

Air Quality Program

ENVIRONMENTAL MANAGEMENT OFFICE

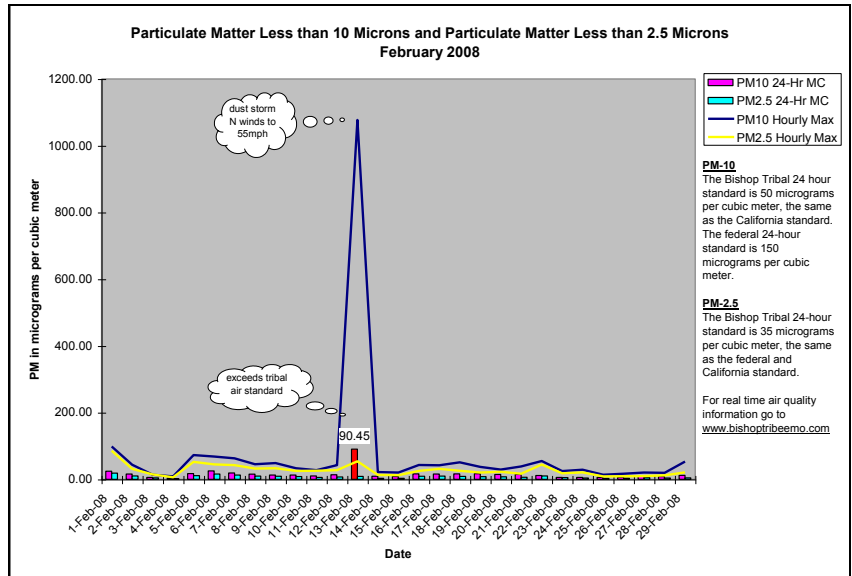
Valentine's Dust Storm

On February 13th, 2008 between 3:00 and 4:00PM, the Bishop Reservation experienced the second highest concentrations of dust since the start of measurements in 2003. Dust is measured by the concentration of particulate matter less than 10 microns per cubic meter of air (PM-10). The winds were out of the North, gusting to 55 miles per hour.

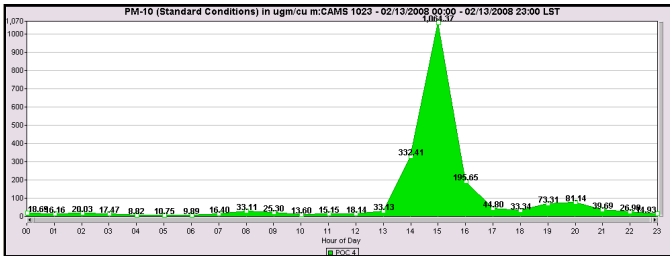
The graph to the right shows daily concentrations for the month of February.

The hourly wind speeds and PM-10 concentrations for February 13th are shown in the graph below.

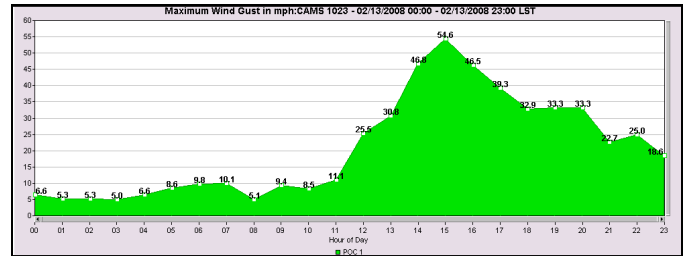
The high dust concentrations reduced visibility. This was captured by the Tribe's web camera, located on the roof of the Environmental Management Office. This is shown in the pictures at the bottom of the page.



Particulate Matter Concentrations in February, 2008



Particulate Matter February 13, 2008



Wind Gust (mph) February 13, 2008



View of Mt Tom at 3:00 PM



View of Mt Tom at 4:00 PM