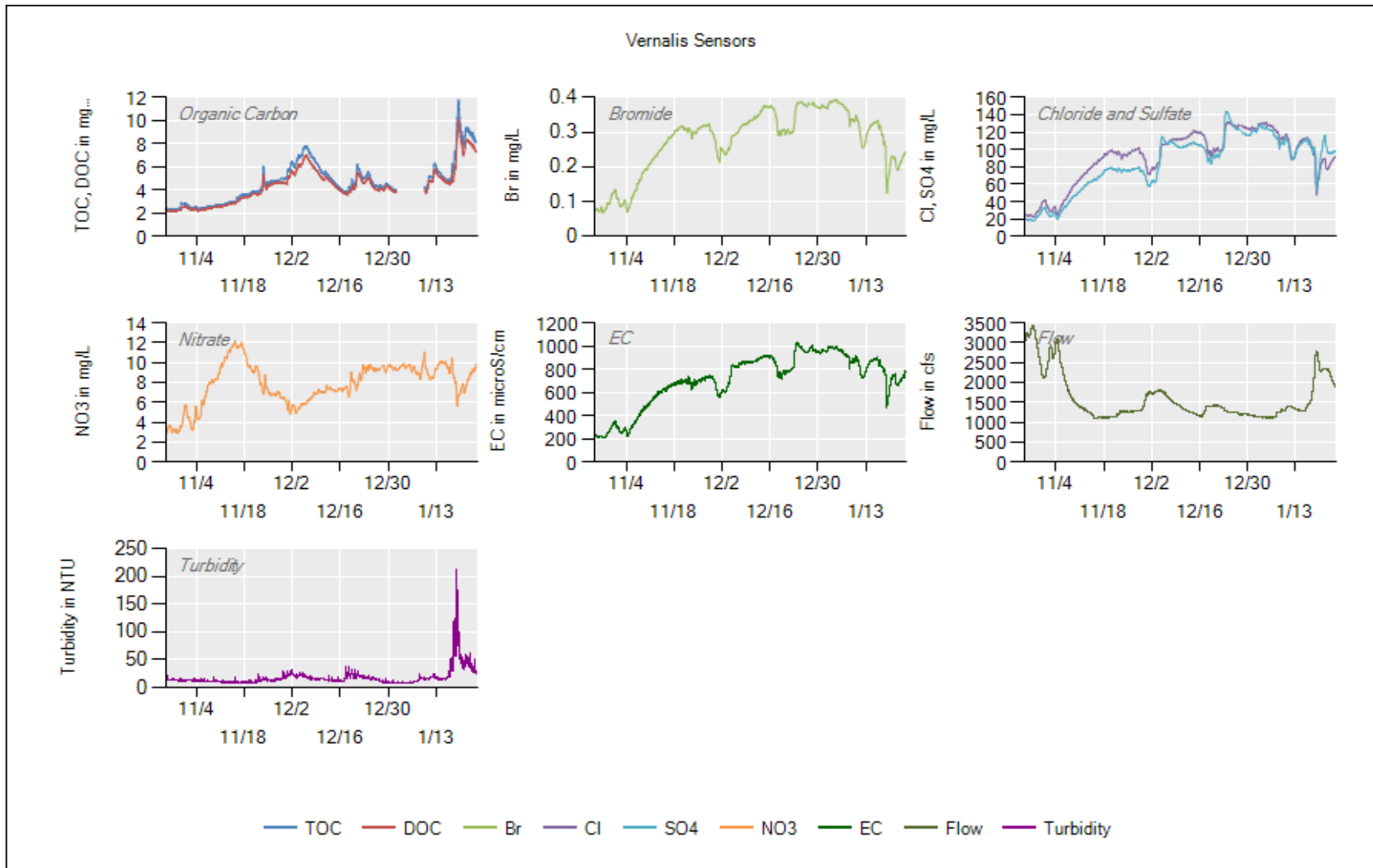
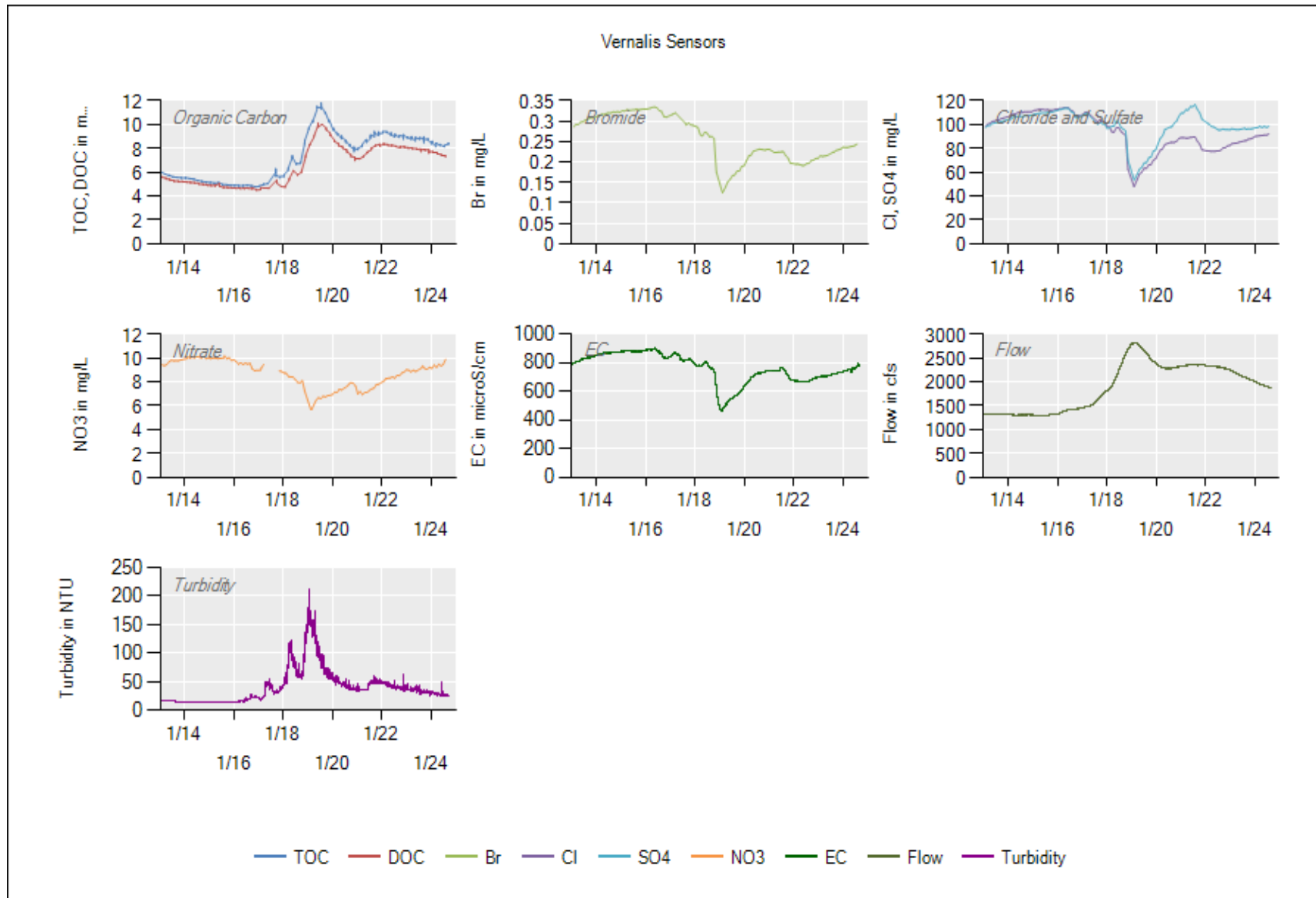


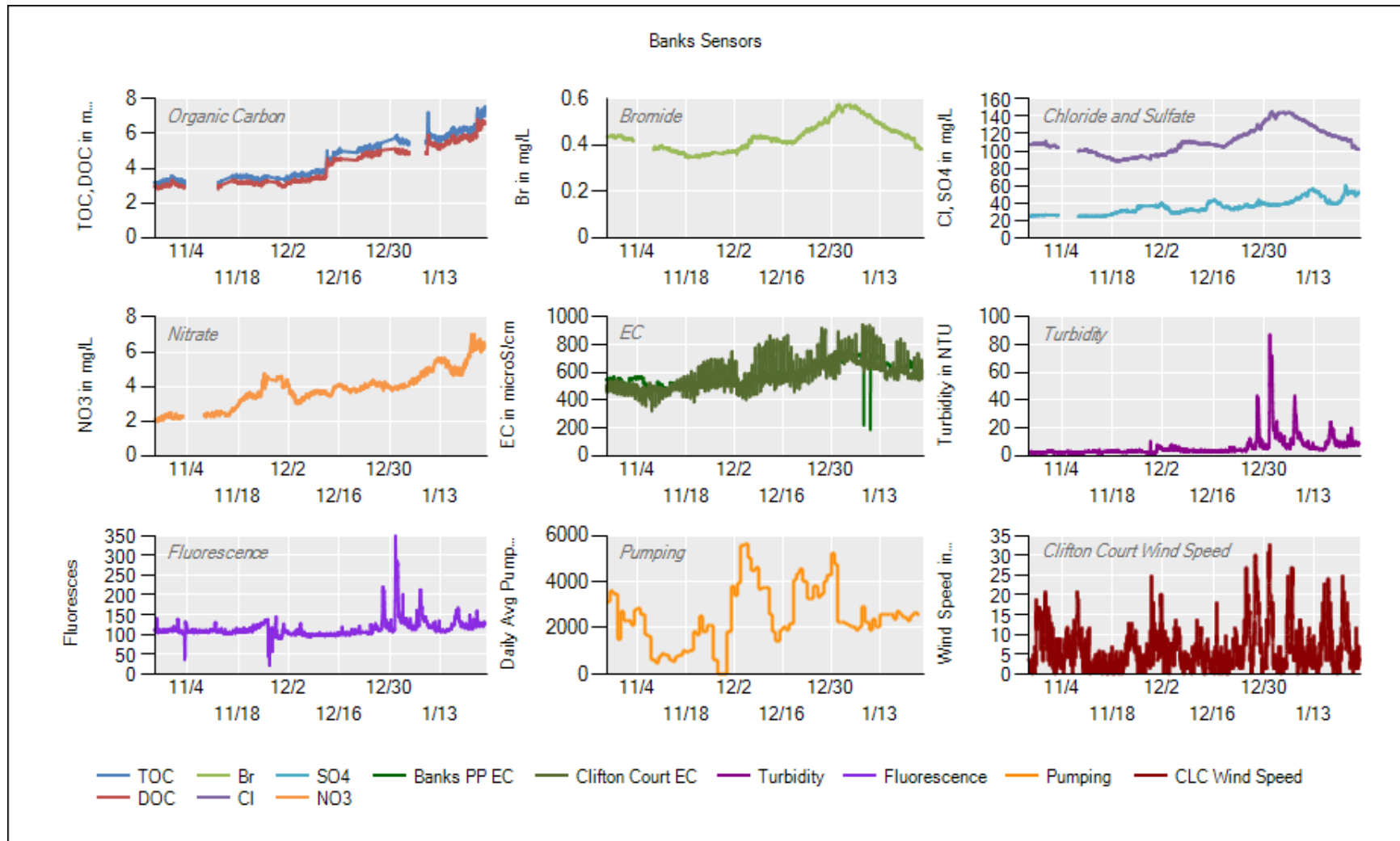
12/12: Analyzed all QC samples. Replaced the 50-um filter. Cleaned all filter housings. 1/7: Changed all delivery system filters. 1/16: Replaced all delivery system filters. Analyzed QC samples. All passed. had to re-run the 1 ppm standard.



**Events:** Filter changes = 10/30, 11/15, 11/28, 12/11, 12/27, 1/9, & 1/17. The organic carbon data logging program, Indigo, “locked-up” on 1/1 and was restarted on 1/9. The data must be manually exported from the analyzer’s memory and patched into the DMU program later. On 11/28, the anion analyzer’s faulty/leaky pump seals were replaced as part of the Dionex service contract; possibly a bad batch of seals.

