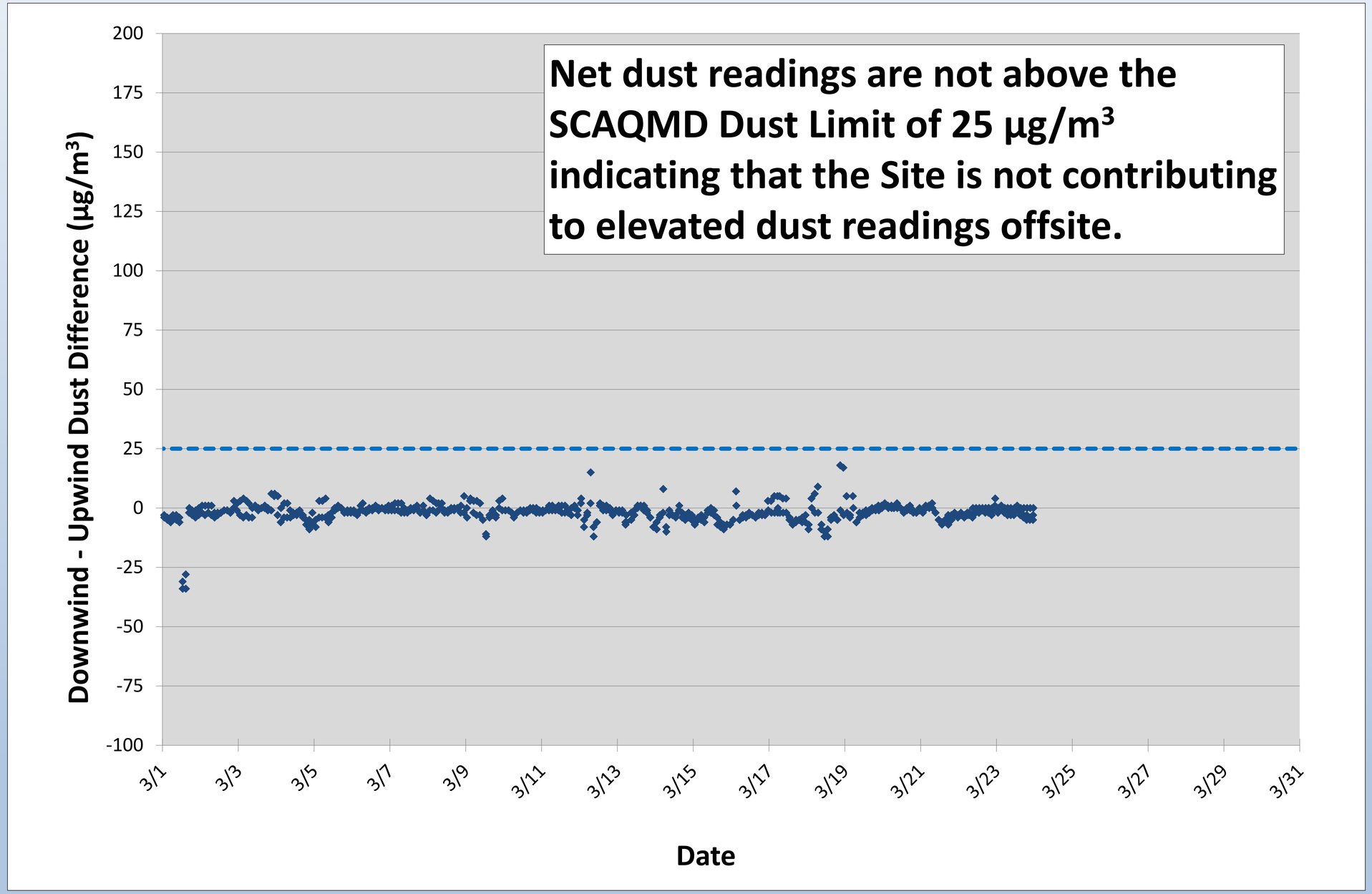
Onsite Dust Monitoring

3/1/2023 – 3/31/2023

Net Dust (All Downwind Stations)



