



Calexico-Mexicali Work Plan Update and Air Quality Trends



June 13, 2019

Border Region Funding Proposals Submitted

- Annual media campaign and surveys
- Continuation of air quality alerts and forecasts. Additional sites in Mexicali will be added.
- Evaluate windblown dust emissions in western Imperial County
- Improvements to on-road emission estimates in Baja California
- Automated License Plate Reader (ALPR) and Portable Emissions Acquisition System (PEAQS) at Calexico and San Diego Ports of Entry
- Providing monitoring equipment and parts for SPA BC
- Funding of a interactive educational game for use in Mexicali schools
- Exposure health study for sources in Imperial
- Identifying emissions hot spots in the Imperial-Mexicali border area

Actions Requiring Additional Focus

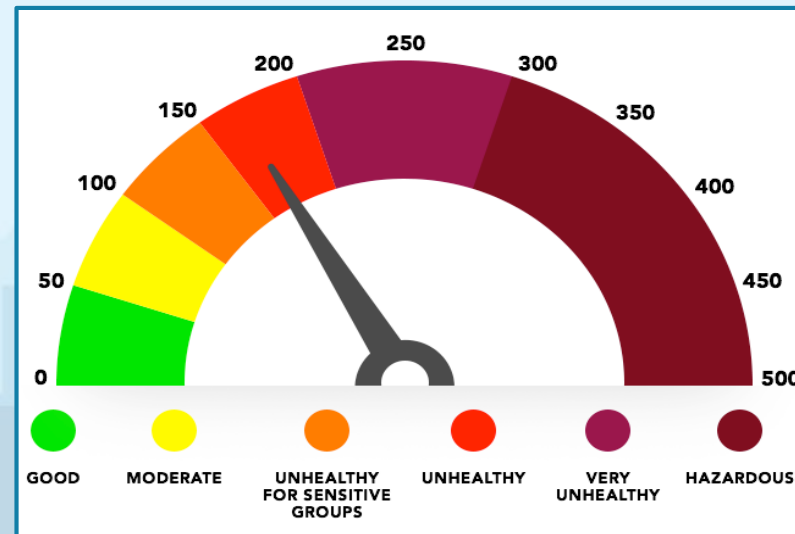
Imperial

- Continue discussions with BLM/DPR on off-highway vehicle (OHV) dust reduction strategies
- County ordinance on OHV trespassing to facilitate enforcement
- ALPR and PEAQS at the POE's
- Smog check stringency

Mexicali

- Bringing education of air quality into schools
- Agricultural burn rule
- Metric to track progress of environmental ordinance
- Unpaved road inventory, stabilization techniques, identifying funding, prioritization of paving
- Regulation on livestock farming to control PM and NH₃ emissions

Calexico and Mexicali PM Air Quality Trends (April-May 2017-2019)



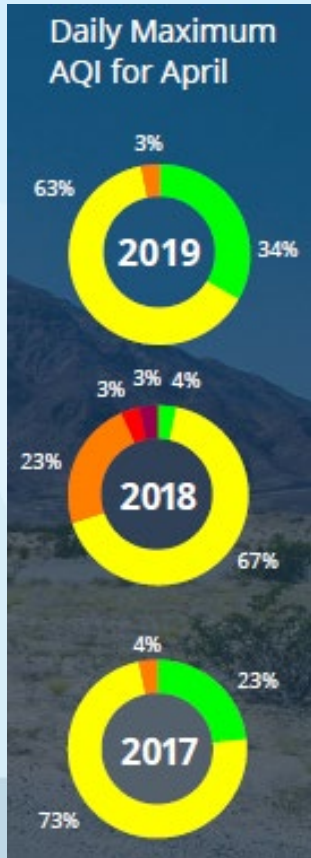
Imperial Air Quality Trends

April



In April 2019, AQI levels in the Imperial Valley were:

Good on 10 days
Moderate on 19 days
Unhealthy for Sensitive Groups on 1 day.

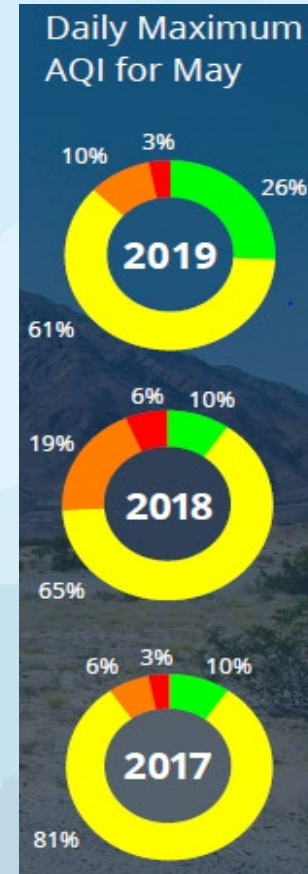


May



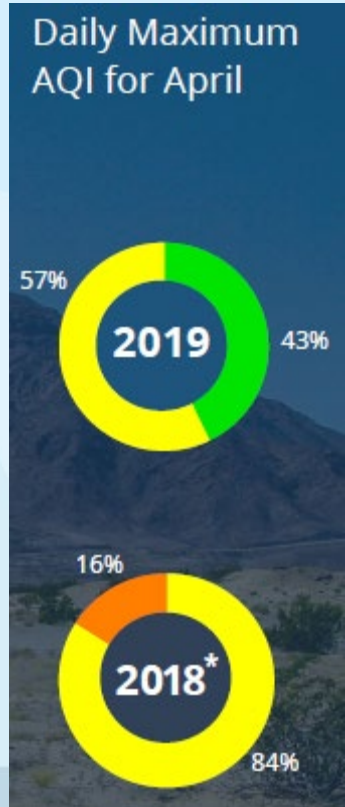
In May 2019, AQI levels in the Imperial Valley were:

Good on 8 days
Moderate on 19 days
Unhealthy for Sensitive Groups on 3 days
Unhealthy on 1 day



Mexicali Air Quality Trends

April

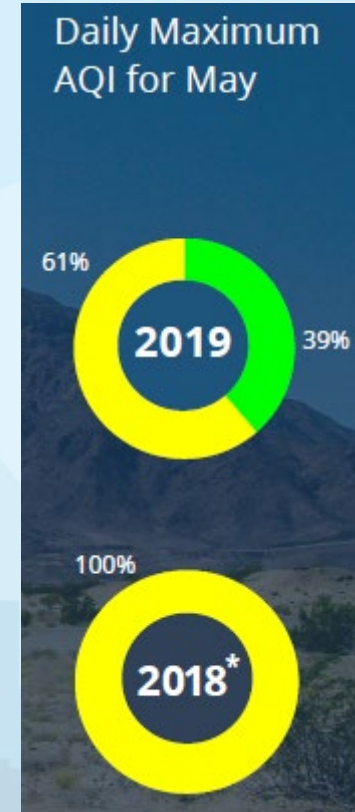


Air quality conditions in April 2019 were:

Good AQI on 13 days
Moderate on 17 days.
No **Unhealthy for Sensitive Groups** AQI levels were observed.

Air quality conditions in April 2019 were better than those recorded in April 2018.

May



Air quality conditions in May 2019 were:

Good AQI on 12 days
Moderate on 19 days.

Air quality conditions in May 2019 were better than those recorded in May 2018.