

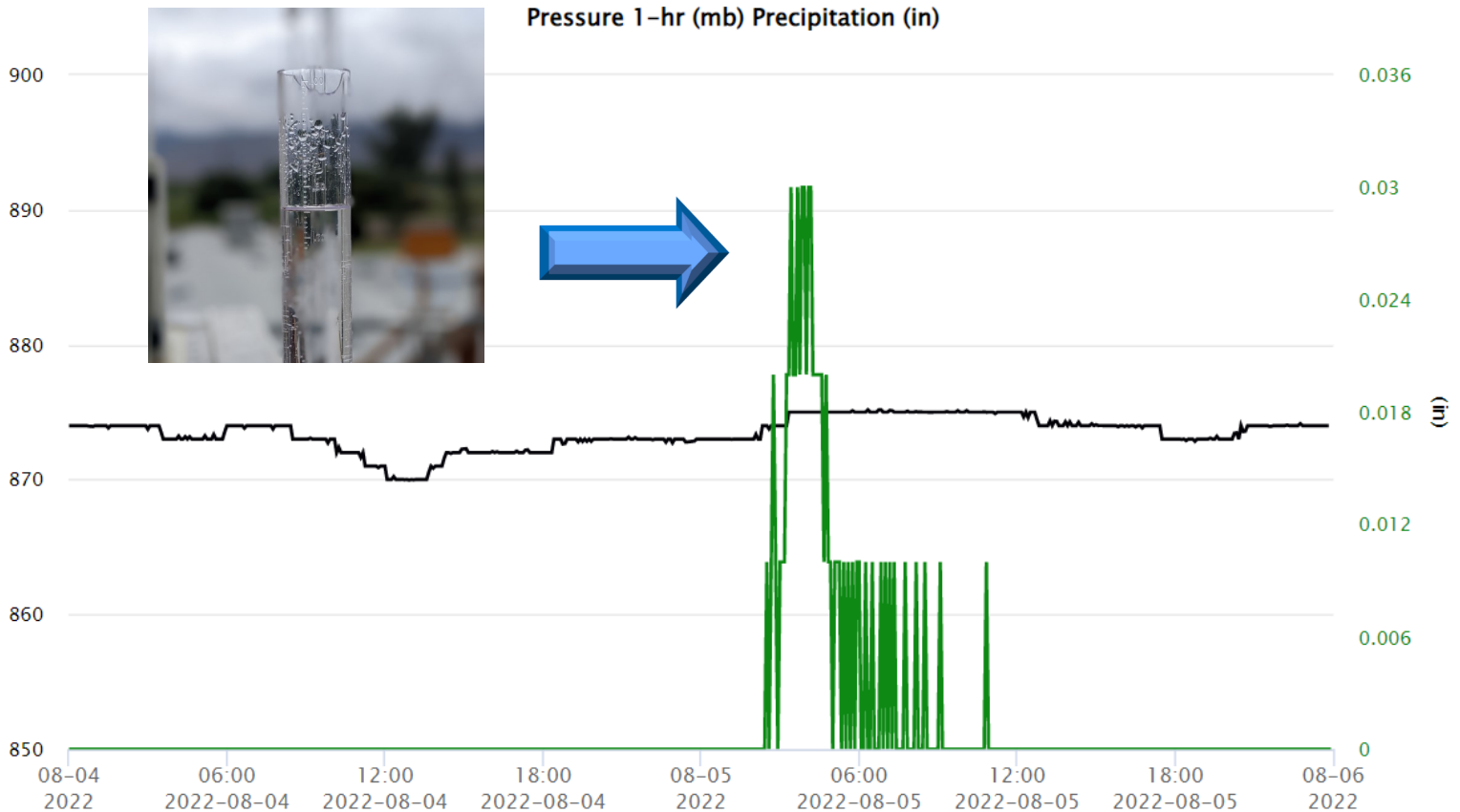


From the AIR PROGRAM

Monsoon Season Rain Totals

In July and August, an active monsoon pattern brought significant precipitation to the Reservation and surrounding areas. The Tribe's weather station captures rain via 2 modes— a NWS standard collection gauge with tube, and an electronic tipping bucket gauge. Photos of the tube show the collection amounts for 2 monsoon events: 0.75" on 8/5, and 0.16" on 7/31. A corresponding chart of the electronic gauge counts (**green line and scale**) during the first week of August demonstrates that unlike winter storms, the monsoon rains (afternoon T-storms) don't necessarily coincide with a drop in barometric pressure (**black line and scale**). The Reservation received over 1" of rain during the monsoon season.

Pressure 1-hr (mb) Precipitation (in)



PurpleAir Sensor at KBPT

Did you know?? KBPT Radio and the Air Quality Program, in partner with Great Basin Unified Air Pollution Control District, have a PurpleAir sensor installed at KBPT. The sensor data, with surrounding measurements, can be viewed on the public PurpleAir online map at:

<https://map.purpleair.com/1/i/mPM25/a10/p604800/cC0#12.03/37.36183/-118.41>

Reviews of measurements starting during the Fall wildfire season in 2021, through the winter months, have shown there is a useful consistency between the PurpleAir sensors in the Bishop area.

For questions on the best display options for PurpleAir sensor data, or for more info, call the Air Program at 760-784-9308