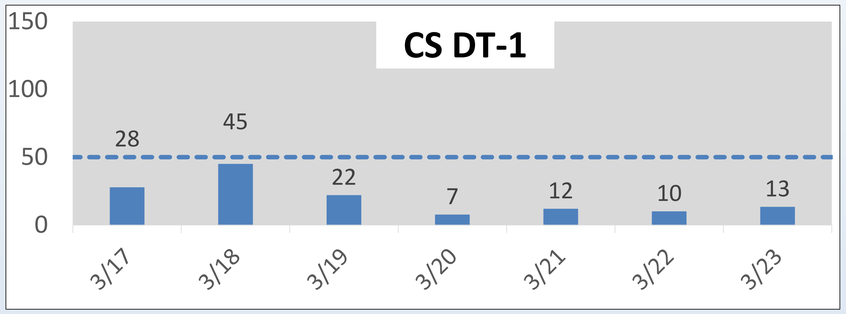
Net dust represents the dust that may be leaving the Site. This is determined by subtracting upwind data (dust blowing onto the Site from other sources) from downwind data. This helps us monitor that dust control actions are effective.

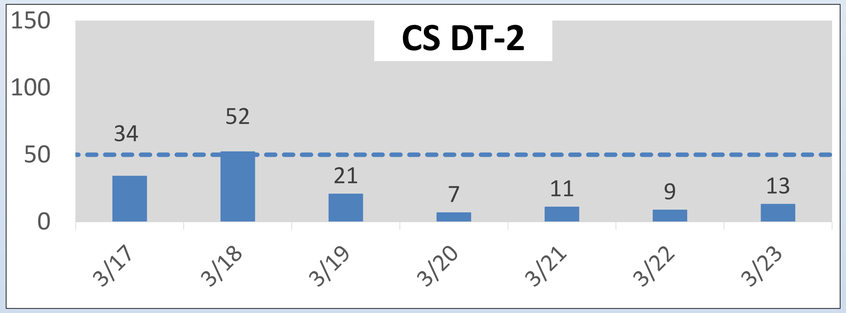
Offsite Dust Monitoring

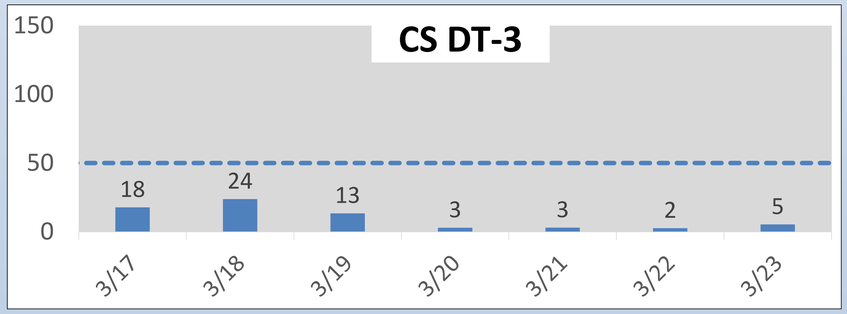
Total dust readings including upwind dust contribution

