

APPENDIX D

NETWORK WAIVER REQUESTS

Burbank

The Palm Avenue Burbank air monitoring site was decommissioned During June, 2014 at the request of the property owner. Currently SCAQMD is working with LADWP to relocate to a site within one mile of the former site. EPA was informed of this closure via email in prior to its closure.

At the time of closure, the Burbank was the DV location for the Los Angeles CBSA with a 24 hour value of 30.8 ug/m³ and Mira Loma the basin DV at 36.6 ug/m³. This year the DV site for the Los Angeles is the Los Angeles Main site at 32.0 ug/m³ and basin DV Mira Loma at 36.6 ug/m³. SCAQMD is working in consultation with EPA to establish a new site to represent Burbank in FY 2015-2016. It is requested a waiver be granted for suspension of monitoring until a suitable replacement site can be located. Even with the site closure, SCAQMD exceeds the minimum monitoring requirements for all criteria pollutants and monitoring programs.

Long Beach

The North Long Beach air monitoring site was decommissioned during September, 2013 at the request of the property owner. Currently SCAQMD is working with Long Beach Public Health to relocate to a site within one mile of the former site. EPA was informed of this closure via email in prior to closure. A separate smaller site at the rear of the facility remains open measuring PM_{2.5} FRM particulate.

Even with the site closure, SCAQMD exceeds the minimum monitoring requirements for all criteria pollutants and monitoring programs. SCAQMD is working in consultation with EPA to establish a new site to represent Burbank in FY 2015-2016. It is requested a waiver be granted for suspension of monitoring until a suitable replacement site can be located.

Ontario

The Ontario (Fire Station) air monitoring site was decommissioned during June, 2014 at the request of the property owner. Currently SCAQMD is working with San Bernardino County Public Health to consolidate measurements with nearby sites. EPA was informed of this closure via email prior to its closure. At the time of closure, Ontario was a collocated site for PM₁₀. In order to meet the minimum collocation requirements a PM₁₀ was relocated to the Mira Loma (Van Buren) site.

Even with the site closure, SCAQMD exceeds the minimum monitoring requirements for all criteria pollutants and monitoring programs. It is requested a waiver be granted to discontinue monitoring at Ontario.

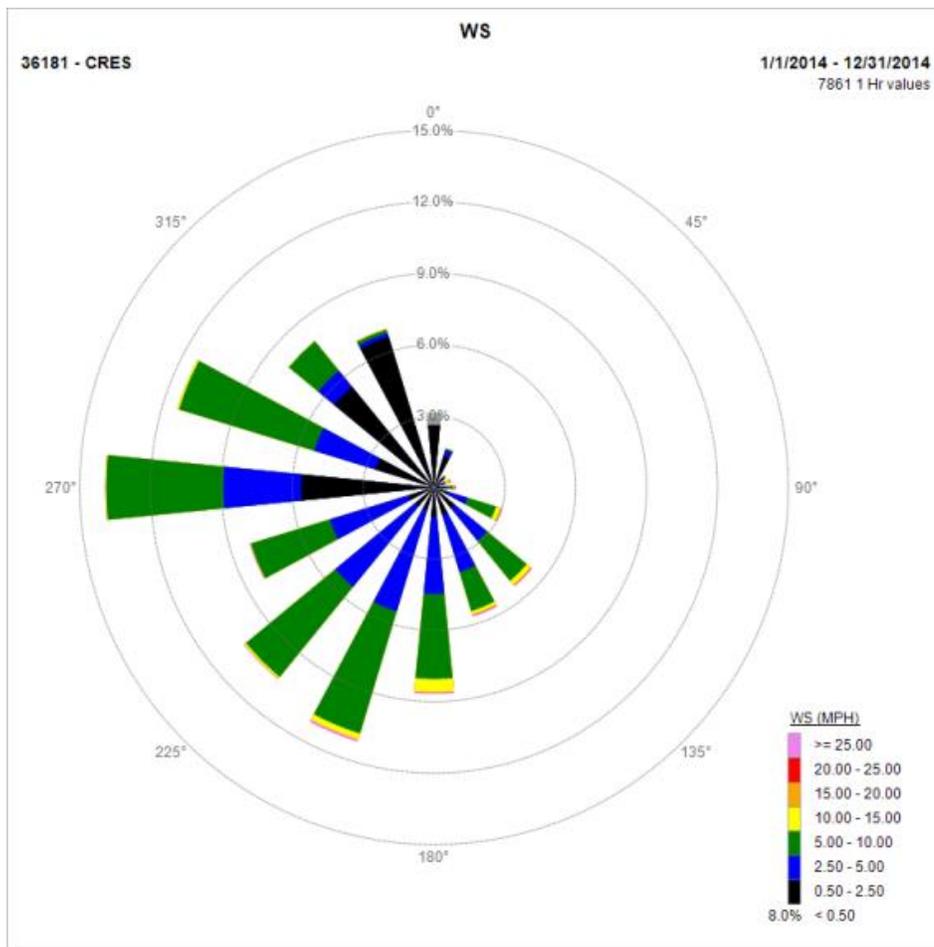
Riverside Magnolia

The Riverside Magnolia air monitoring site was decommissioned during March 2015 at the end of the lease due to safety issues. Currently SCAQMD is assessing relocation of the site and considering underrepresented areas identified in the 5 year network assessment. EPA was