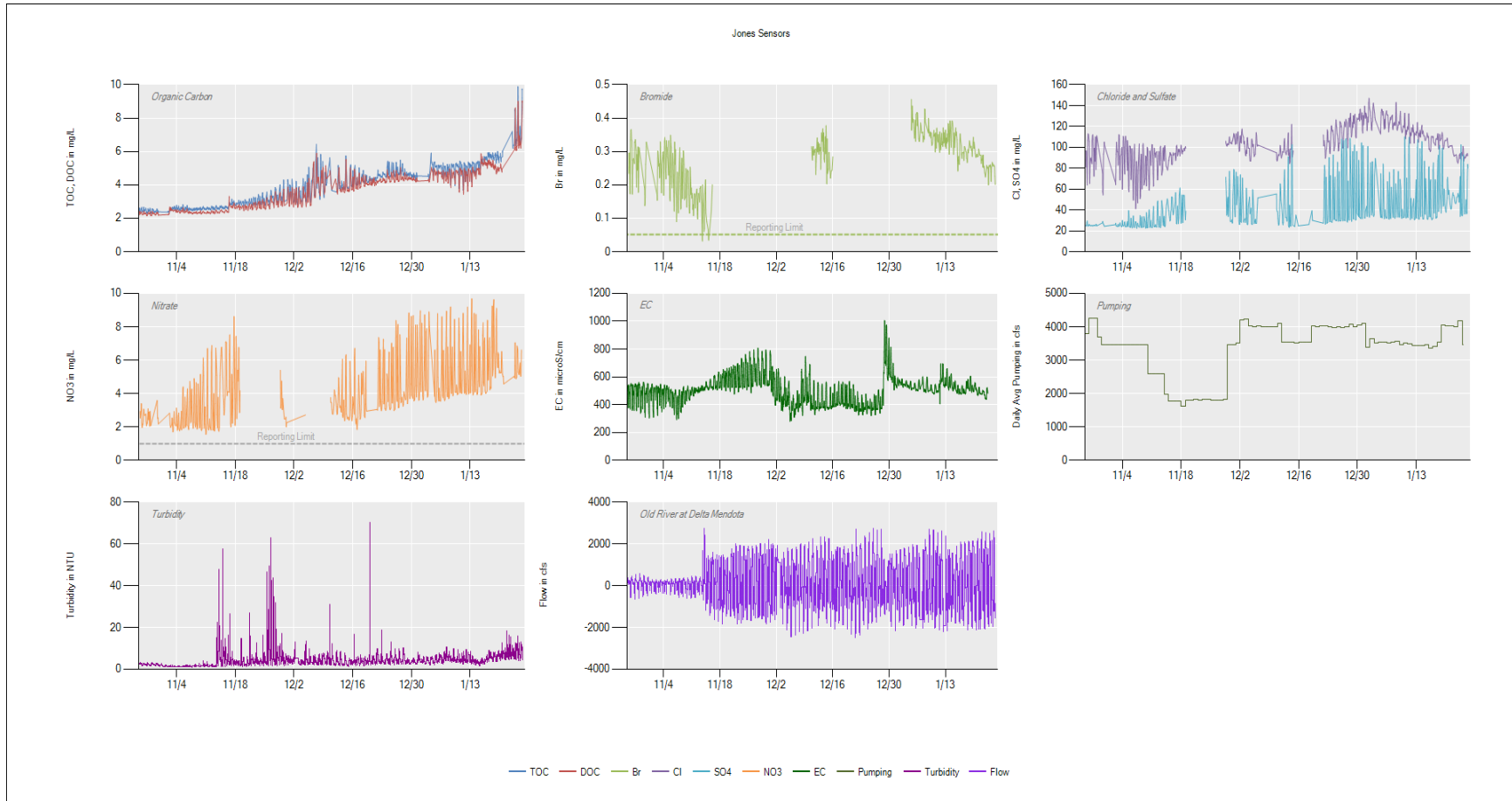


An 11-day graph to provide better resolution of data for recent storm/flow events. Note the near record TOC levels, 11.8 ppm.

