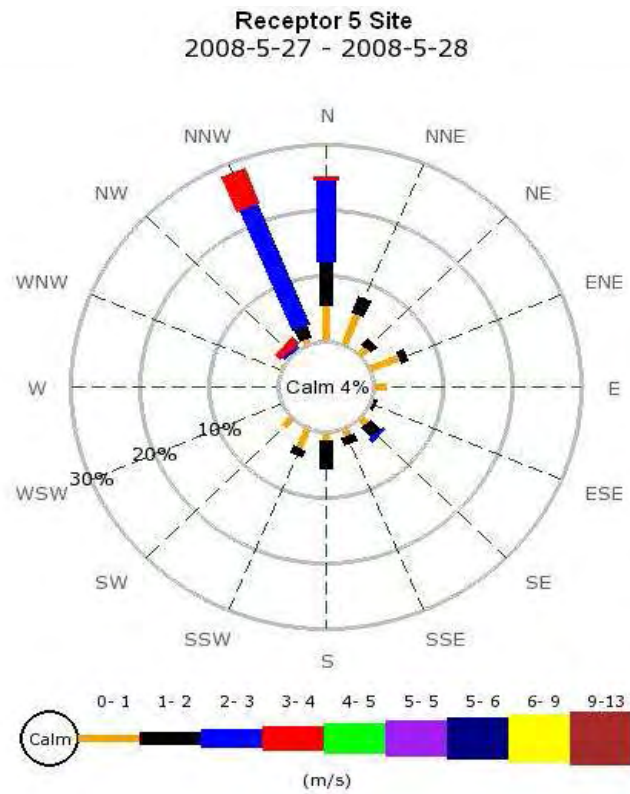


Figure K9.7 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

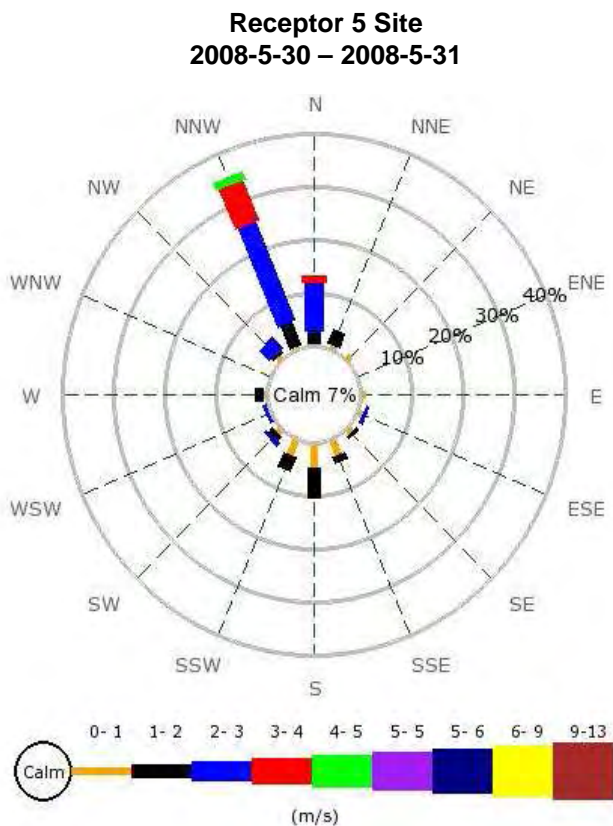


Figure K9.8 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

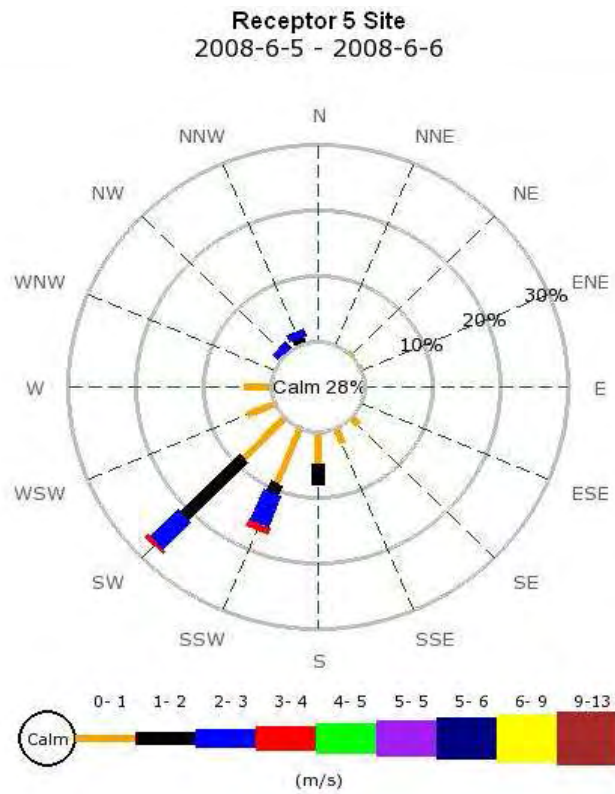


Figure K9.9 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

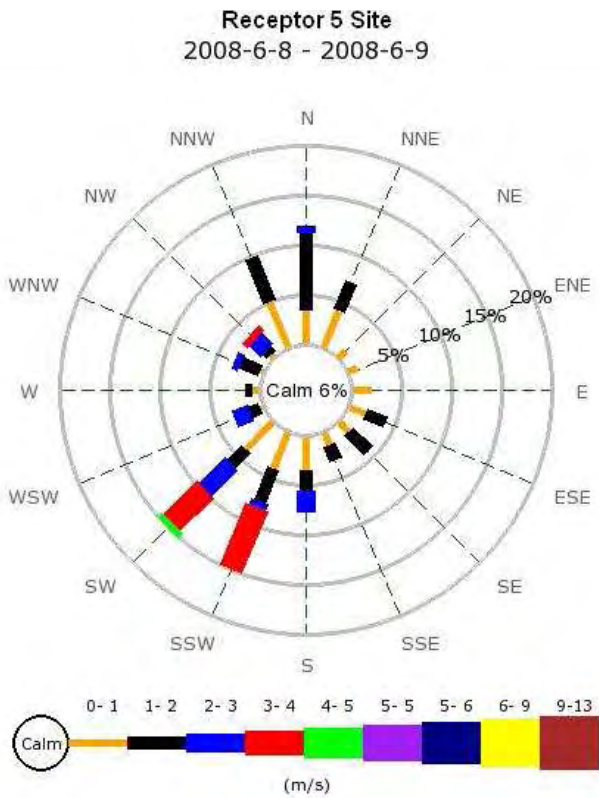


Figure K9.10 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