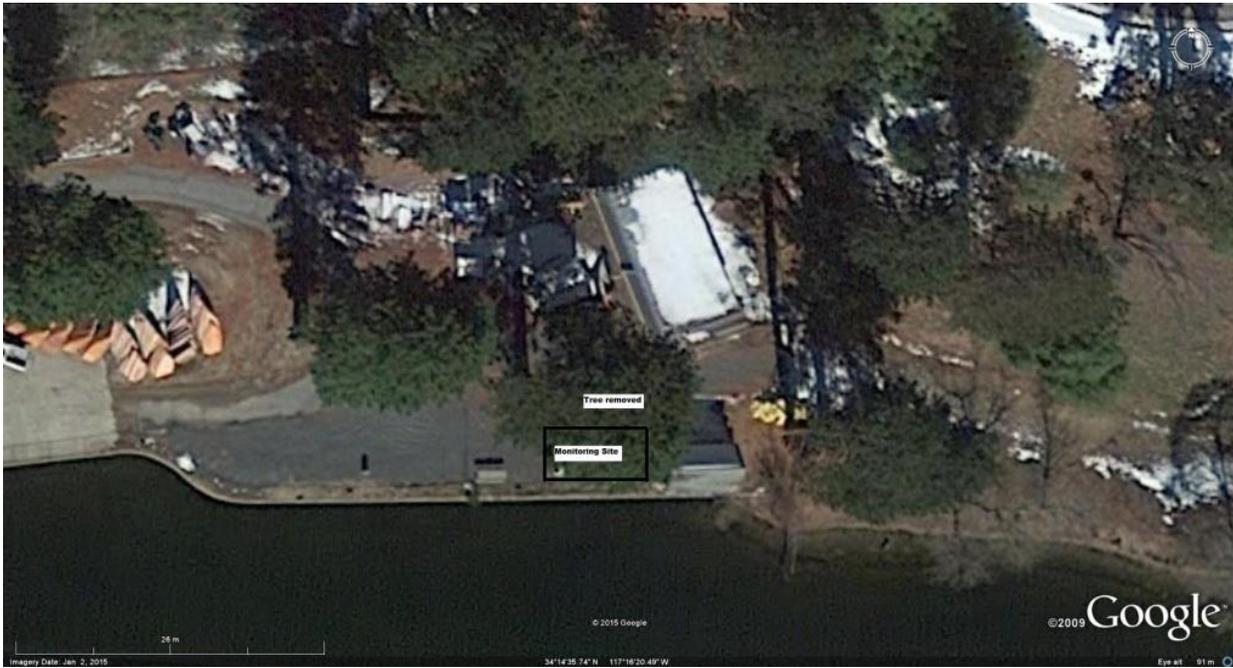
informed of this closure via email prior to its closure. Even with the site closure, SCAQMD exceeds the minimum monitoring requirements for all criteria pollutants and monitoring programs. It is requested a waiver be granted to discontinue monitoring until a suitable replacement site is identified, and located based upon the 5 year network assessment.

Crestline

The Crestline air monitoring site is located on the grounds of the Lake Gregory, San Bernardino County Regional Park within the San Bernardino National Forest. The site began operation in October, 1973 and has at times been a design value site for ozone. Since the time of its inception, trees adjacent to the facility have grown to a height greater than the inlet probe. Because these trees are parallel to the site a majority of the time they are not considered an obstruction per 40 CFR 58 Appendix E. Readings remain unaffected since the nearest tree is at 10 meters from the inlet probe and the predominant wind direction is from the west. A wind rose showing direction for 2014 is shown below. It is requested a waiver be granted for siting at Crestline based on predominant wind direction and continuity of data.



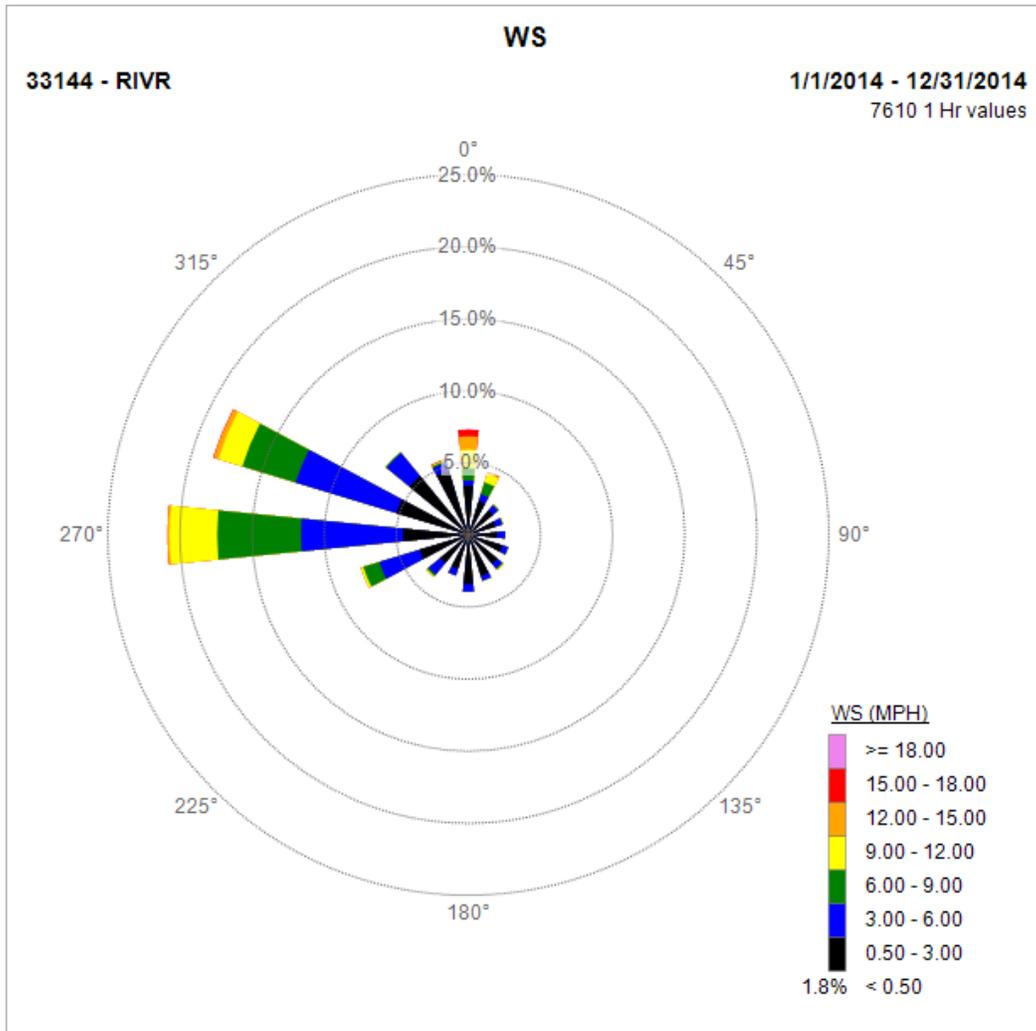
Crestline Wind Data 2014



Crestline Satellite View

Rubidoux

The Rubidoux air monitoring site is located on property owned by Southern California Edison. The site began operation in September, 1972. Since that time trees north east of the particulate samplers have grown to a height exceeding siting criteria; however measurements remain unaffected since the predominant wind direction is parallel to trees. Contract revisions are currently being negotiated with Southern California Edison to allow for extra space to move the particulate samplers further from trees to better meet EPA siting criteria. The changes to the contract and particulate sampler move are expected to take place during 2015. A waiver is requested to continue monitoring while monitors can be moved to better meet EPA siting criteria.



