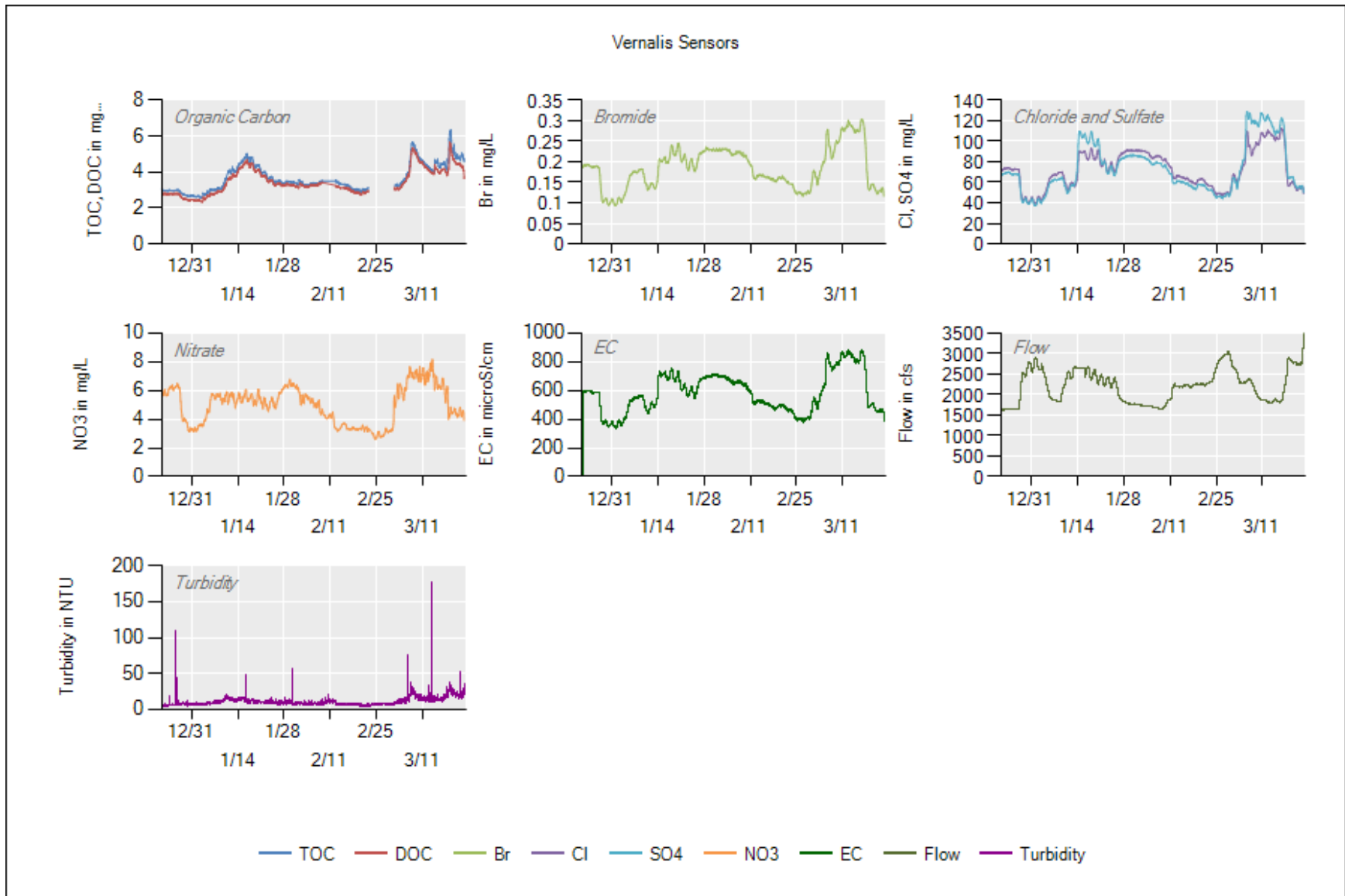
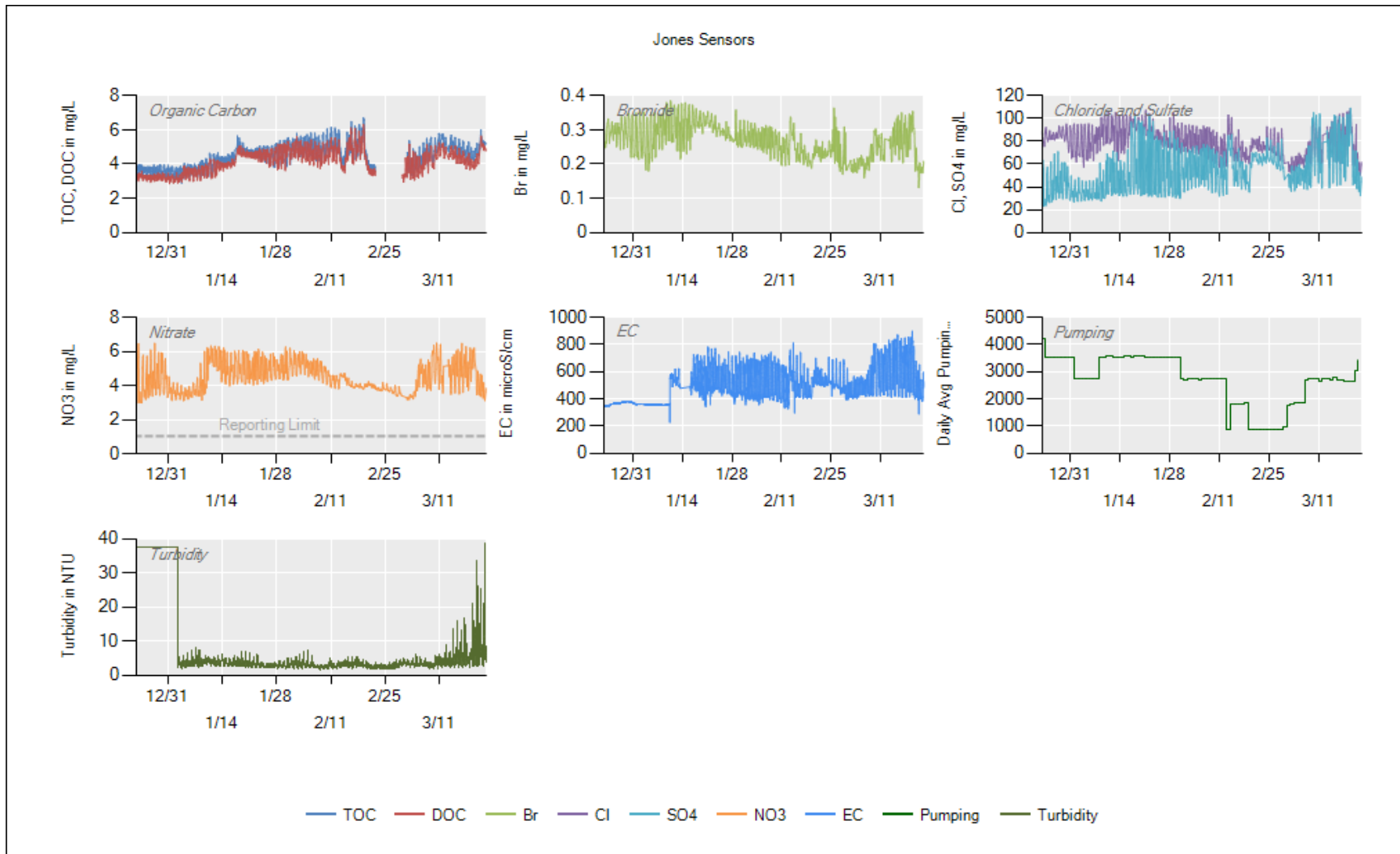


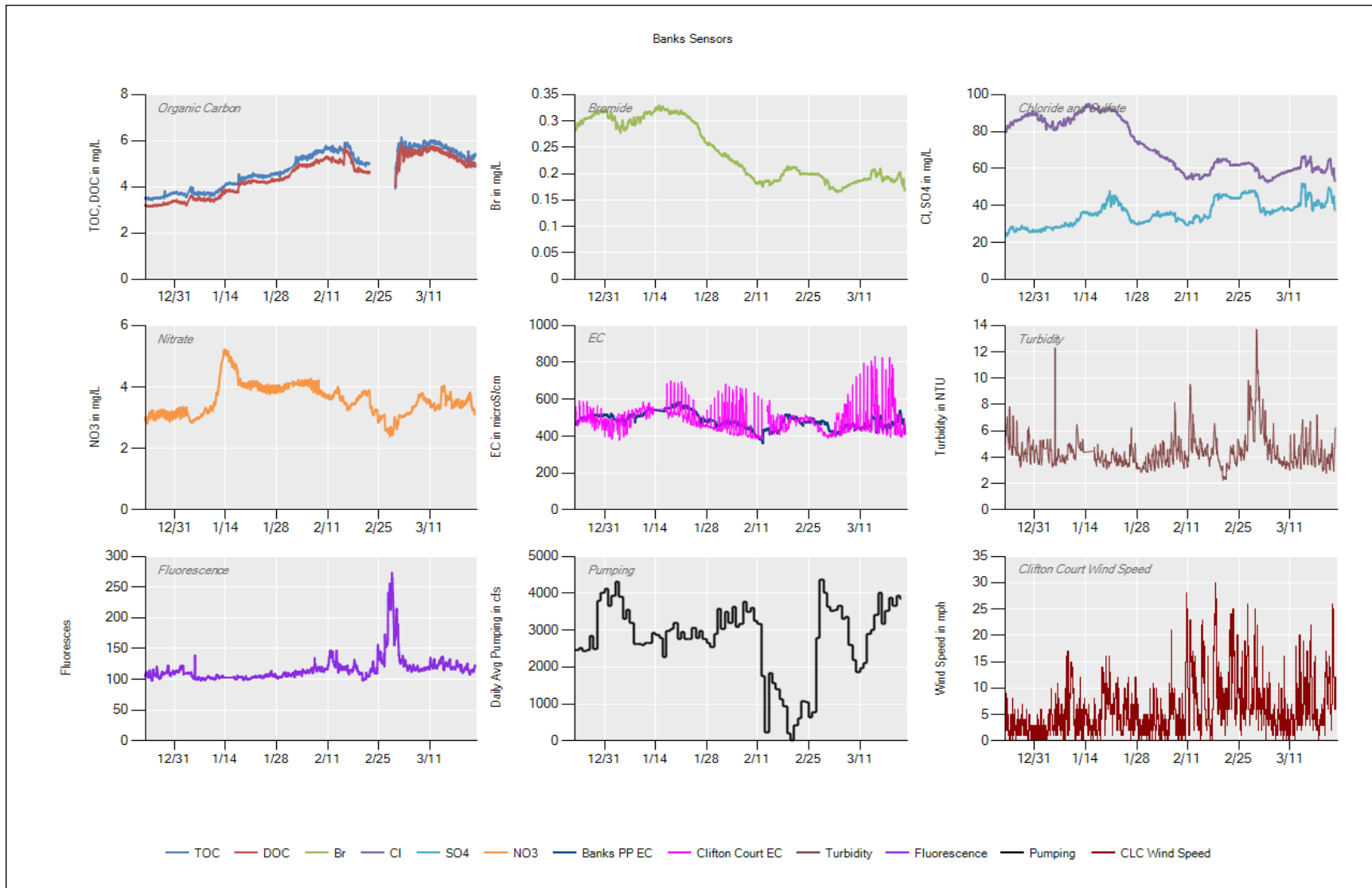
**2/13:** Replaced all delivery system filters. Analyzed all QC samples. **3/1:** Re-installed Sievers after it received its annual maintenance and calibration. Changed the 50 and 1 um filters. **3/20:** Replaced all filters. Analyzed all QC samples.