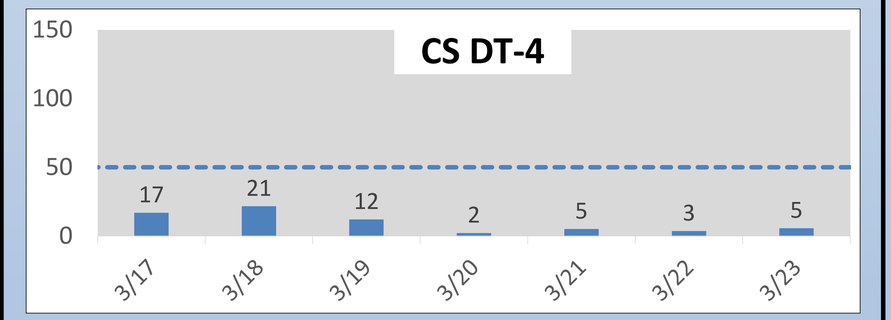
Weekly – 3/17/2023 – 3/23/2023

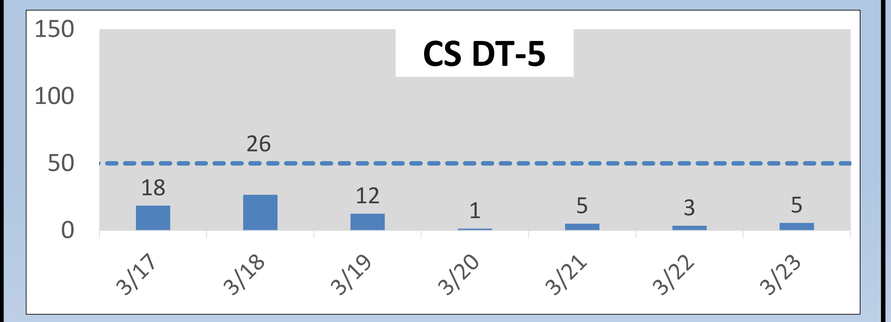
Individual Offsite Stations:
24-Hr Average Dust Readings (µg/m³)