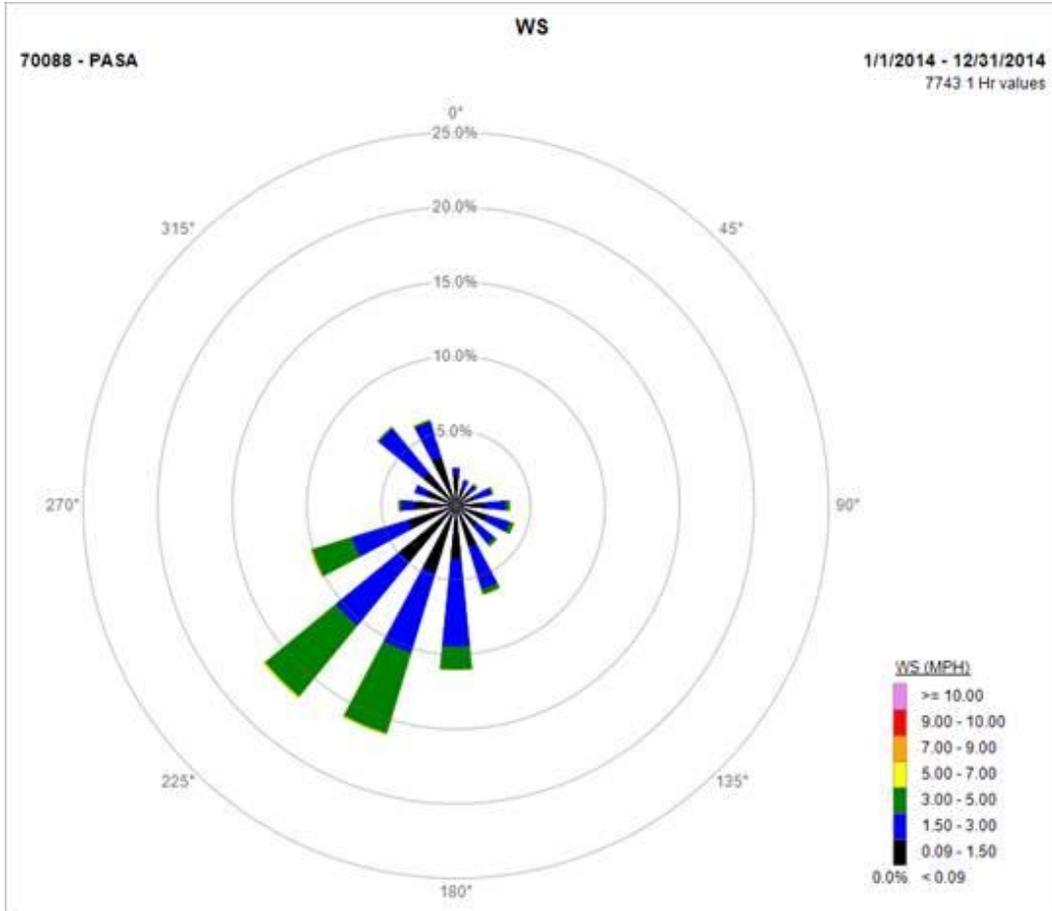
Rubidoux Wind Data 2014



Rubidoux Satellite View

Pasadena

The Pasadena air monitoring site is located on property owned by Caltech Pasadena. The site began operation in April, 1982. Since that time trees east and west of the particulate samplers have grown to a height exceeding siting criteria and while they can be considered an obstruction, it is requested a waiver be granted to continue morning based on population exposure. Longer term the site is being examined in the 5 year network assessment for consolidation with nearby sites. Decisions regarding site consolidation will be made in consultation with EPA Region IX representatives. It is requested a waiver be granted for siting at Pasadena until the site can be moved to a more representative location.



