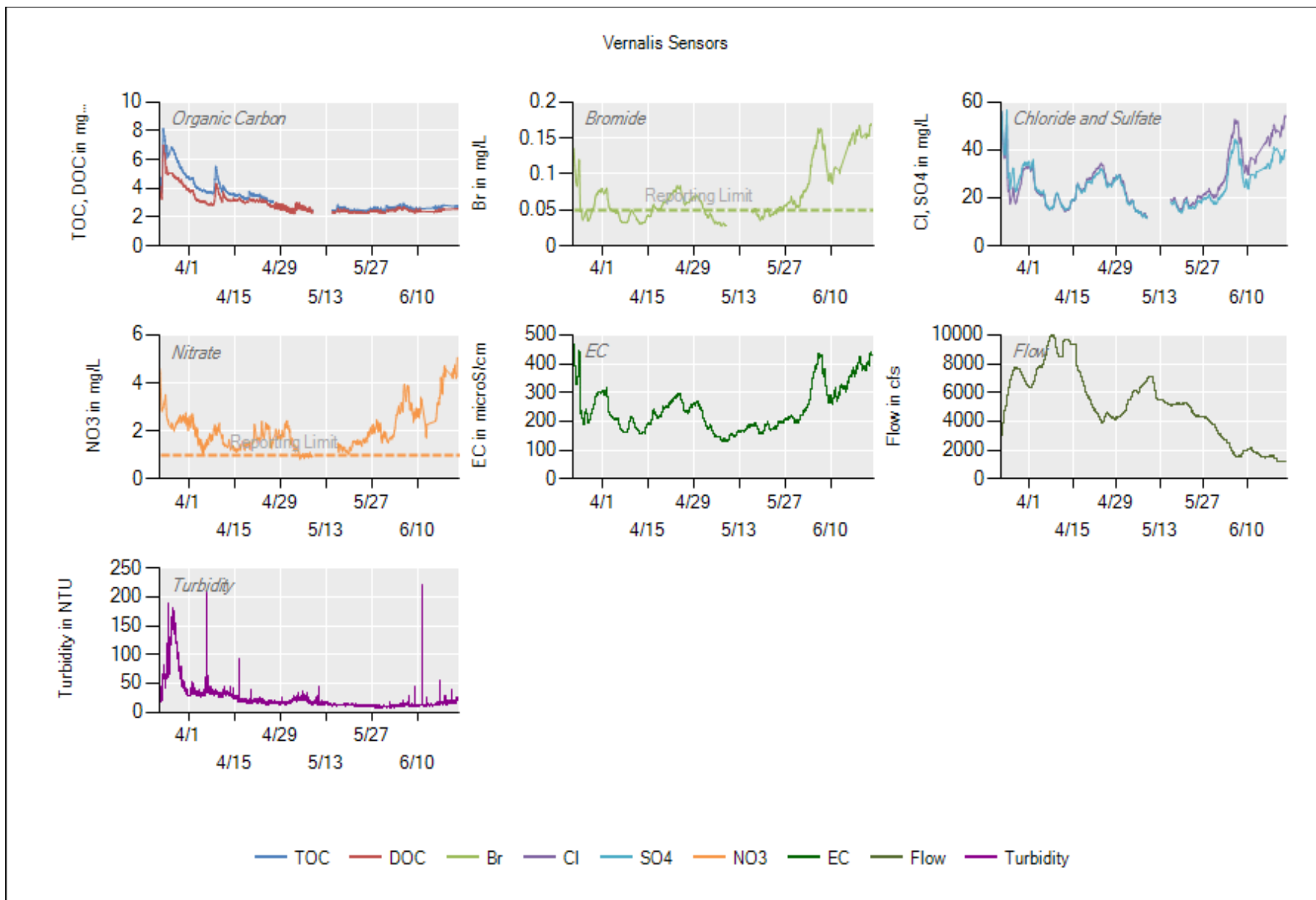
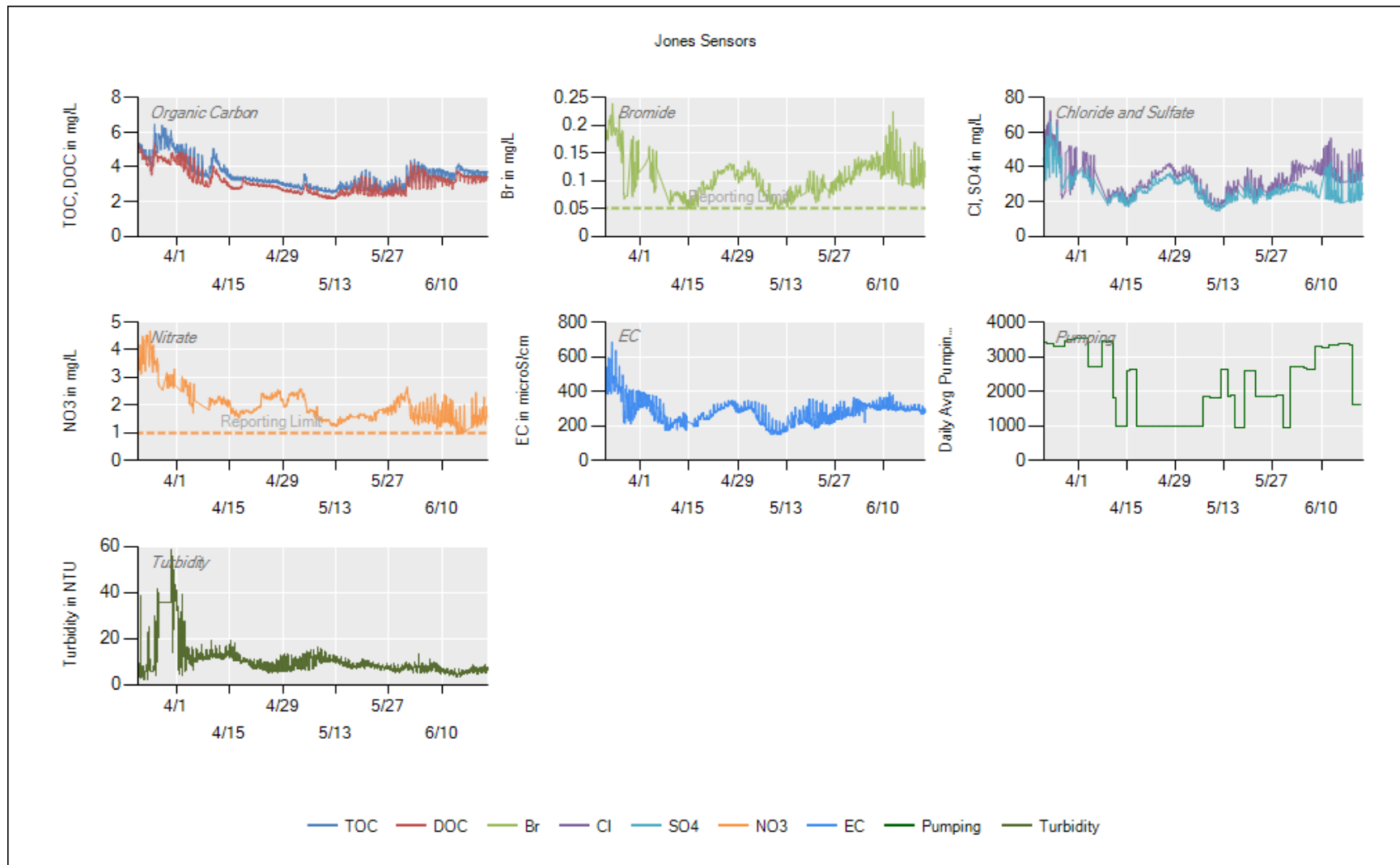


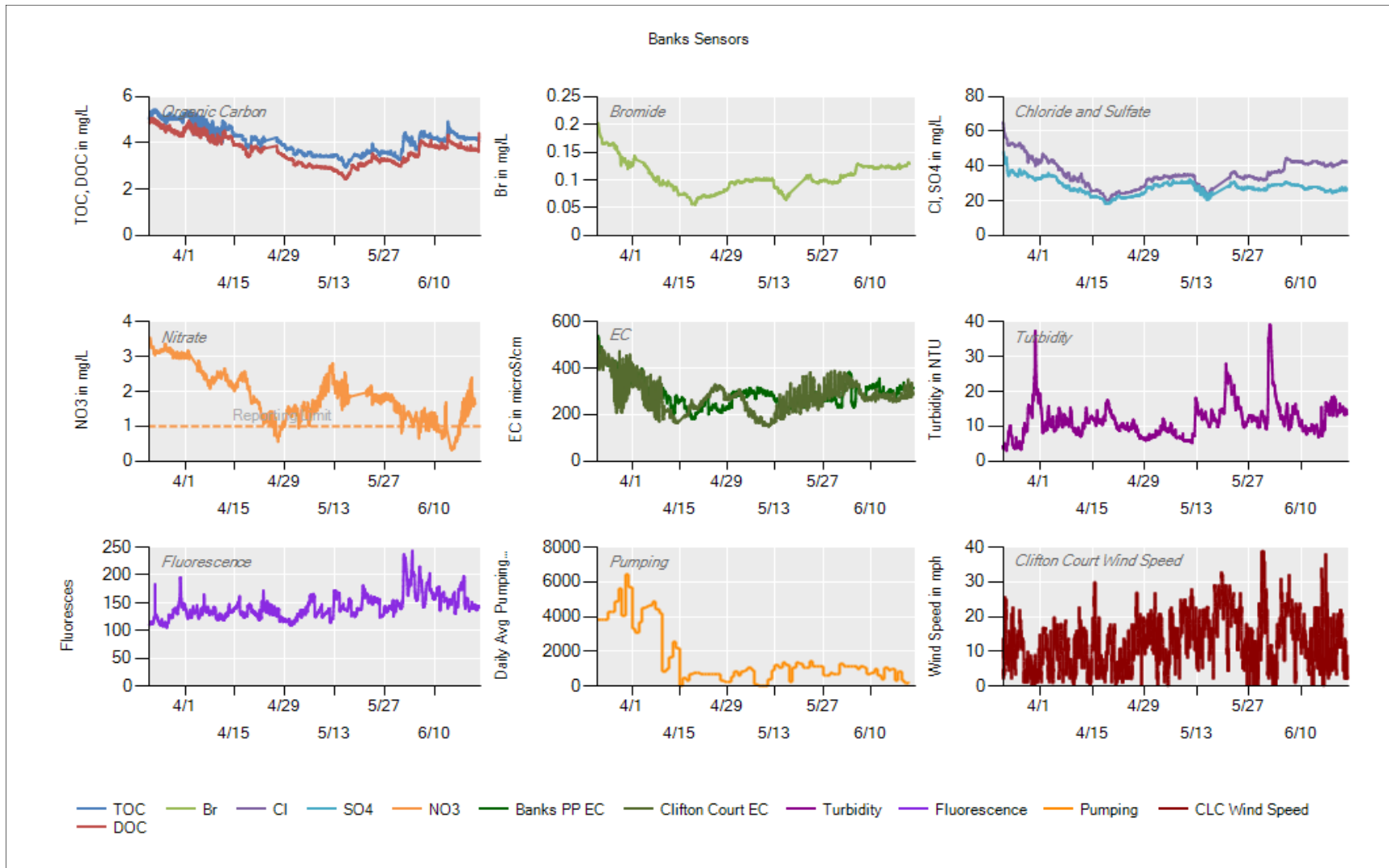
4/17: Filter replacement, 5/3: 50 um filter replaced, 5/15: 0.45 and 1 um filter replaced, 5/31: 50 and 1 um filter replaced, 6/12: Cleaned filter housings



6/12 – 15: Modem, pump, and memory storage problems. 6/18 – 6/21: Sievers clog, Pump replace & repair, Standpipe alterations: Low Water.