Receptor 5 Site
2008-6-11 – 2008-6-12

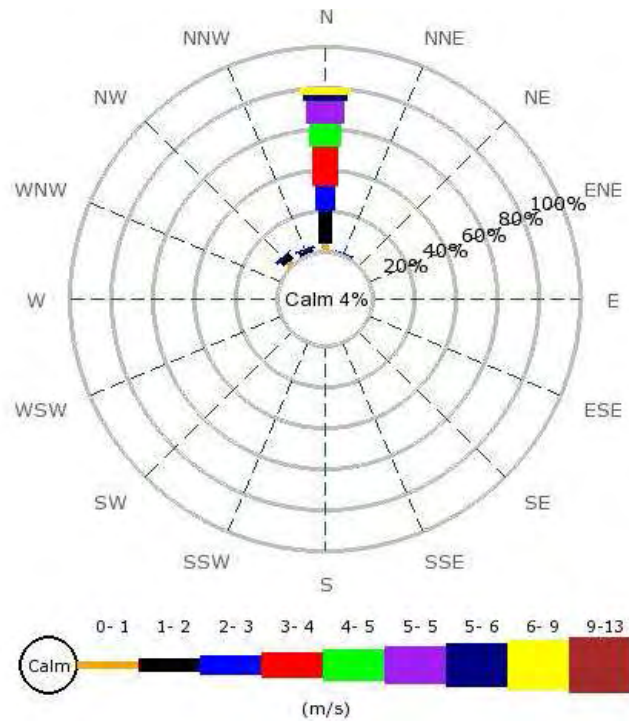


Figure K9.11 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites

Receptor 5 Site
2008-6-20 - 2008-6-21

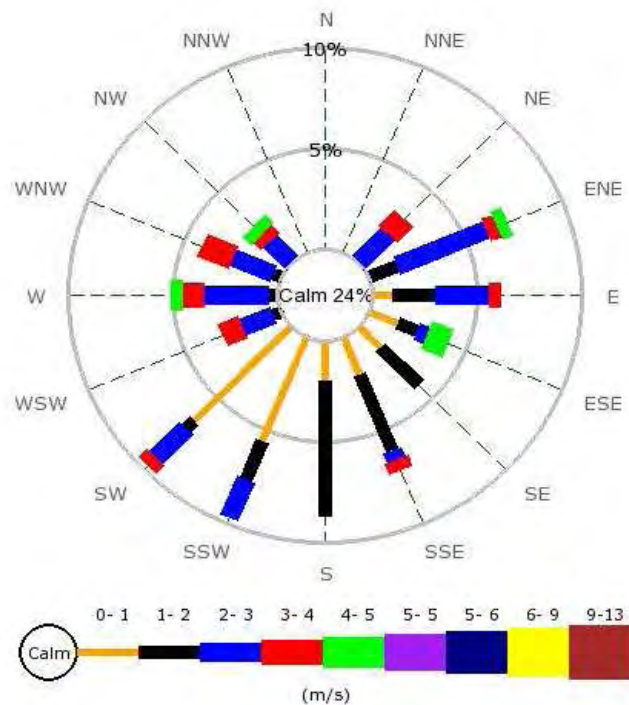


Figure K9.12 Wind Speed (m/sec) and Direction by Study Period by Peak Days
 Phase 2: Yakima Valley Receptor, Ambient, & Quality Control Sites