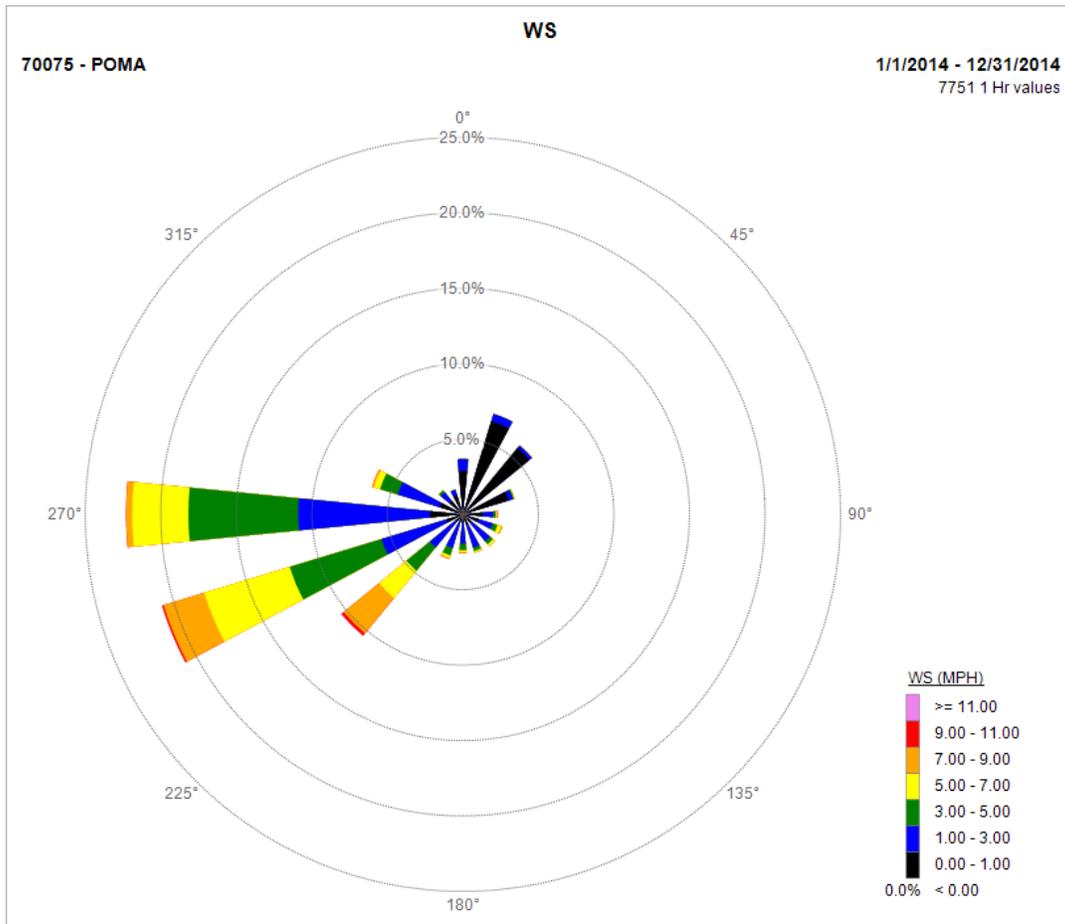
Pasadena Wind Data 2014



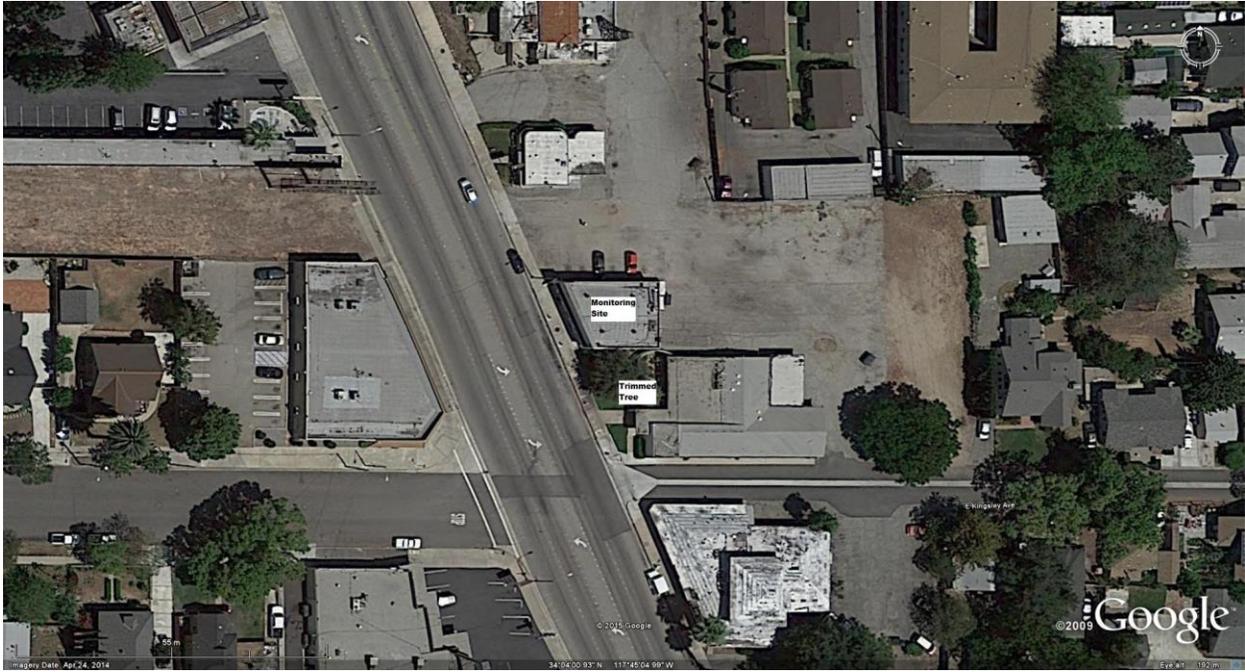
Pasadena Satellite View

Pomona

The Pomona air monitoring site has been in operation since June, 1965. The site was originally a microscale site for carbon monoxide. Since the time of inception it was noted trees south of the site grew to be an obstruction, however they were trimmed during December, 2014 to a height below the inlet. It is requested a waiver be granted for Pomona based on site maintenance and data continuity until the 5 year network assessment is complete and recommendations for the site can be discussed and implemented.