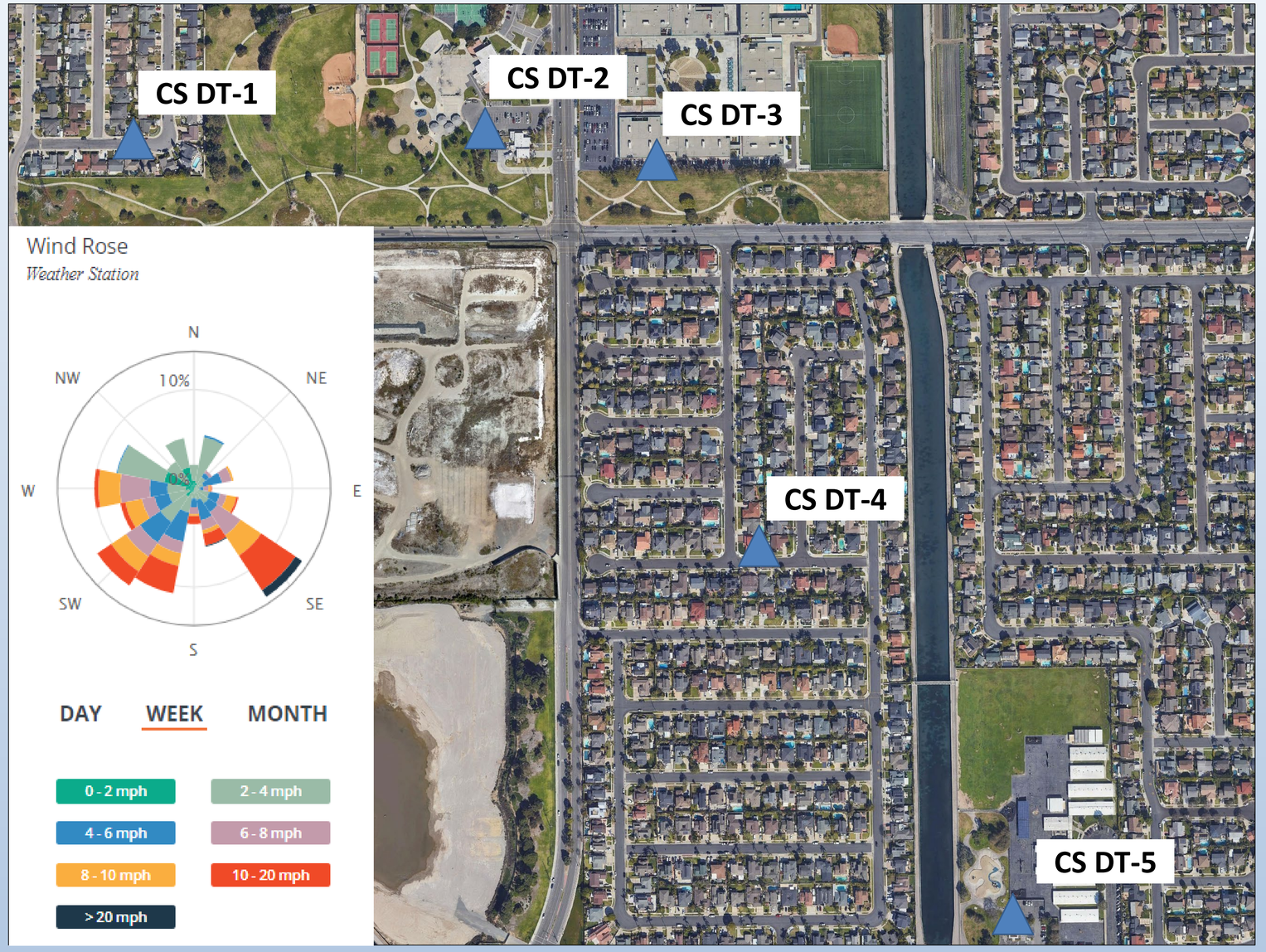




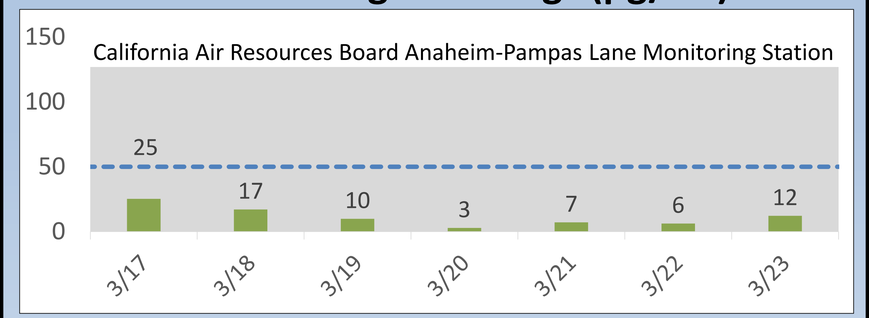




Notes: California Ambient Air Quality Standard for PM10 averaged over 24 hours is 50 µg/m³. National Ambient Air Quality Standard for PM10 averaged over 24 hours is 150 µg/m³.



South Coast Basin Regional PM10:
24-Hr Average Readings (µg/m³)



Closest regional station provided for comparison to regional trends.

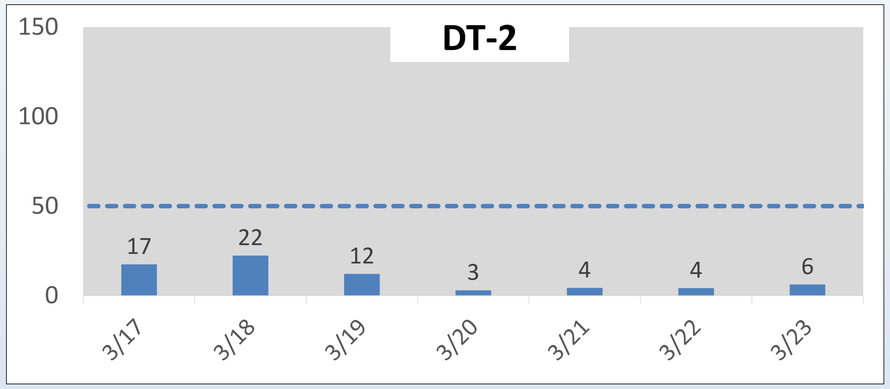
24-hour average concentrations were below air quality standards except for CS DT-2 on 3/18, which was related to one anomalous high 2-hour reading. Readings returned to lower values for the rest of the day. Additionally, winds were blowing primarily from the southeast during the period with high dust levels indicating the Site is not a source of high dust readings at CS DT-2.

