



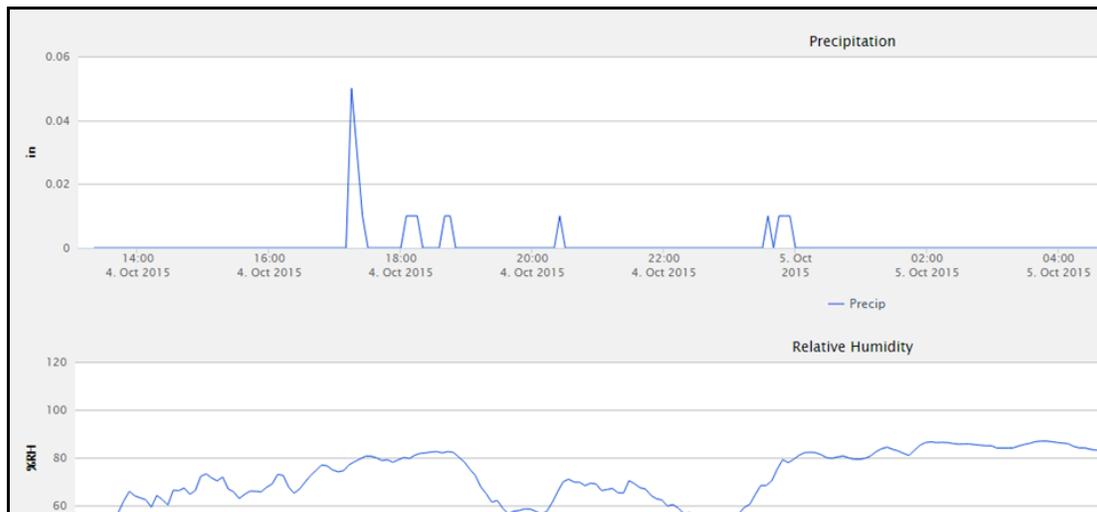
FROM THE AIR PROGRAM

Tribe Installs New Dust Monitoring Equipment

In September 2015, the Bishop Tribe's Air Quality Program installed a new PM 10 monitor. PM 10, particulate matter of 10 microns or less in diameter, is one of the "criteria pollutants" that are closely regulated by the EPA. This is one of 2 particulate matter monitors in the Air Program, and it measures air borne dust from nearby and regional sources. The other monitor measures PM 2.5— smaller particles— and so provides data related to smoke pollution from forest fires. Particulate matter is a respiratory irritant and can aggravate a variety of respiratory conditions, including asthma. The Tribe's new monitor is a replacement and upgrade from the original one, which gave many years of dedicated operation, and provided data fundamental to source & emission inventories, Health Impact Reports, and other analyses of local and regional sources of dust. A presentation explaining dust impacts to the Reservation can be found here: <http://www.bishoptribeemo.com/Library> (Choose link: **Where Does The Dust Come From?**)

First Rains of the Season Arrive

October brought the first precipitation events of the storm season. So far, the first arriving on Oct 4th, and the second Oct 15. Both of these events were recorded by EMO's weather station. The graph below is an example of the station's capture of rain data on 10/4, peaking at .05 inches. The event total was .19 inches during the 4th and 5th. The station also records barometric pressure, wind speed/direction, and solar radiation.



Graph software:
T&B Systems

BURN INFO

If you want to have a burn soon, please remember to get or renew your burn permit at the EMO office and review the rules before burning. Permits expire every Dec 31st. Any time you are not sure if yours needs re-newing, please call or come in. A list of rules and phone numbers are on the permit. In general:

You must have a burn permit

It must be a **"yes" burn day CALL 760 873 2555 to find out**

You can burn only from **5:00AM to noon**

You can burn

- ◆ yard waste in 4-foot by 4-foot piles
- ◆ small plots of grass or strips of grass along fence lines
- ◆ cardboard and non-glossy paper in burn barrels

You must CALL DISPATCH 760 873 5866 before burning.

Remember also that wet wood burns inefficiently and is SMOKY!!