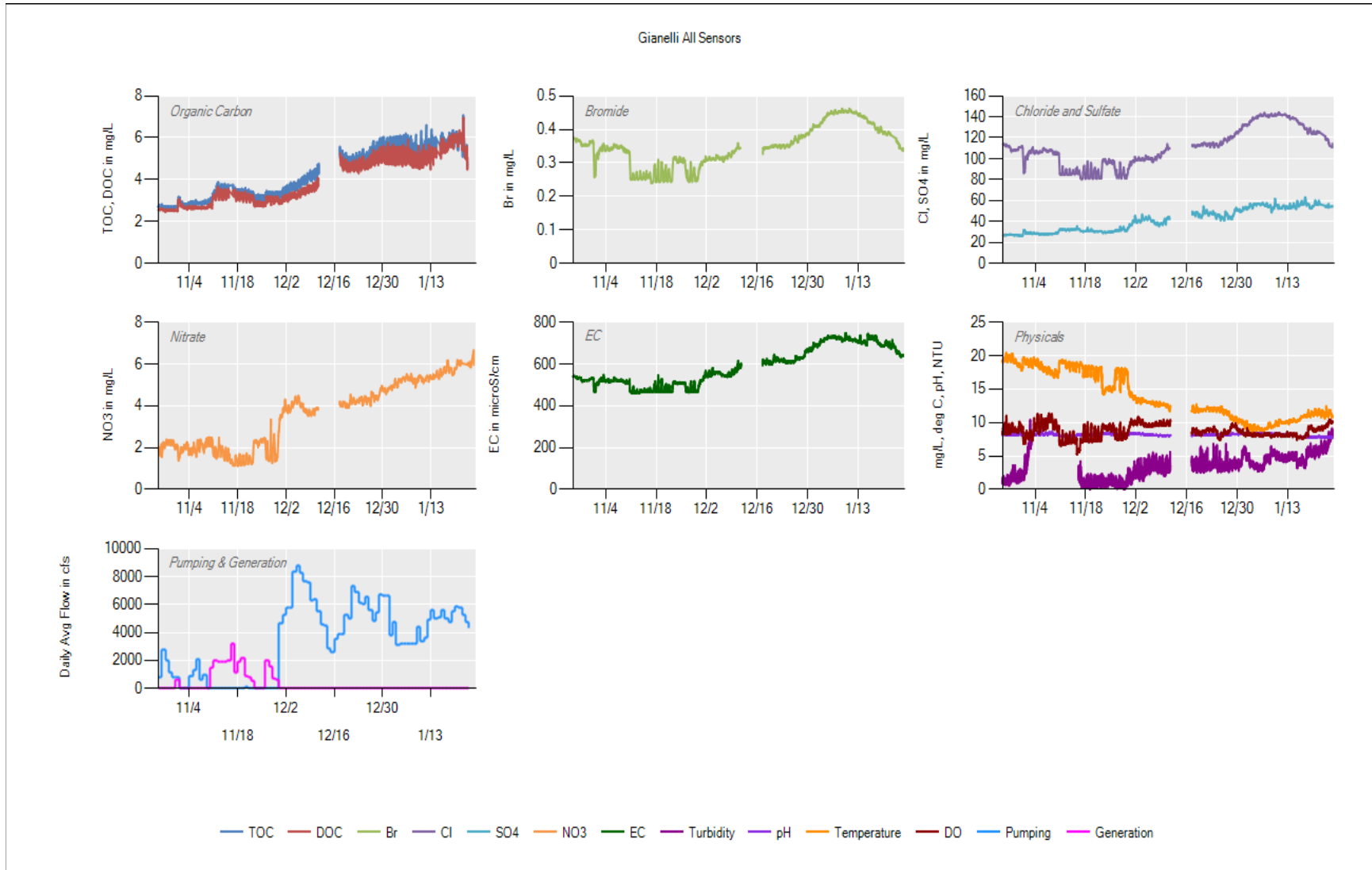


**Significant Events:** October 26<sup>th</sup>, 2018 to January 25<sup>th</sup>, 2019

- **11/4 to 11/8:** Station Power outage.
- **1/8:** Sievers Troubleshooting, had a clog in the system and needed to be flushed.