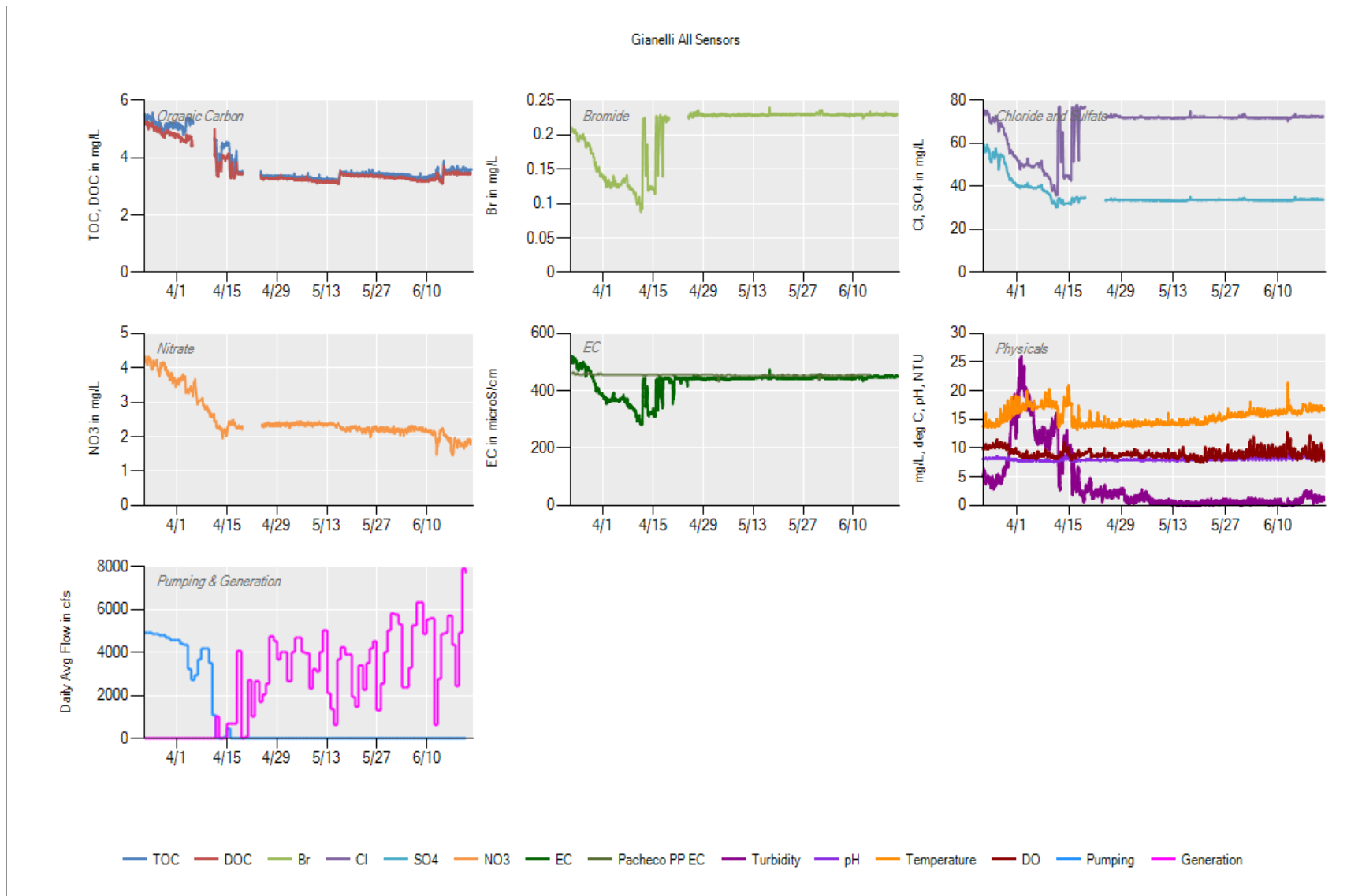


On 6/17, Dionex anion data did not report due to a sequence corruption within the data file. This was an isolated event and no further issues have arisen. Pumping at the plant has been variable during the past month. Increased pumping rates generally leads to a higher range output (tidal influence). Decreased pumping leads to a lower range output. Organic carbon data has been reporting since the last update.