**Events:** 2/22-3/2 = Sievers offline for annual service and calibration. Rainfall: 1/4 (0.28), 1/6 (0.22), 1/8-9 (1.7"), 1/18 (0.11), 1/24 (0.12), 2/26 (0.17"), 3/1-3 (0.7"), 3/13 (0.4"), 3/16 (0.2"), 3/20-22 (0.56"). Releases from New Melones have decreased from 3,500 to 136 cfs over 30 days.

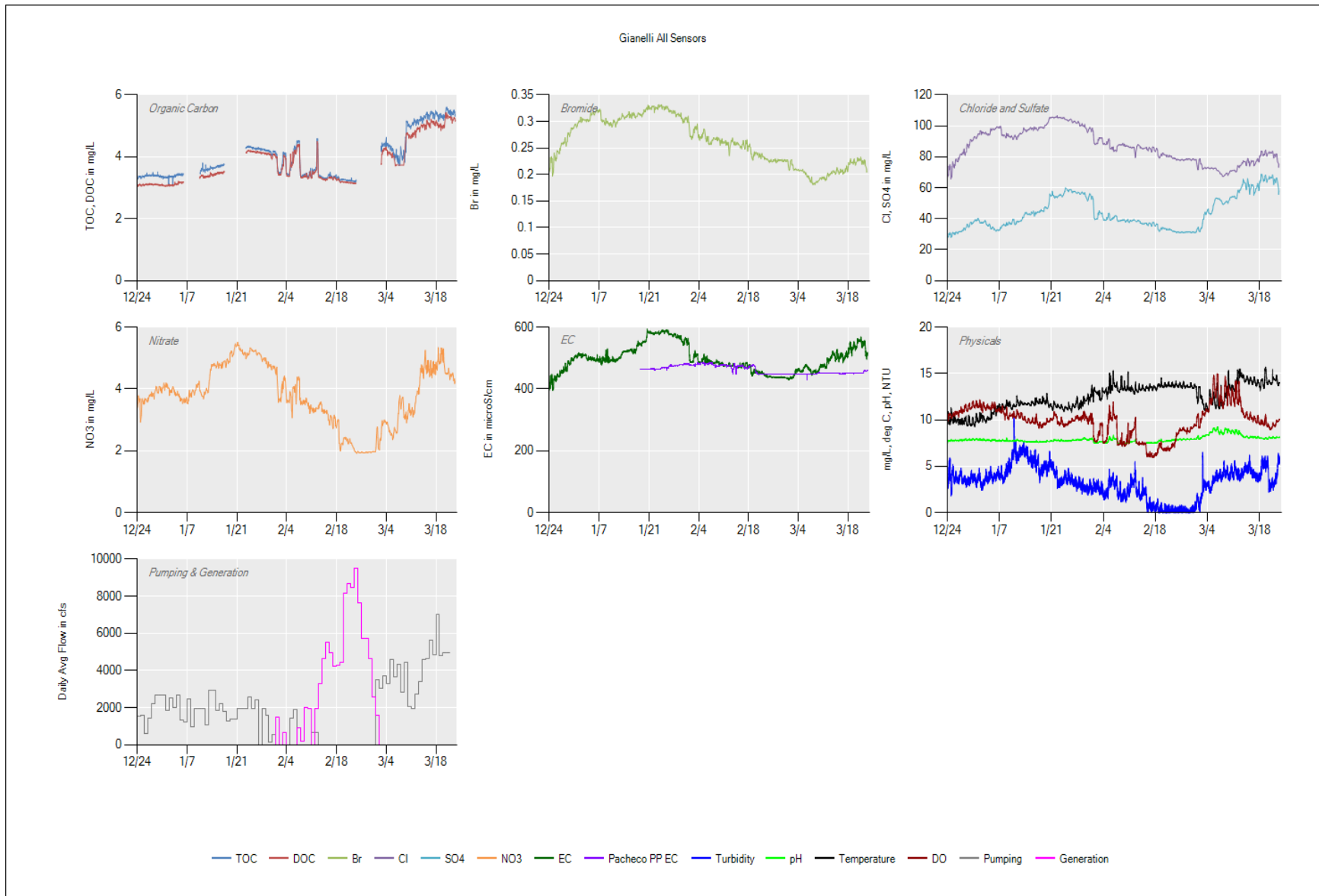


The Sievers was not reporting in late February because of an annual instrument calibration. In late February, there was a drop-in carbon contributed by decreased pumping. In March, carbon has increased due to recent storm events. Conversely, as of 3/21 there has been a decrease in anion levels mainly due to higher outflow from recent storm events. From 3/11 – 3/20, there was an uptick in sulfate and nitrate levels, which was likely caused from agricultural pumping.