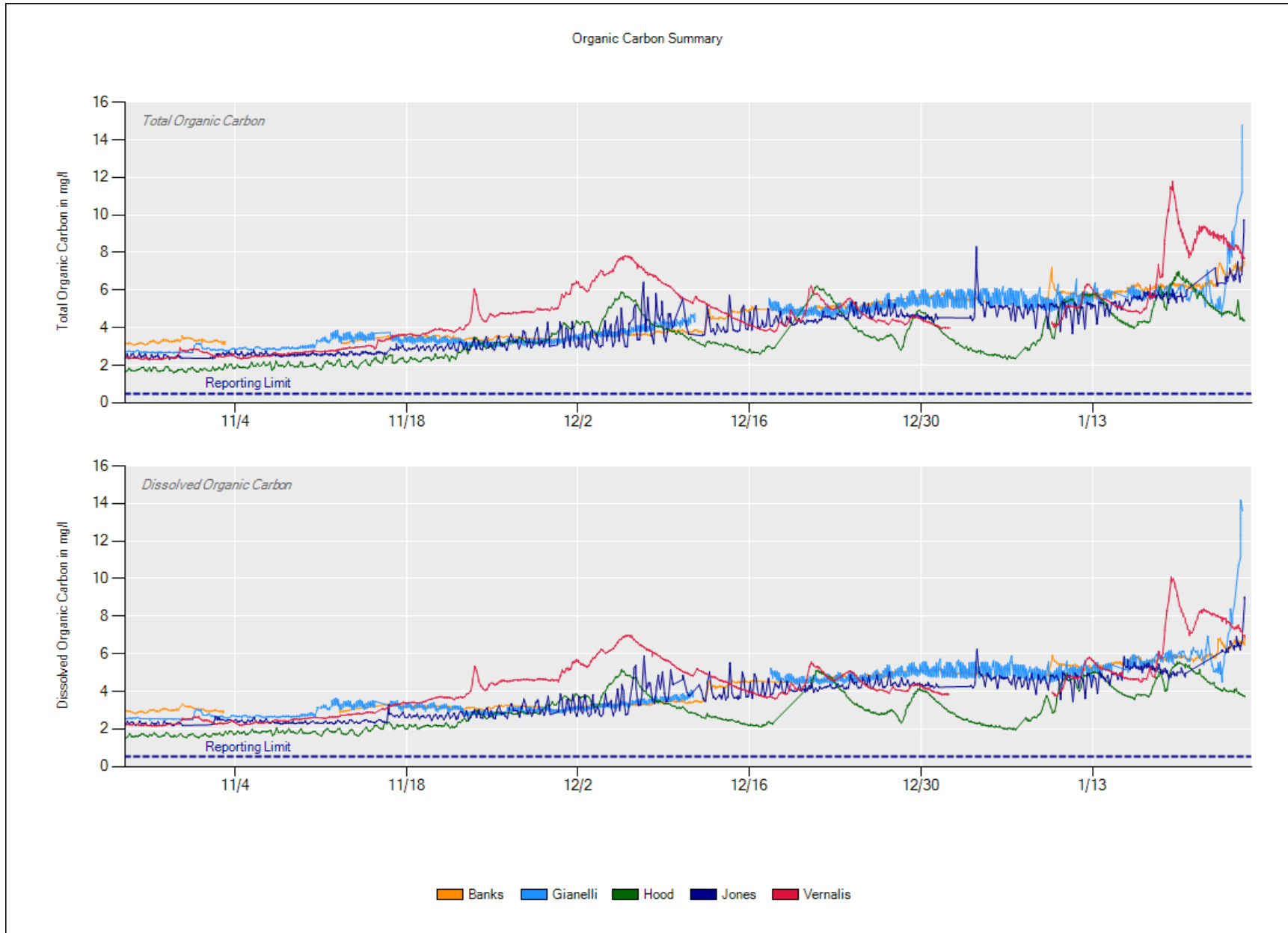


**11/19/18** – installed DCP adaptor for EXO and new program to data logger that will incorporate EXO physical data. Connected EXO to DCP. Still need to install new modem and configure to new network. **11/27/18** – While cleaning, lost specific tubing fitting for Dionex lines. Dionex will be offline until fitting can be replaced. **12/6/18** – replaced Dionex analytical column. **12/13/18** – EXO program needed to be tweaked a bit, Jay Aldrich fixed the program and telemetered the EXO. **12/21/18** – replaced Dionex suppressor and cellular modem for station. **12/27/18** – Station did not report to CDEC because new cellular network not configured to new modem. **1/3/19** – configured new cellular modem, still need to configure firewall setting. **1/25/19** – Station is operational and reporting. Firewall configuration still needs to be arranged to allow EXO data to report to CDEC.