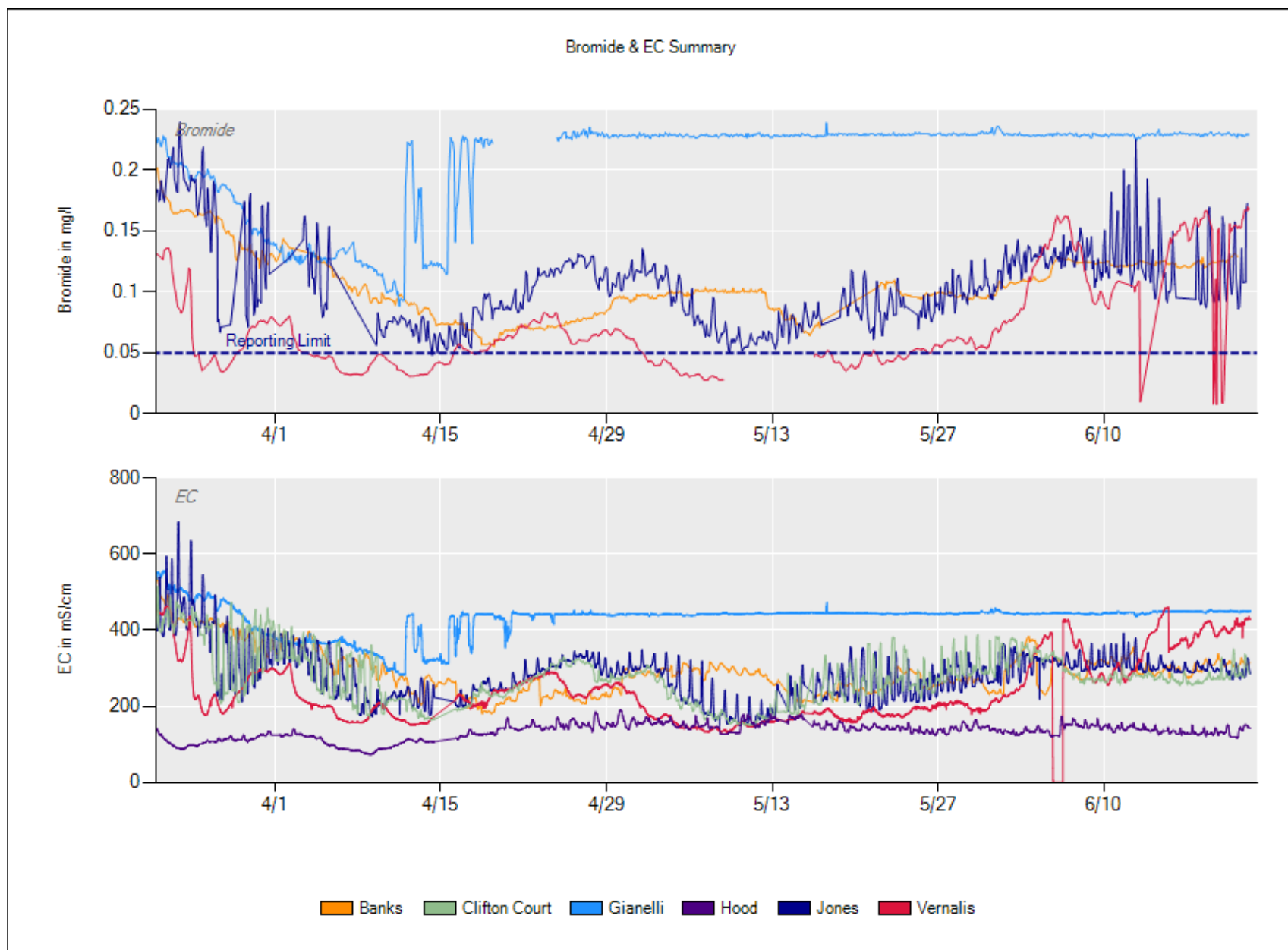


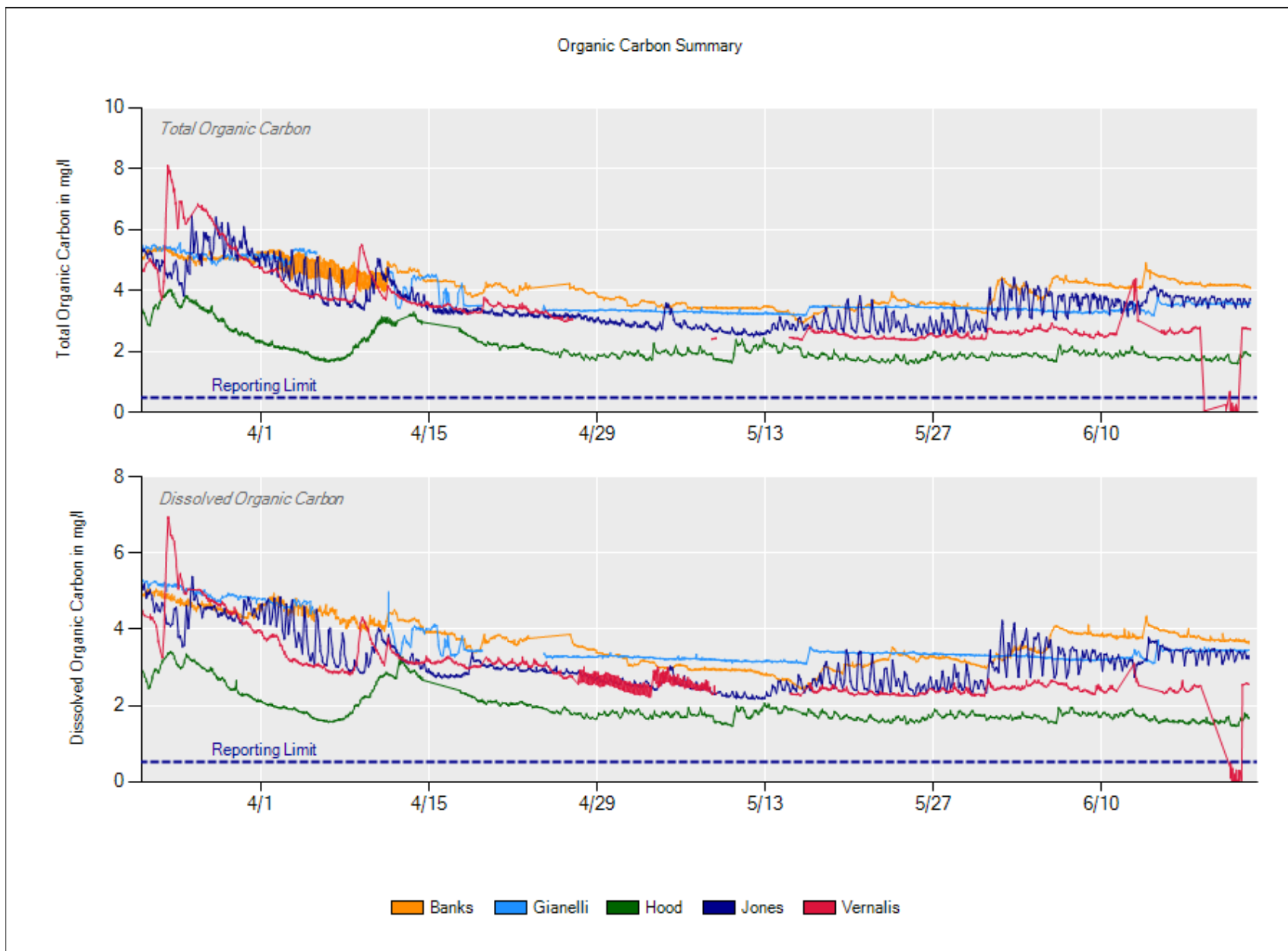
Significant Events: Mar 22th, 2018 to June 23th, 2018

- RTMQC every month. Filter changes every two weeks. The Dionex at banks was non-operational on the 18th-20th of May due to a calibration issue after changed the EG.