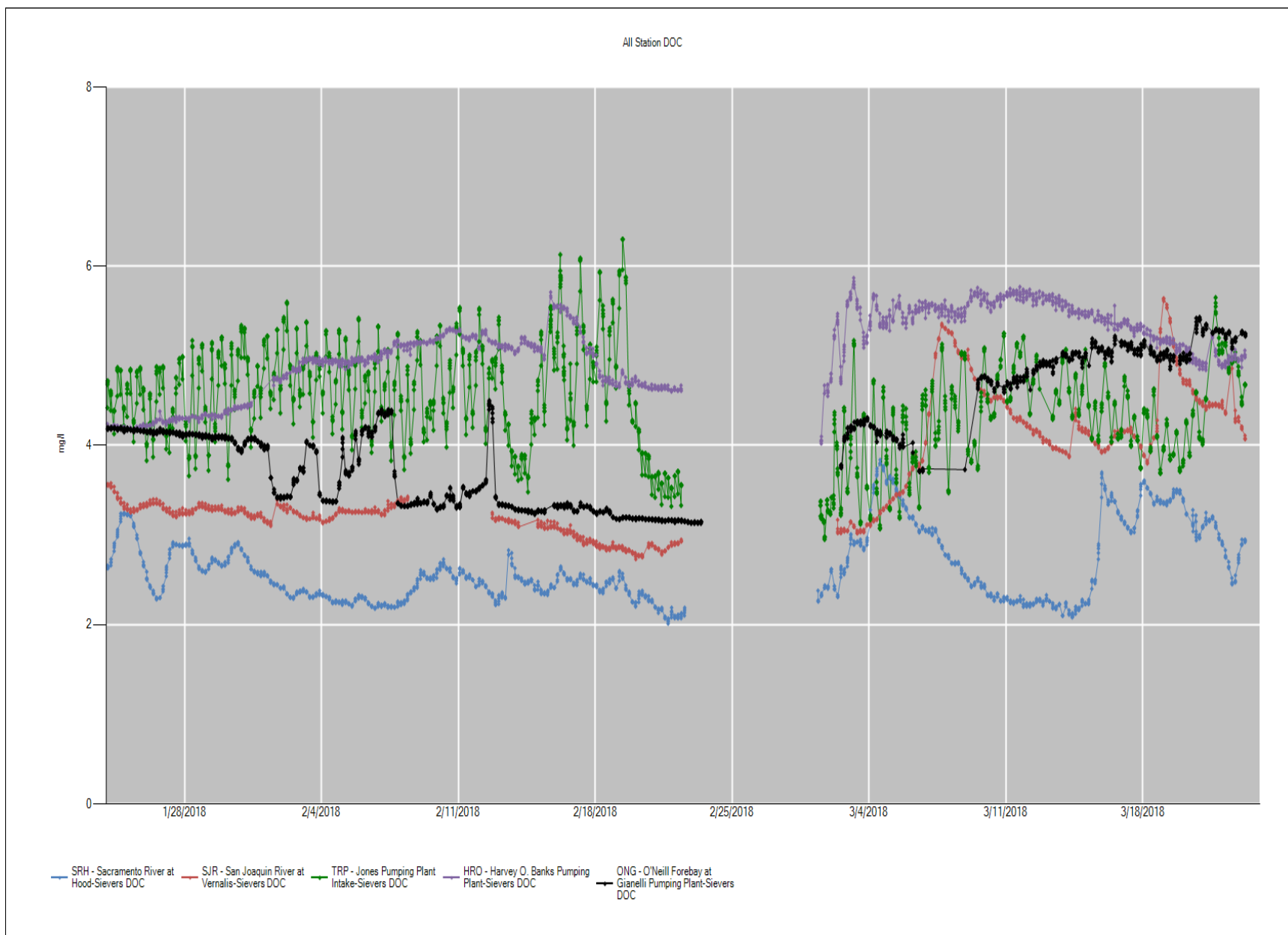


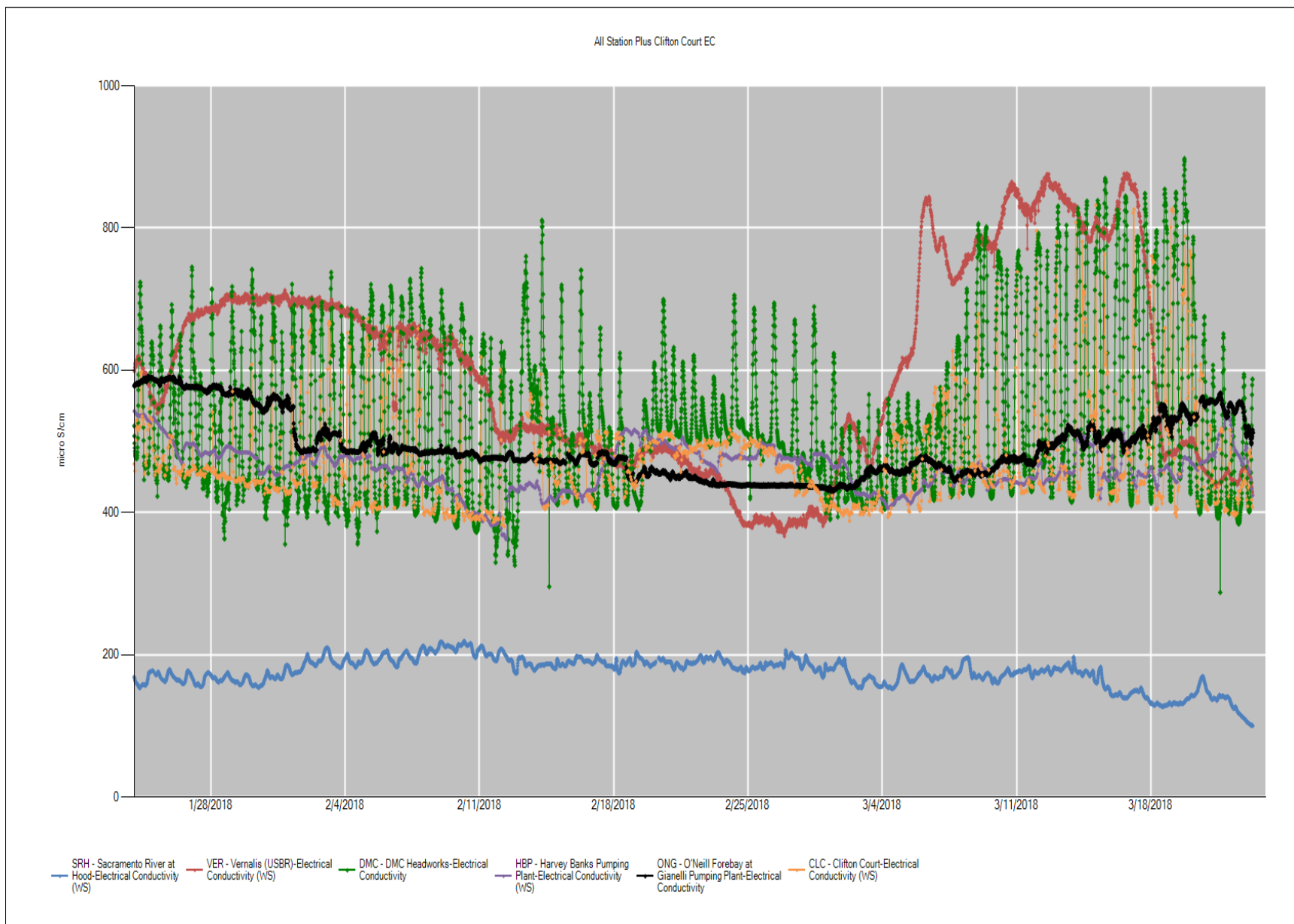
**Significant Events:** DEC 23<sup>th</sup>, 2017 to Mar 23<sup>th</sup>, 2018

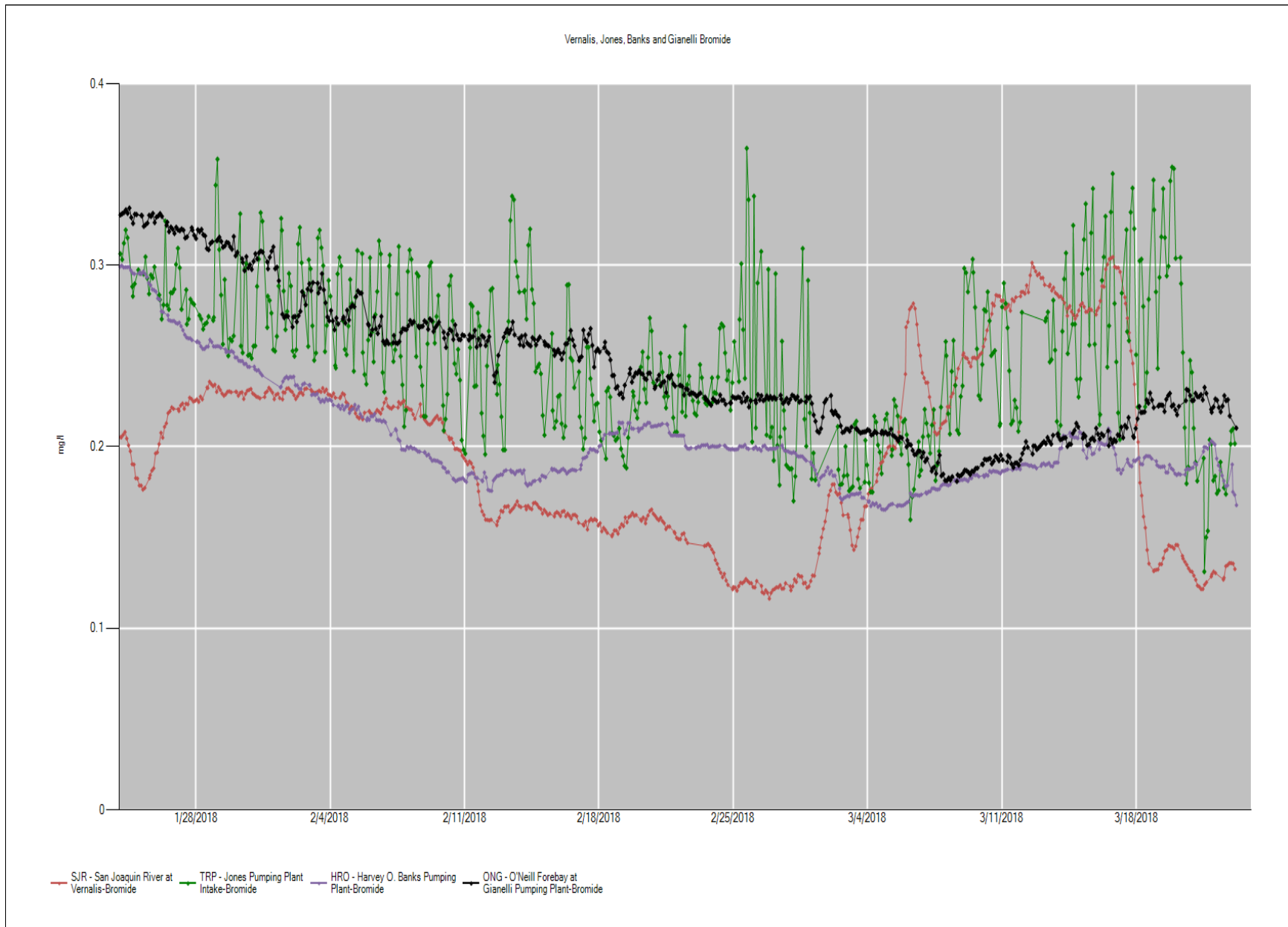