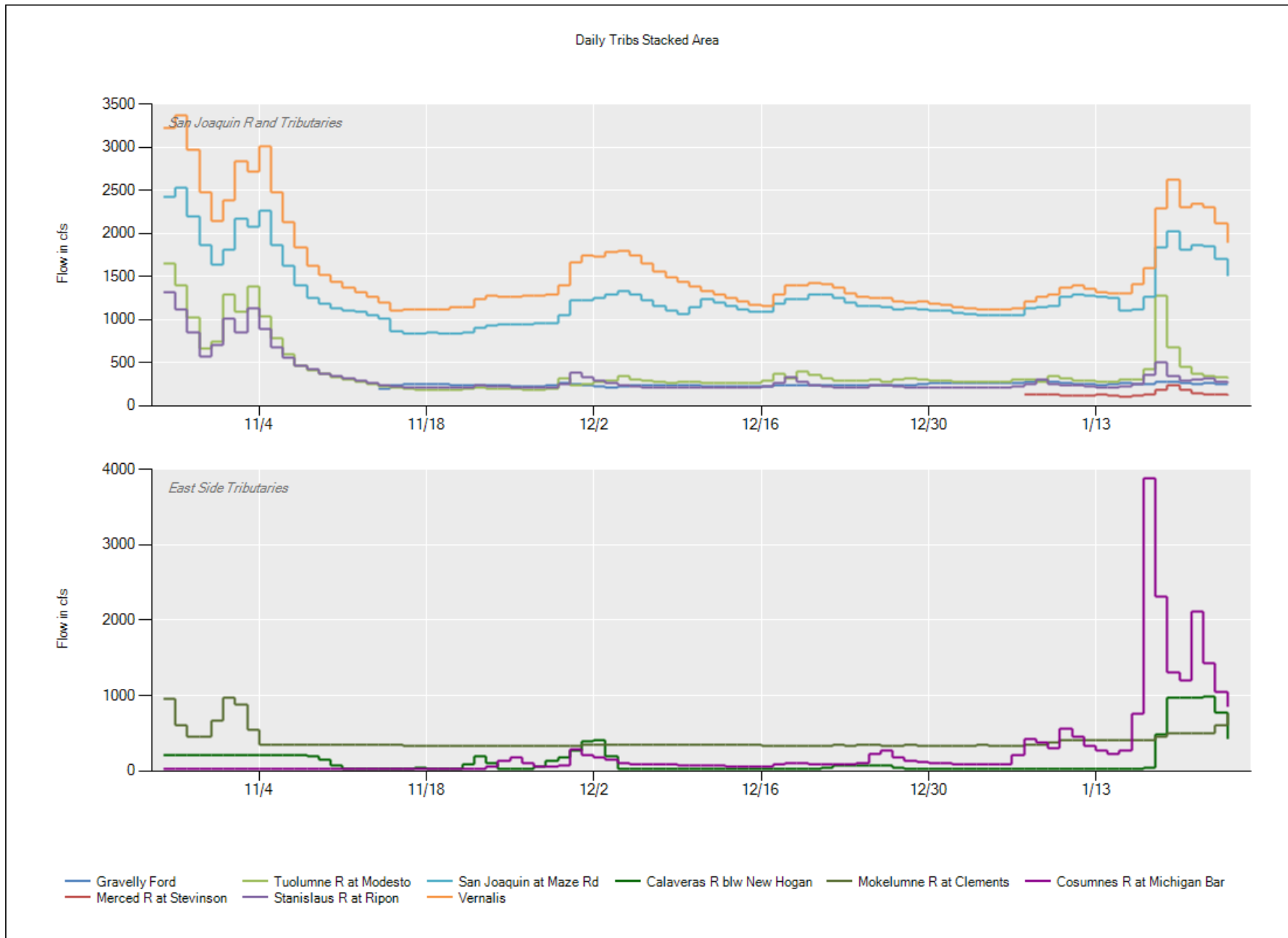


- 12/11 – 12/17 -- The station pump stopped working so the station was down until a new pump could be installed.
- ~12/1 – Present -- The Sievers has reported questionable OC values. A replacement part has been ordered to hopefully fix the potential error but other work may be needed.