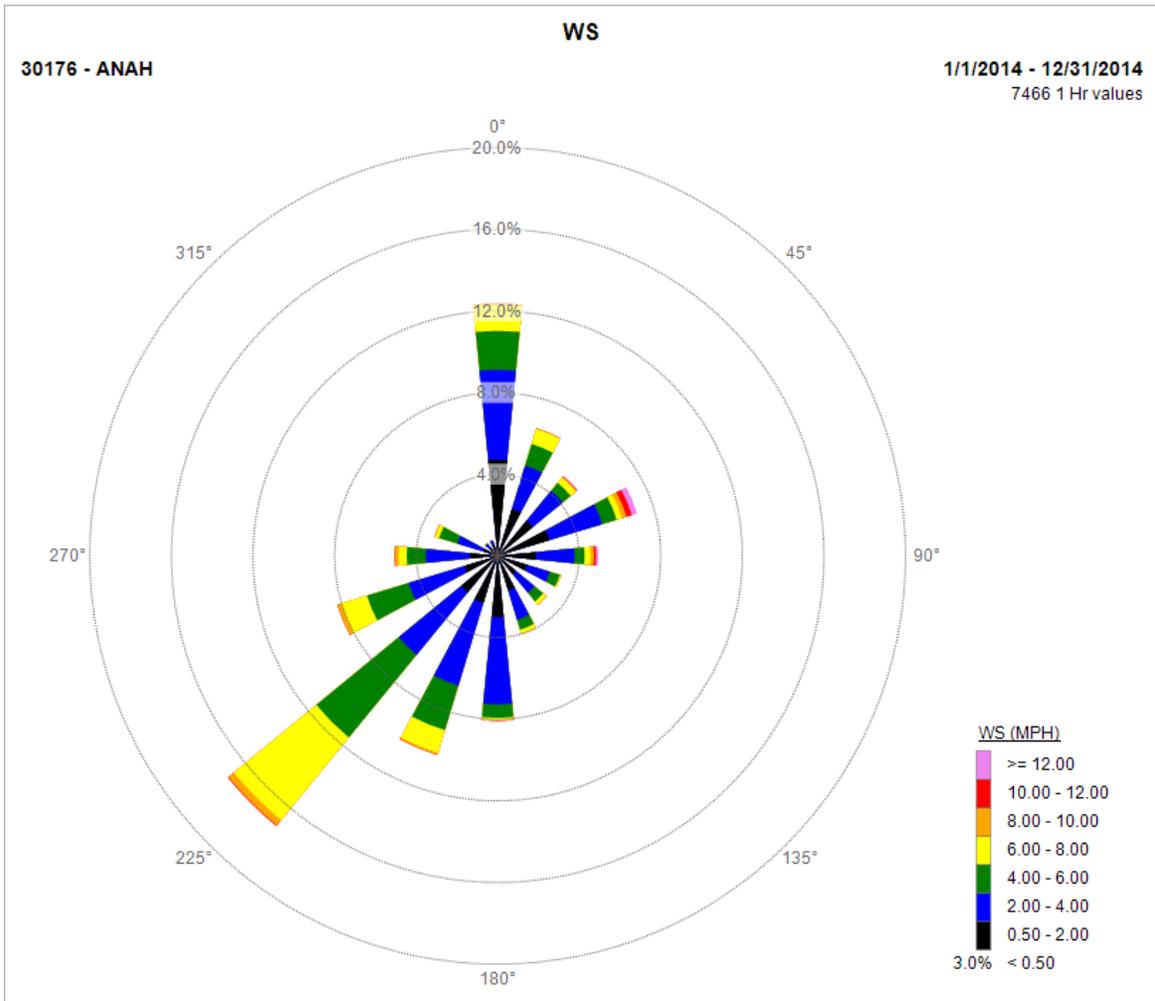
Pomona Wind Data 2014



Pomona Satellite View

Anaheim

The Anaheim air monitoring site is located on Anaheim City School District property. The site began operation in August, 2001. The site was originally anticipated as a temporary location however since then it has become permanent. Because of this there are siting issues including palm trees and proximity to the nearest traffic lane of the residential street (at 8m north from the inlet probes). Measurements remain unaffected predominant majority of the time the wind direction is from the south, the palm trees are minimal obstruction, and traffic is residential. It is requested a waiver be granted for siting at Anaheim based on the preceding data. Longer term the site is scheduled to be renovated placing the inlet probes at greater than 10m from the traffic lanes and trees.