- **2/25 Sievers Year Maintenance, the instrument was not reporting.**



**2/23-3/2** – Sievers annual maintenance. **3/6-3/9** – Excess air in the filter housing caused the OC analysis to stop.

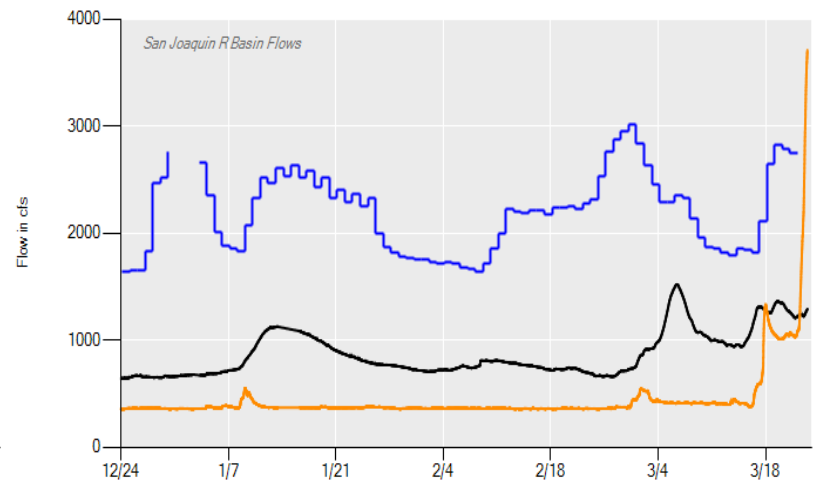