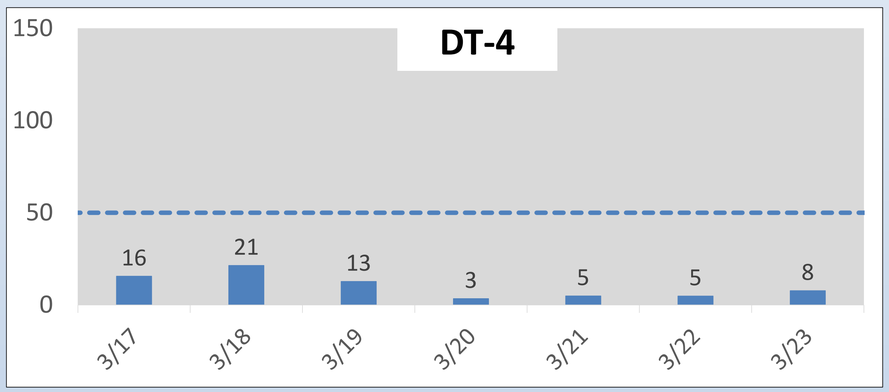
Onsite Dust Monitoring

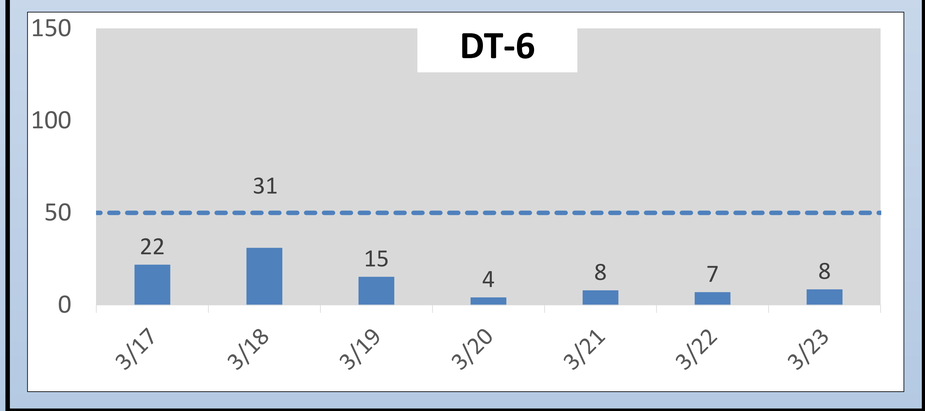
Total dust readings including upwind dust contribution

Weekly – 3/17/2023 – 3/23/2023

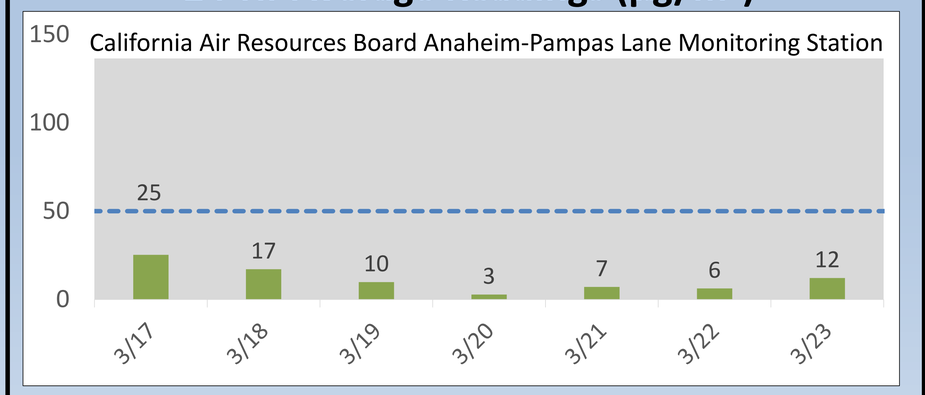
Individual Onsite Stations: 24-Hr Average Dust Readings (µg/m³)