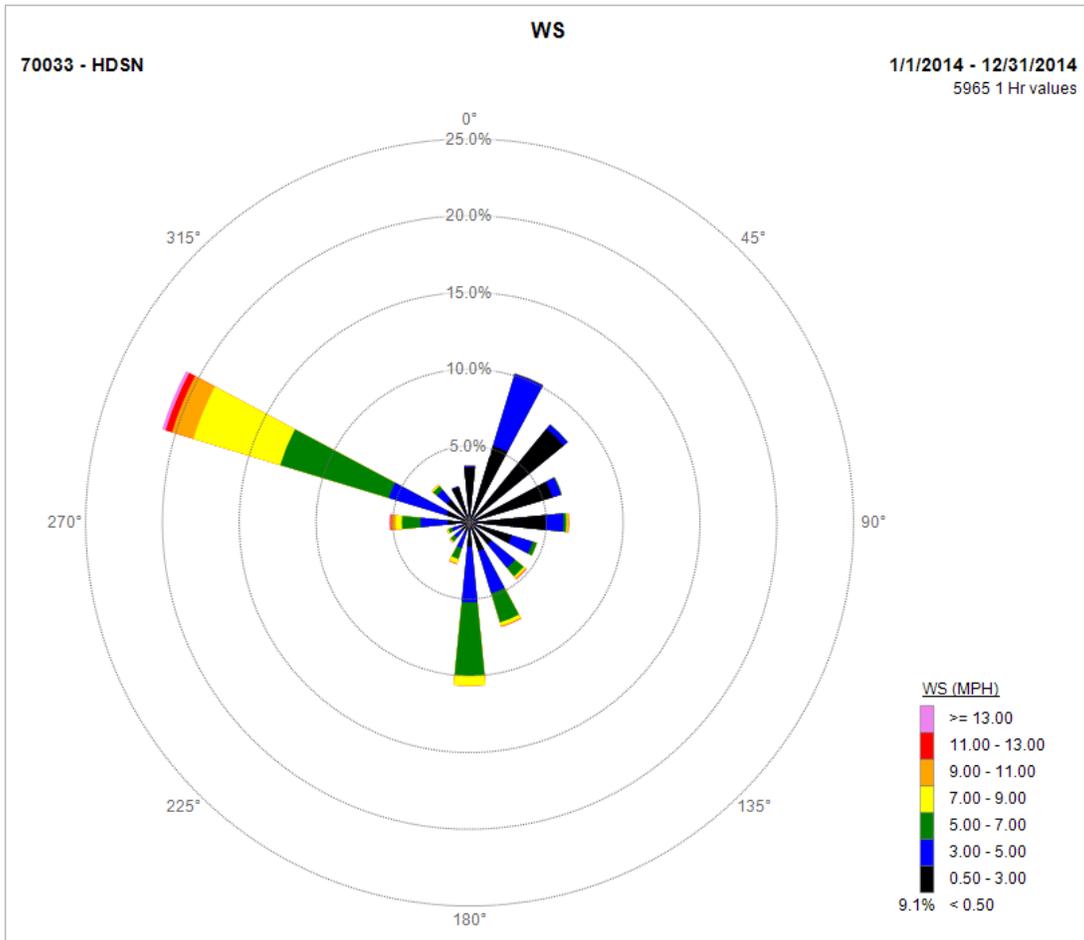
Anaheim Wind Data 2014



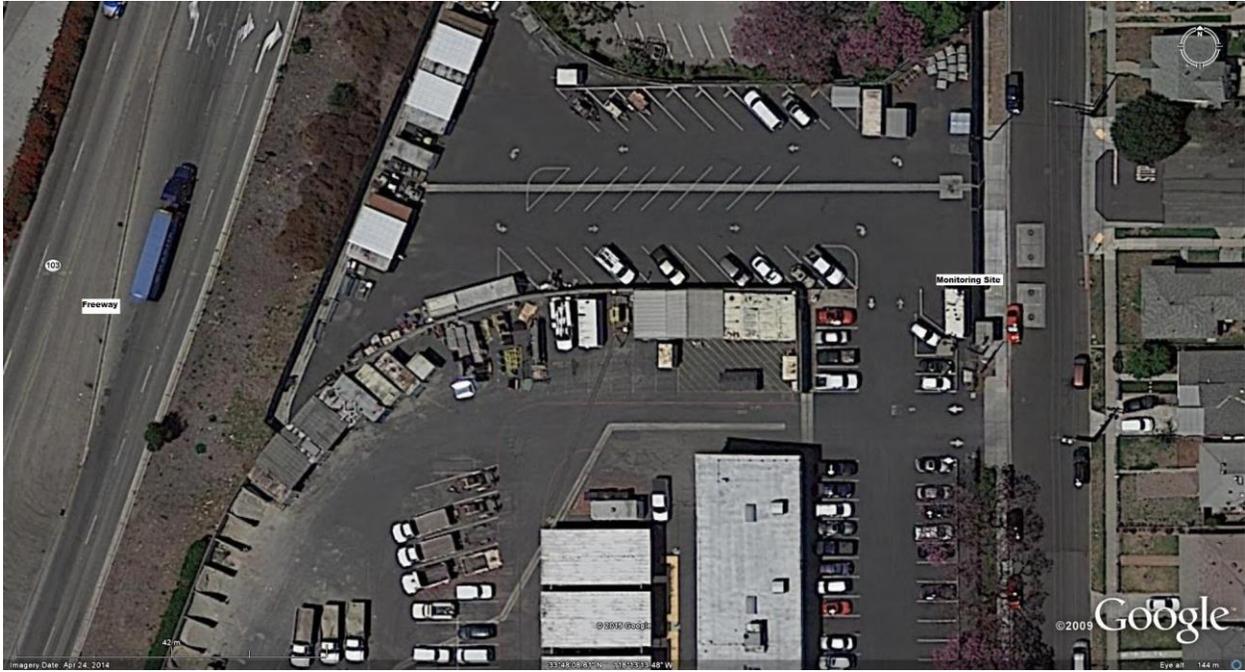
Anaheim Satellite View

Hudson

The Hudson air monitoring site is located on Long Beach Unified School District property. The site began operation as part of the MATES IV project. The site was originally anticipated as a temporary location however since then it has become permanent, monitoring potential emissions from the nearby the ports of Los Angeles, Long Beach and Terminal Island Freeway. Because of this there are siting issues including proximity to the nearest traffic lane. Measurements remain unaffected since the predominant wind direction is from the south west and the roadway is to the east. It is requested a waiver be granted for siting at Hudson based on predominant wind direction. Longer term the site is being examined closely in the 5 year network assessment for consolidation with nearby sites.