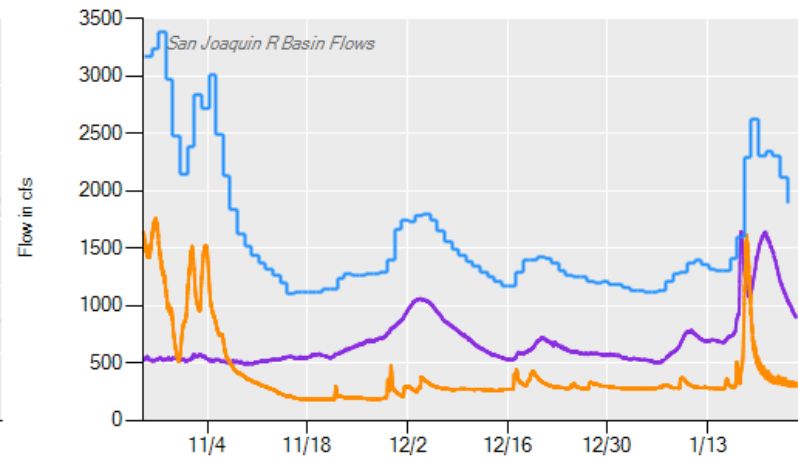
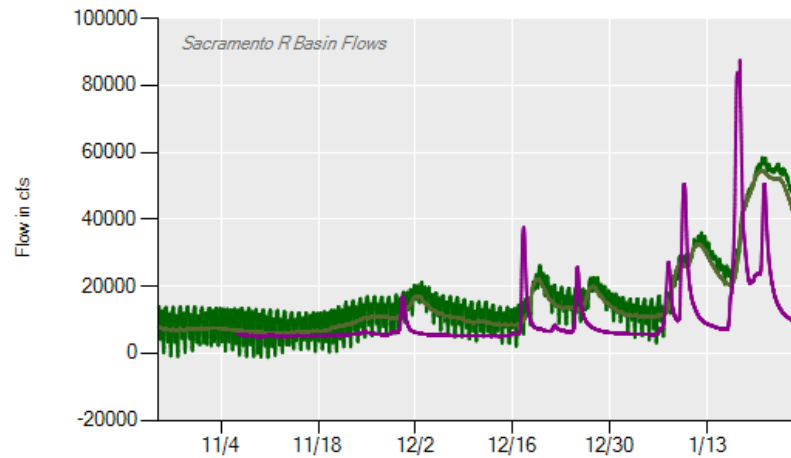
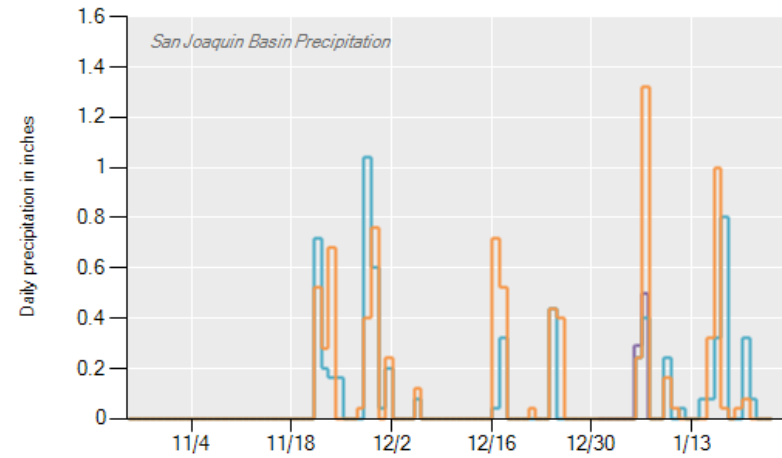
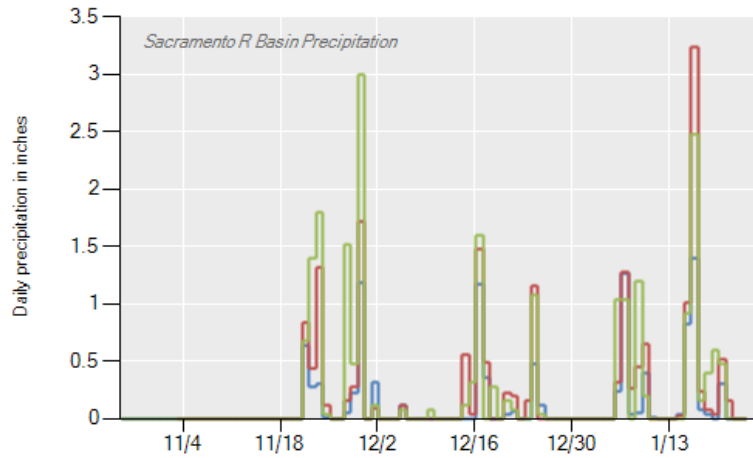








Precipitation & Flow



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