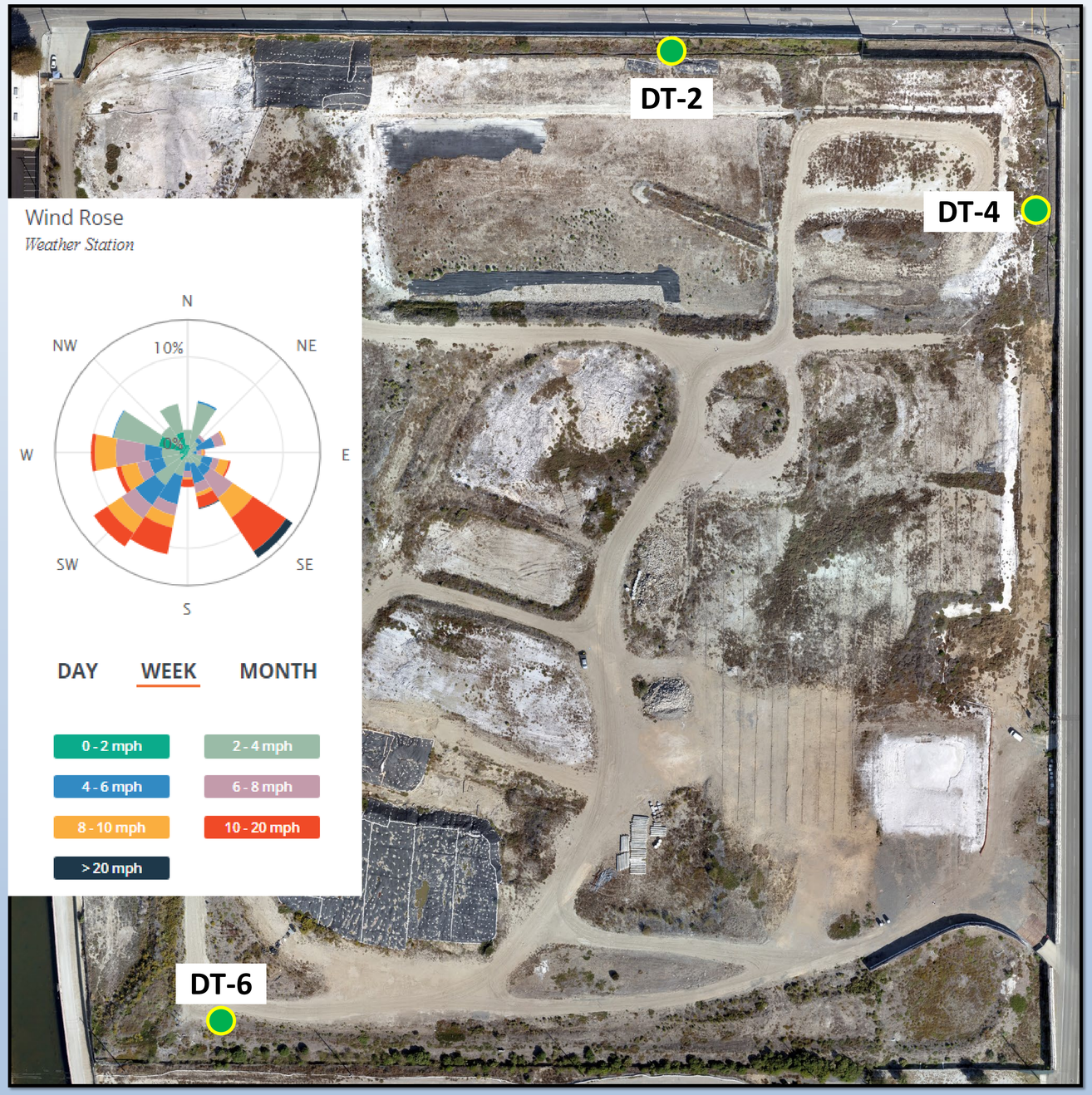




South Coast Basin Regional PM10: 24-Hr Average Readings (µg/m³)



Closest regional station provided for comparison to regional trends.



Notes: California Ambient Air Quality Standard for PM10 averaged over 24 hours is 50 µg/m³. National Ambient Air Quality Standard for PM10 averaged over 24 hours is 150 µg/m³.

24-hour average concentrations were below air quality standards. Winds were blowing primarily from the southeast and southwest with stronger winds >20 mph.