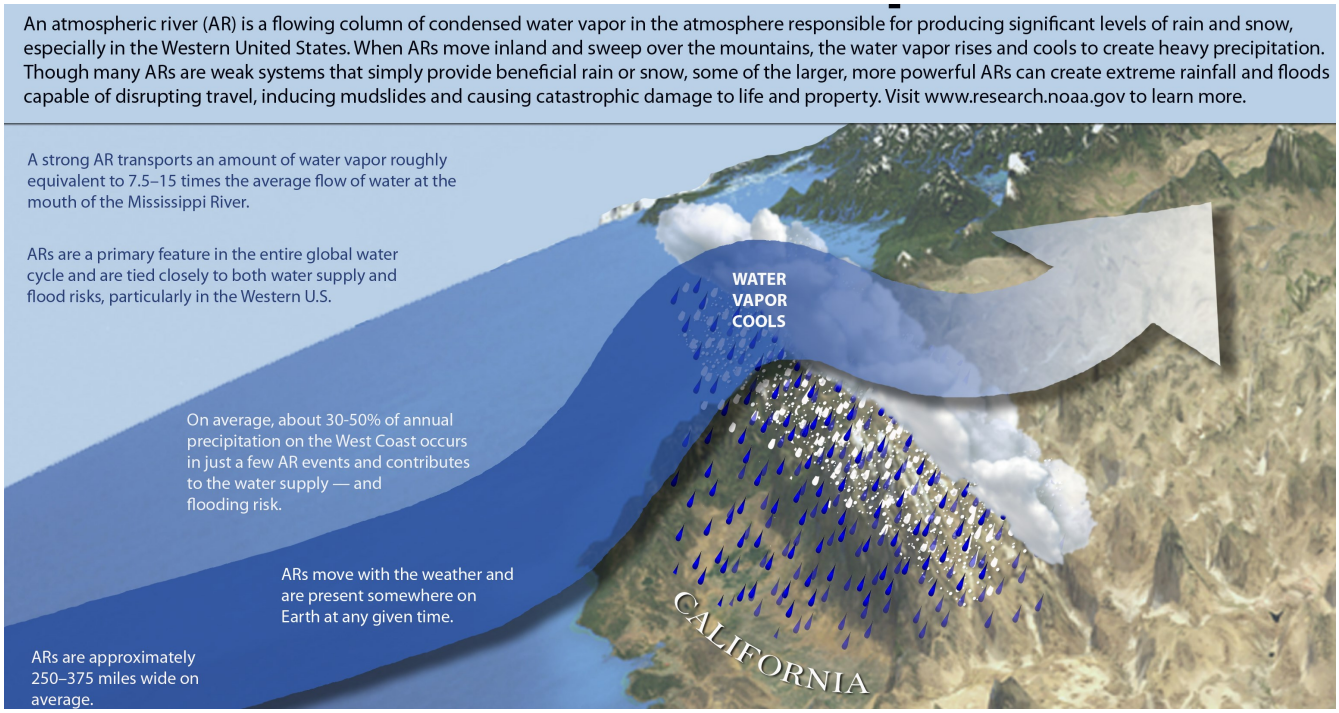
FROM THE AIR PROGRAM

Winter air quality and weather

Winter air quality in the Owens Valley, often calm in between storms, can be worlds apart from summer time, when wild fires and humid, unstable conditions can dominate. Wind events that raise the particulate concentrations enough to exceed the Tribal 24-hr standard of 50 ug/m3 can of course occur year round. This winter, on 12/15/16, the arrival of a storm front brought wind gusts over 50 mph at the Tribal weather station, and a high hourly concentration of 388 ug/m3, resulting in a high 24-hr average of 52 ug/m3.

During January, an atmospheric river (see below) delivered many hours of precipitation to widespread areas on the west coast. Various parts of the Owens Valley received anywhere from 1 to 4 inches.



NEWSLETTER HIGHIGHTS

- November 2016 *Burn Wise Tips*
- October 2016 *Tribal Weather Station*
- September 2016 *Fires & Visibility*
- July 2016 *Mono Lake Field Trip*
- June 2016 *4th of July Reminders*
- May 2016 *Real Time Data*
- May Extra *Science Activities at Head Start*
- April 2016 *Late Season Snow & Rain Levels*
- March 2016 *NWS Visit*
- February 2016 *Storm Spotters*
- December 2015 *Meteorological Winter & Driving*
- November 2015 *Fall Weather Patterns*
- October 2015 *New PM10 Monitor*
- September 2015 *Rough Fire*
- September 2014 *Woodstove Safety Tips*
- May 2013 *NWS Visit*
- March 2012
- Public Safety Fire Newsletter
- July 2011 *The Lyon Fire*
- May 2009 *Landscaping*
- March 2008 *Valentine's Dust Storm*
- March 2007 *Dust in the Valley*

Newsletter archive—Did you know?

You can find archived Air newsletters online, complete with all pictures and info, at the EMO website's Air library. Visit http://www.bishoptribeemo.com/index_air.htm and select the Library tab on the left. Currently 22 newsletters are available. *Left: screenshot of archive*