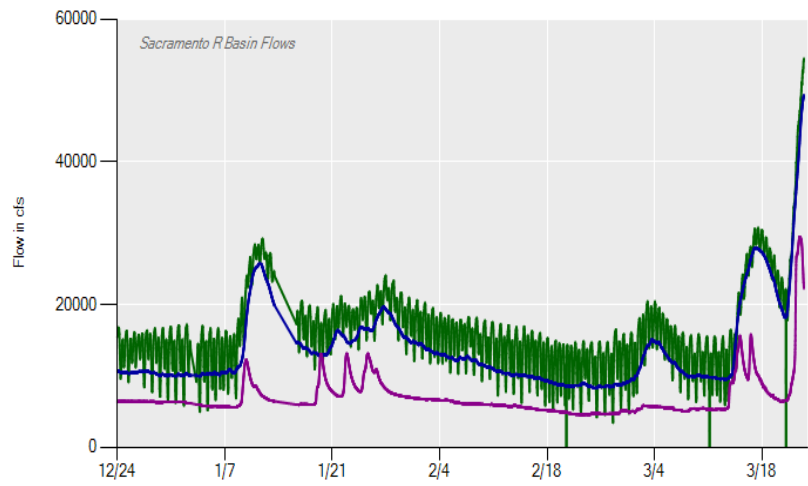
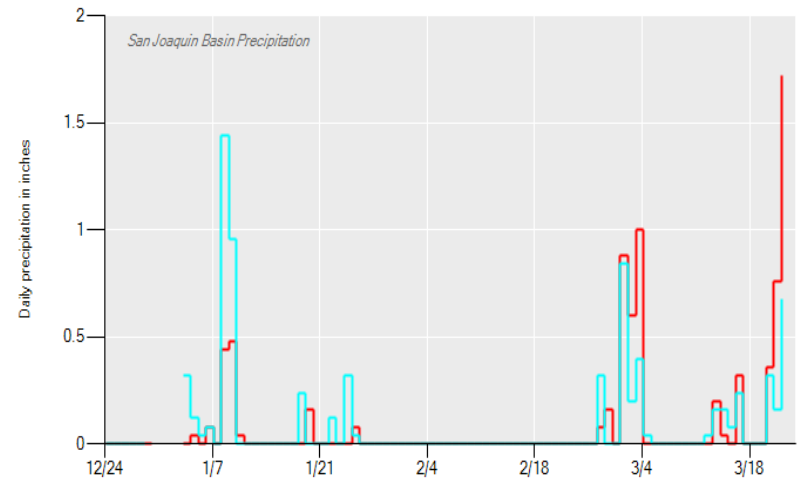
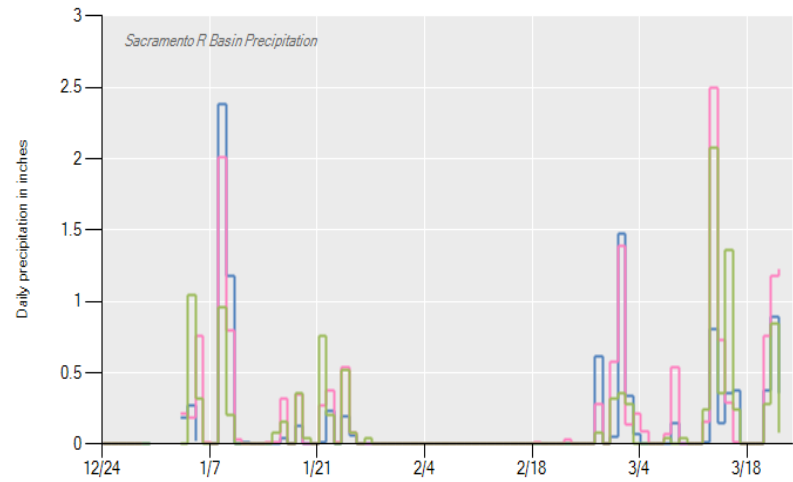




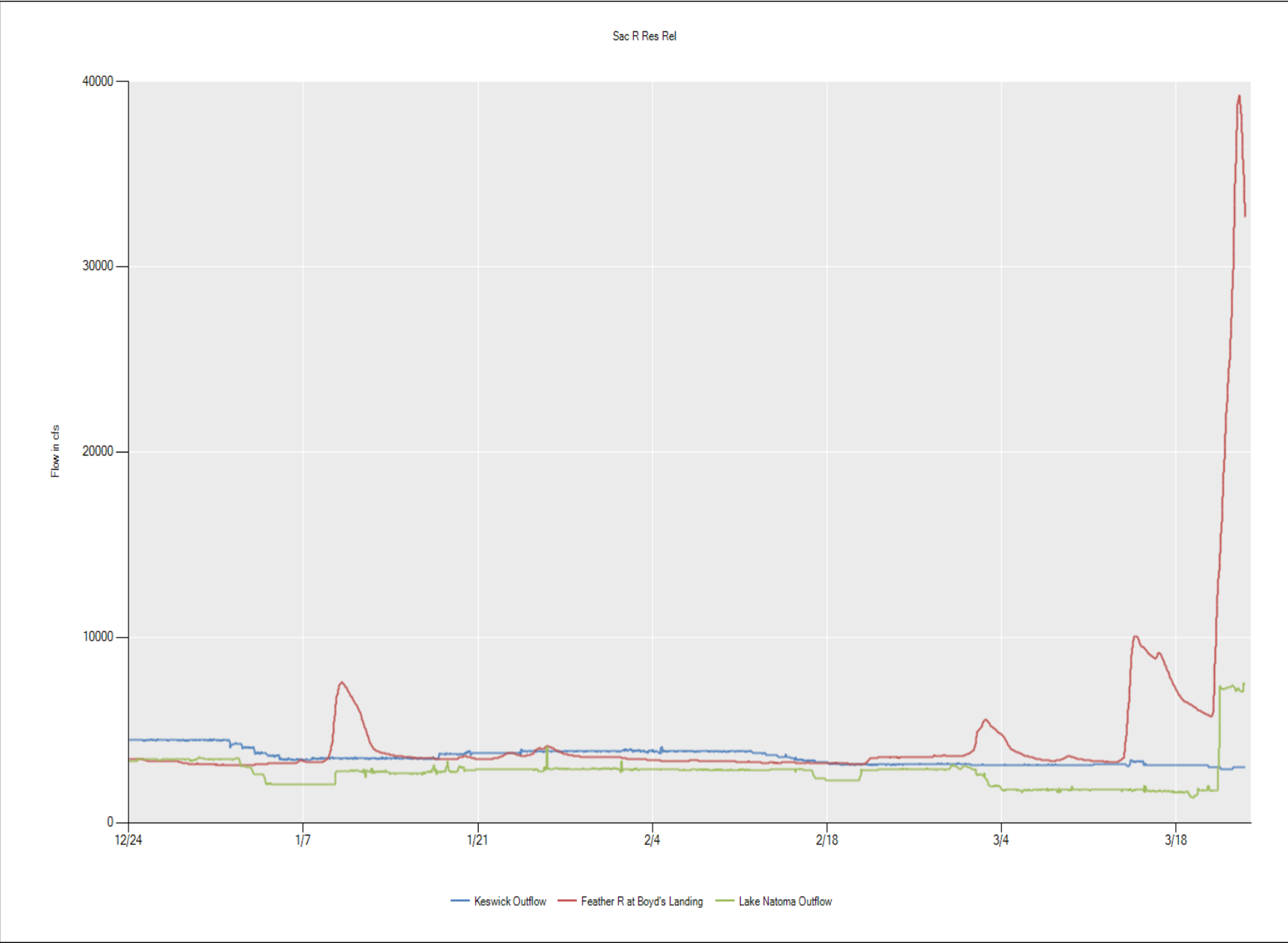




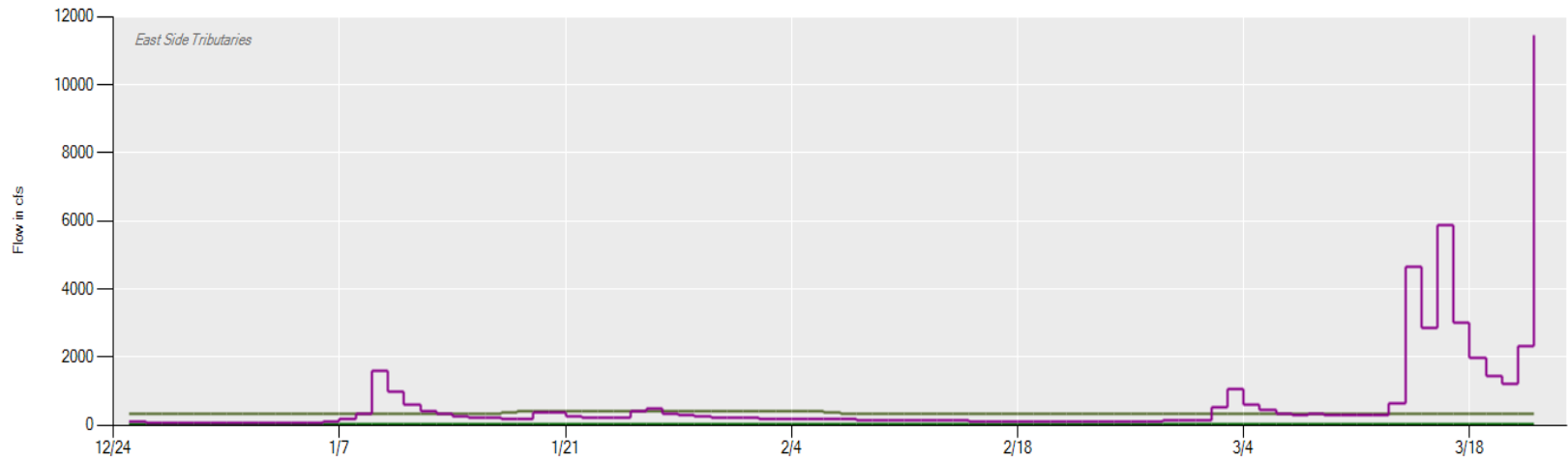