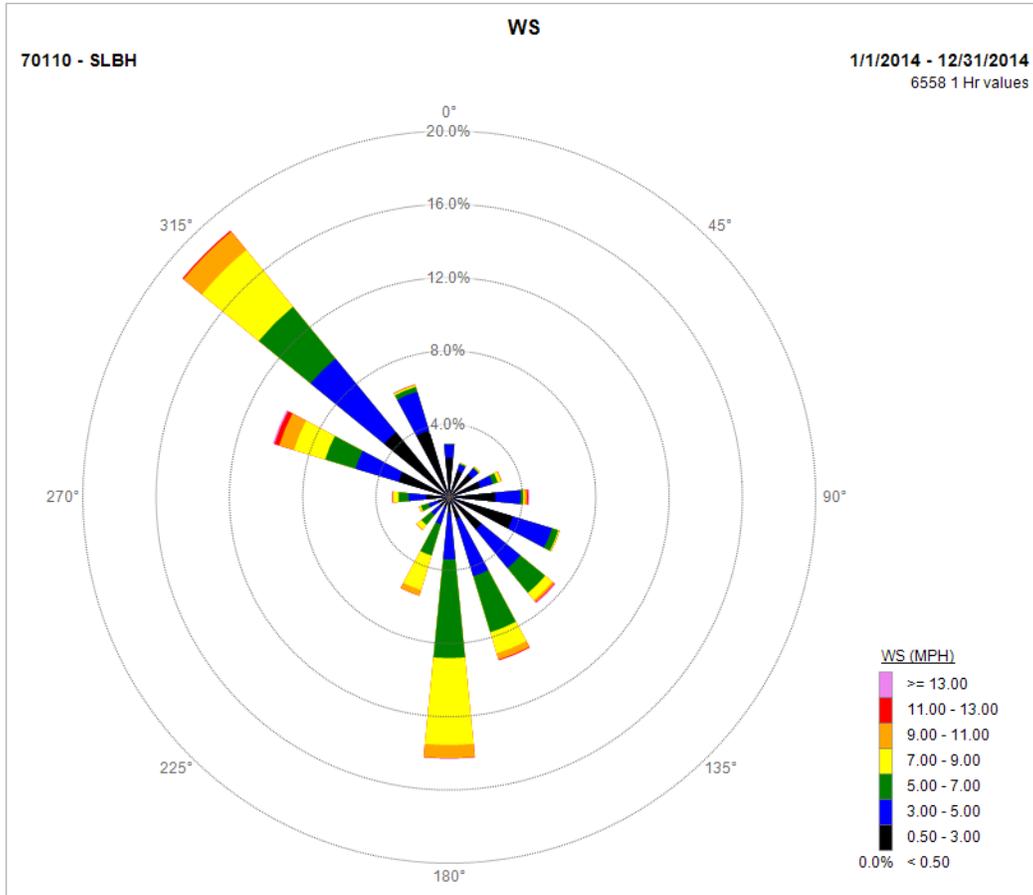
Hudson Wind Data 2014



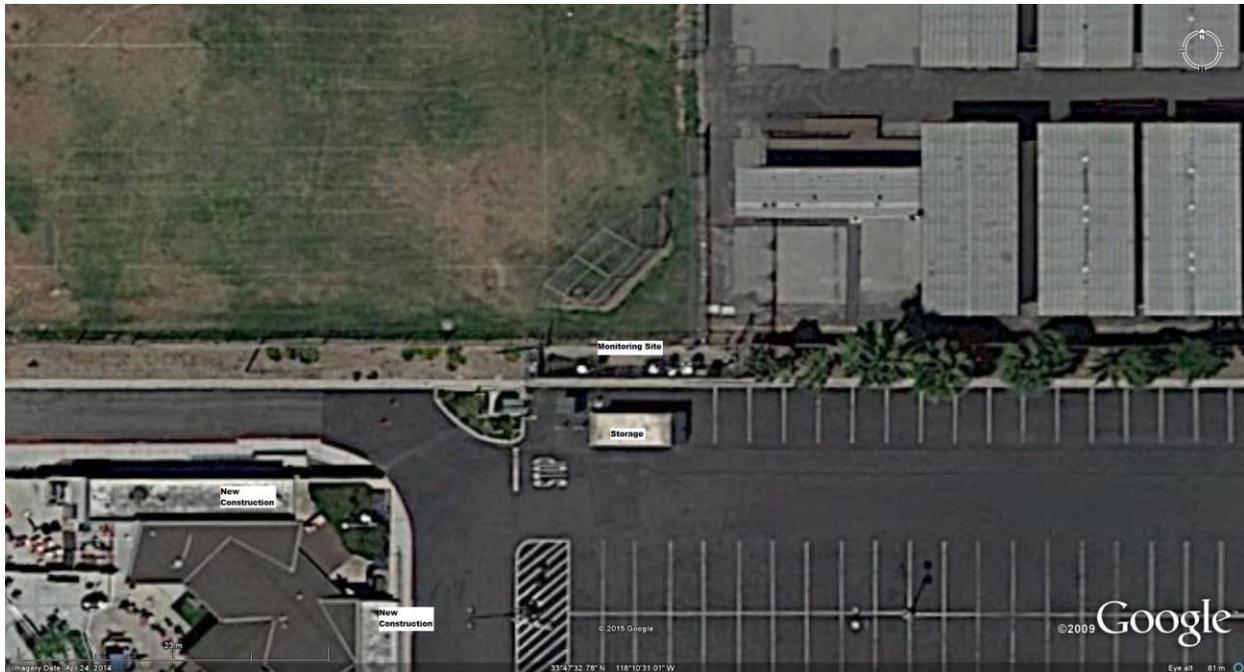
Hudson Satellite View

South Long Beach

The South Long Beach air monitoring site is located on the Long Beach City College campus. The site was established to focus on particulate emissions from the Ports of Long Beach and Los Angeles. Since the inception of the site, the college has expanded, storing temporary containers nearby, constructing new buildings and expanding parking. Because of this there are potential siting issues. It is requested a waiver be granted for siting at South Long Beach based on predominant wind direction and continuity of data collection focused on population exposure. Longer term the site is being examined closely in the 5 year network assessment for consolidation with nearby sites.