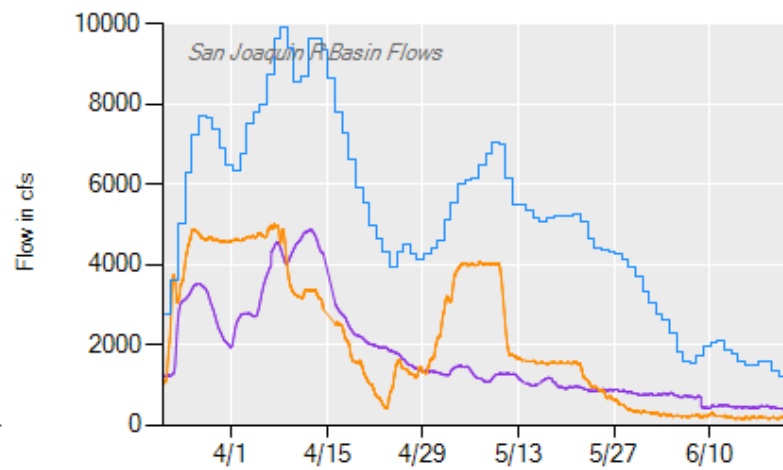
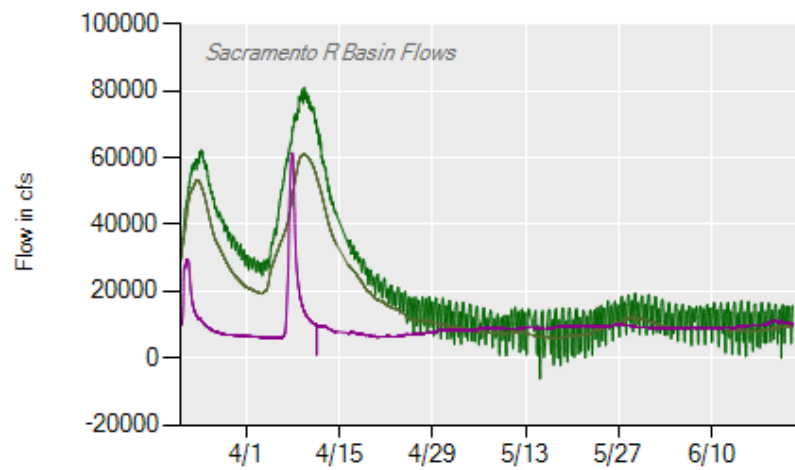
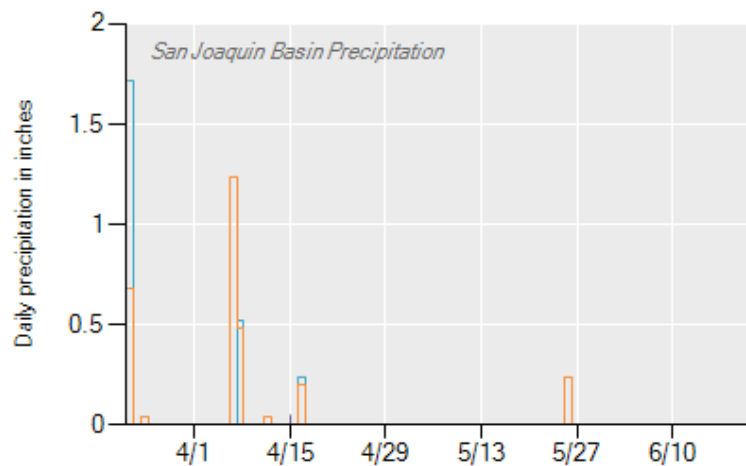
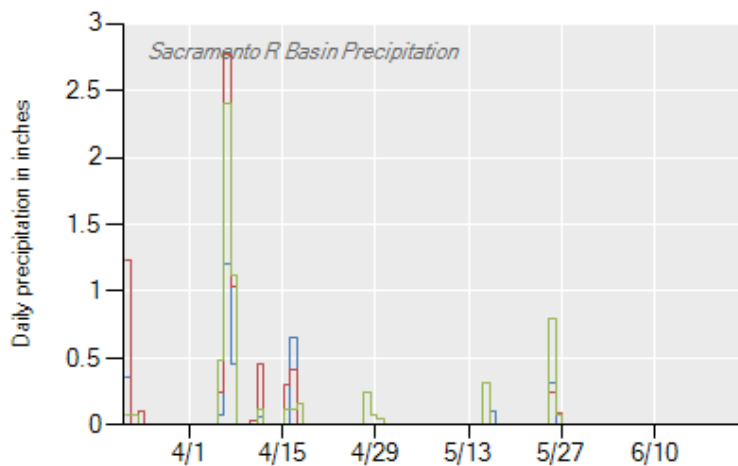


- 4/5 to 4/11 – The float that regulates the Sievers sample collection was getting stuck causing it to record no-flow samples.
- 4/19 to 4/24 – A short power outage stopped the Sievers and Dionex. The modem did not reboot properly, requiring a station visit to restart the modem and instruments manually.





Precipitation & Flow



- CSU Sacramento
- Oroville Dam
- Redding Fire Station
- Exchequer Dam, Merced R.
- Friant Dam
- Stockton Fire Station
- Sac R at Freeport
- Sac R at Verona
- Sac R at Vina-Woodson Br
- SJR at Crows Landing
- Tuolumne R at Modesto
- Stanislaus R at Ripon
- SJR R at Vernalis