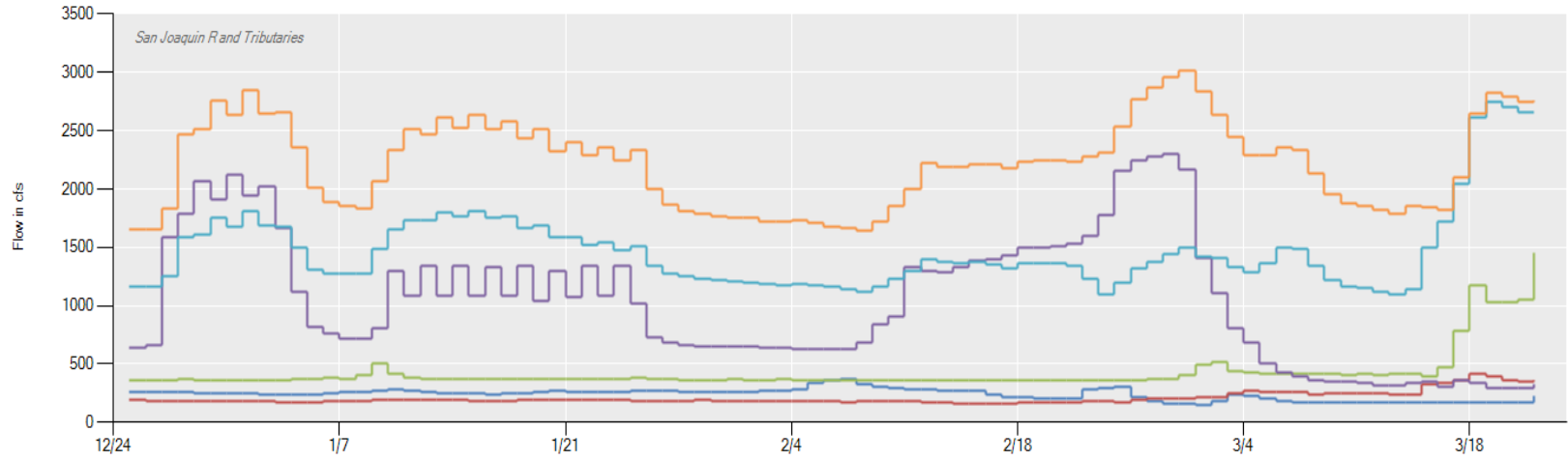
Precipitation & Flow



- CSU Sacramento
- Redding Fire Station
- 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
- SJR R at Vernalis
- Oroville Dam



SJR Tribs / Eastside Tribs



— Gravelly Ford — Merced R at Stevinson — Tuolumne R at Modesto — Stanislaus R at Ripon — San Joaquin at Maze Rd — Vernalis — Calaveras R blw New Hogan — Mokelumne R at Clements — Cosumnes R at Michigan Bar