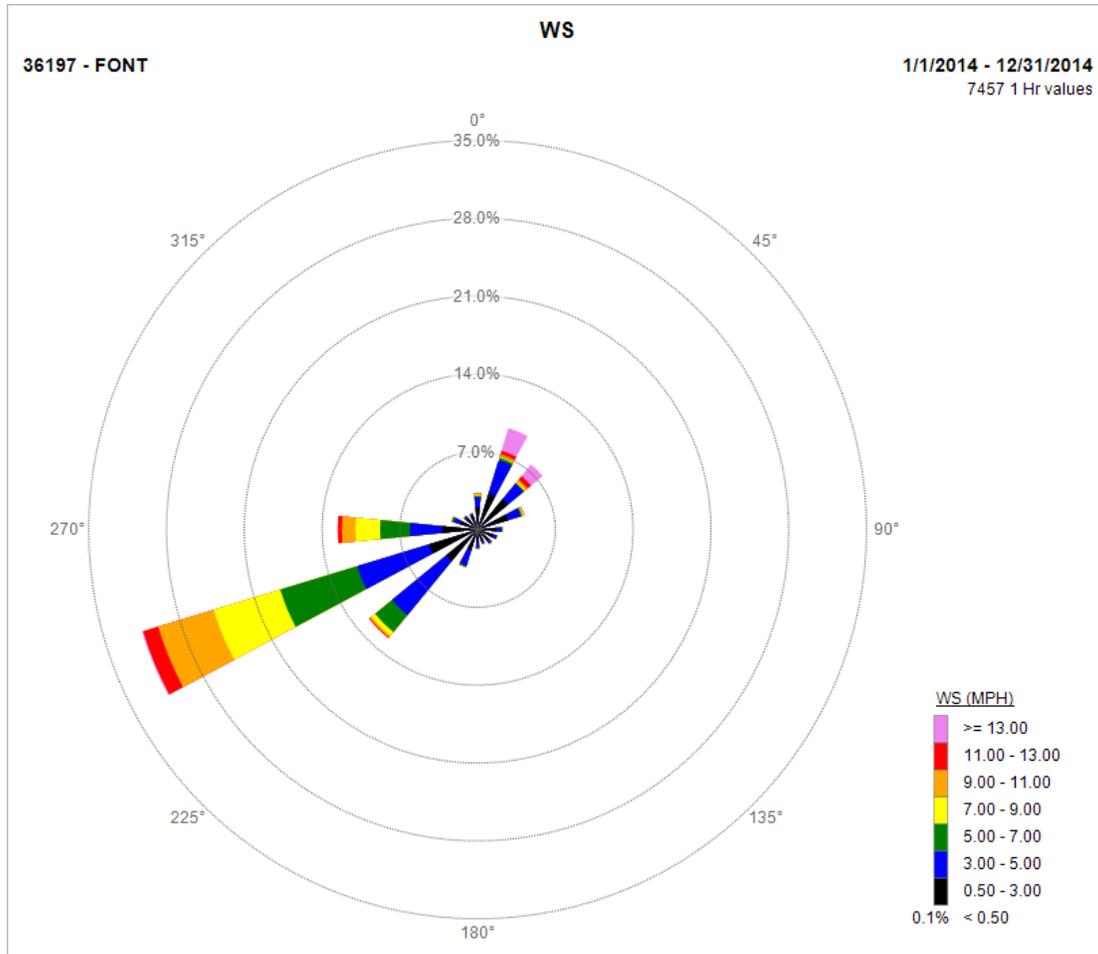
South Long Beach Wind Data 2014



South Long Beach Satellite View

Fontana

The Fontana air monitoring site has been in operation since August, 1981. Since the time of inception it was noted a wall downwind of the site exceeded the height of the inlet probes as did a nearby building. The adjacent wall and building are greater than the 2m minimum distance requirement and meet the, “twice the height that the obstacle protrudes above the probe, inlet, or monitoring path” requirement in 40 CFR 58 Appendix E. Measurements also remain unaffected since the predominant wind direction is from the south west. It is requested a waiver be granted for siting at Fontana.



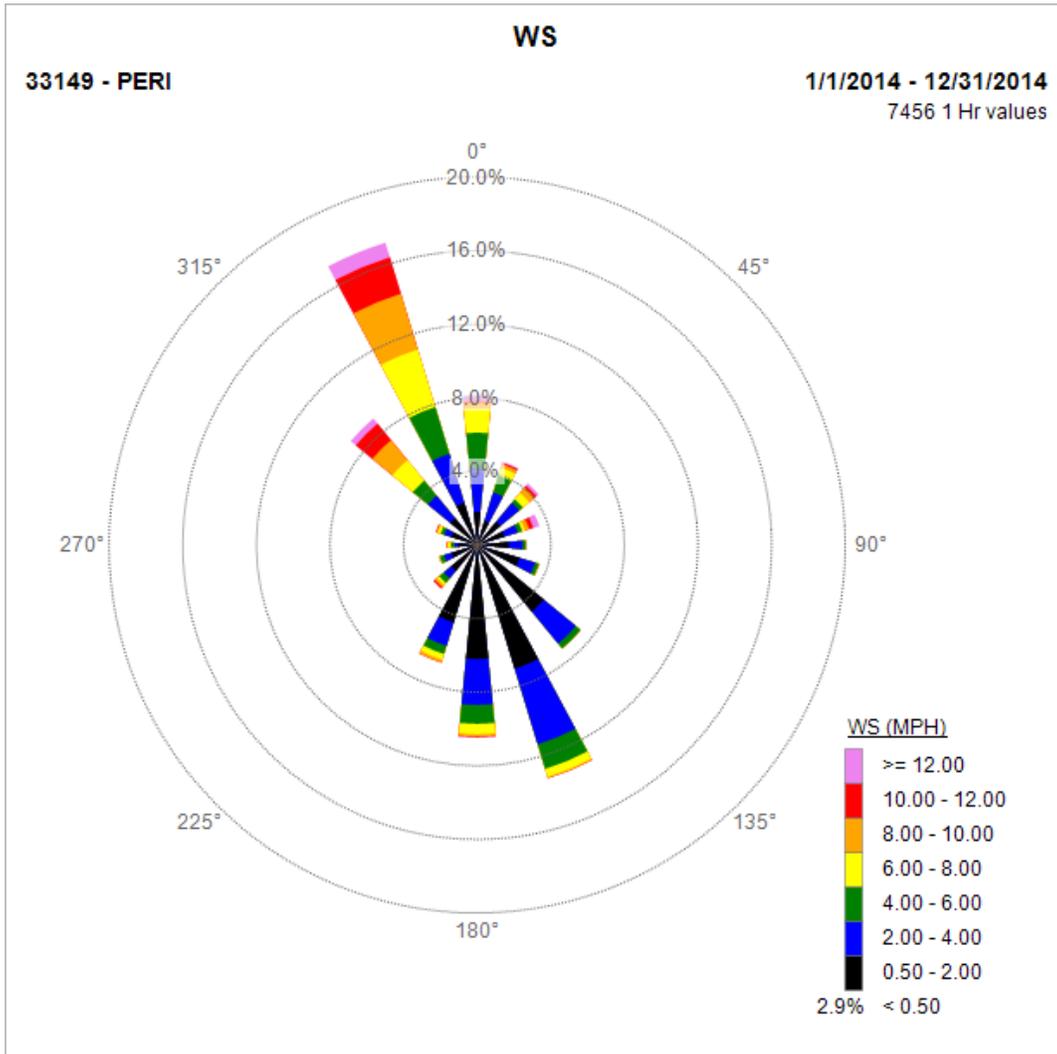
Fontana Wind Data 2014



Fontana Satellite View

Perris

The Perris air monitoring site has been in operation since August, 1981. Since the time of inception it was noted the nearby building and new fences have become an obstruction. While the nearby fences and building are an obstruction, it is requested a waiver be granted to continue morning based on population exposure. A new site is currently being sought to represent the Perris community and will be selected in consultation with EPA Region IX representatives.



Perris Wind Data 2014



Perris Satellite View