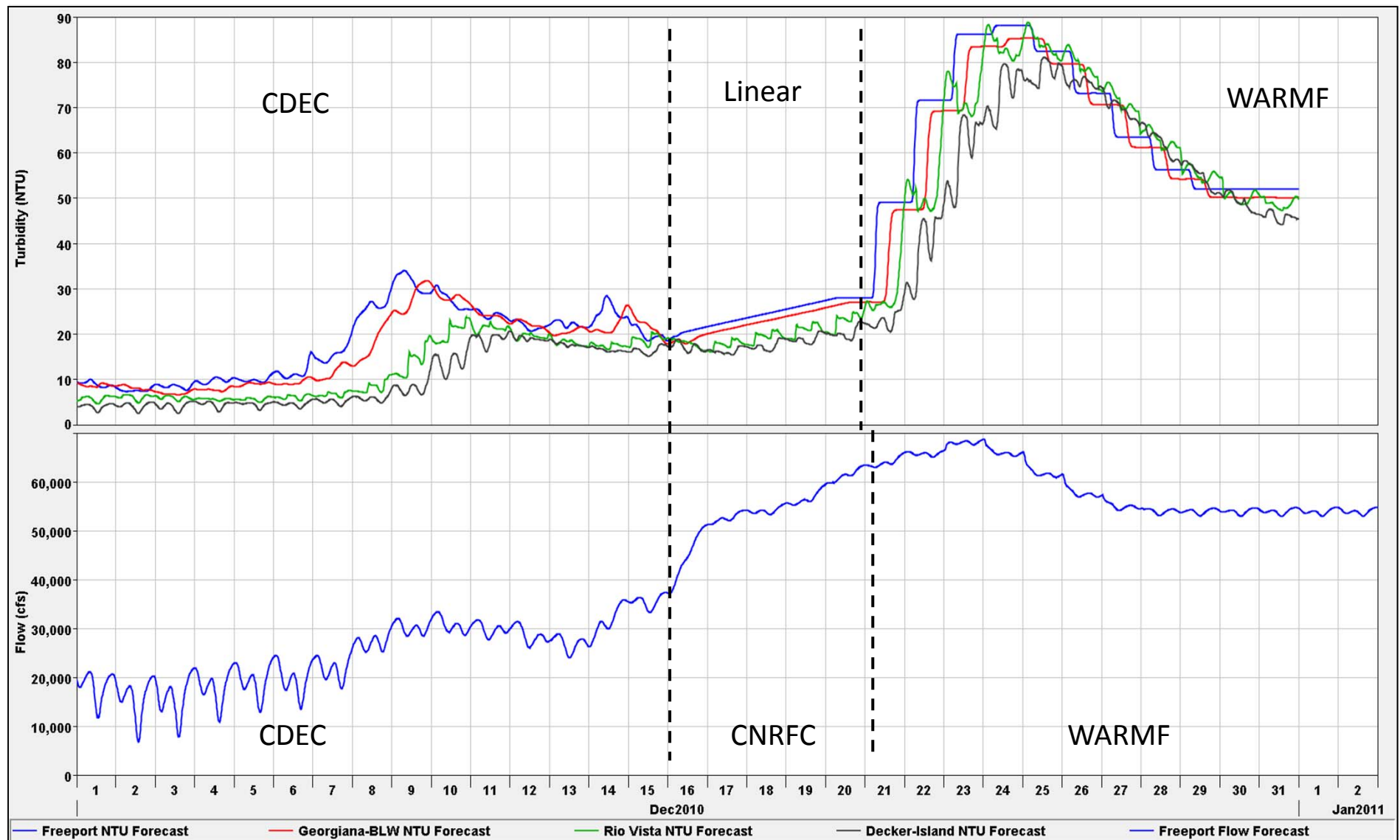


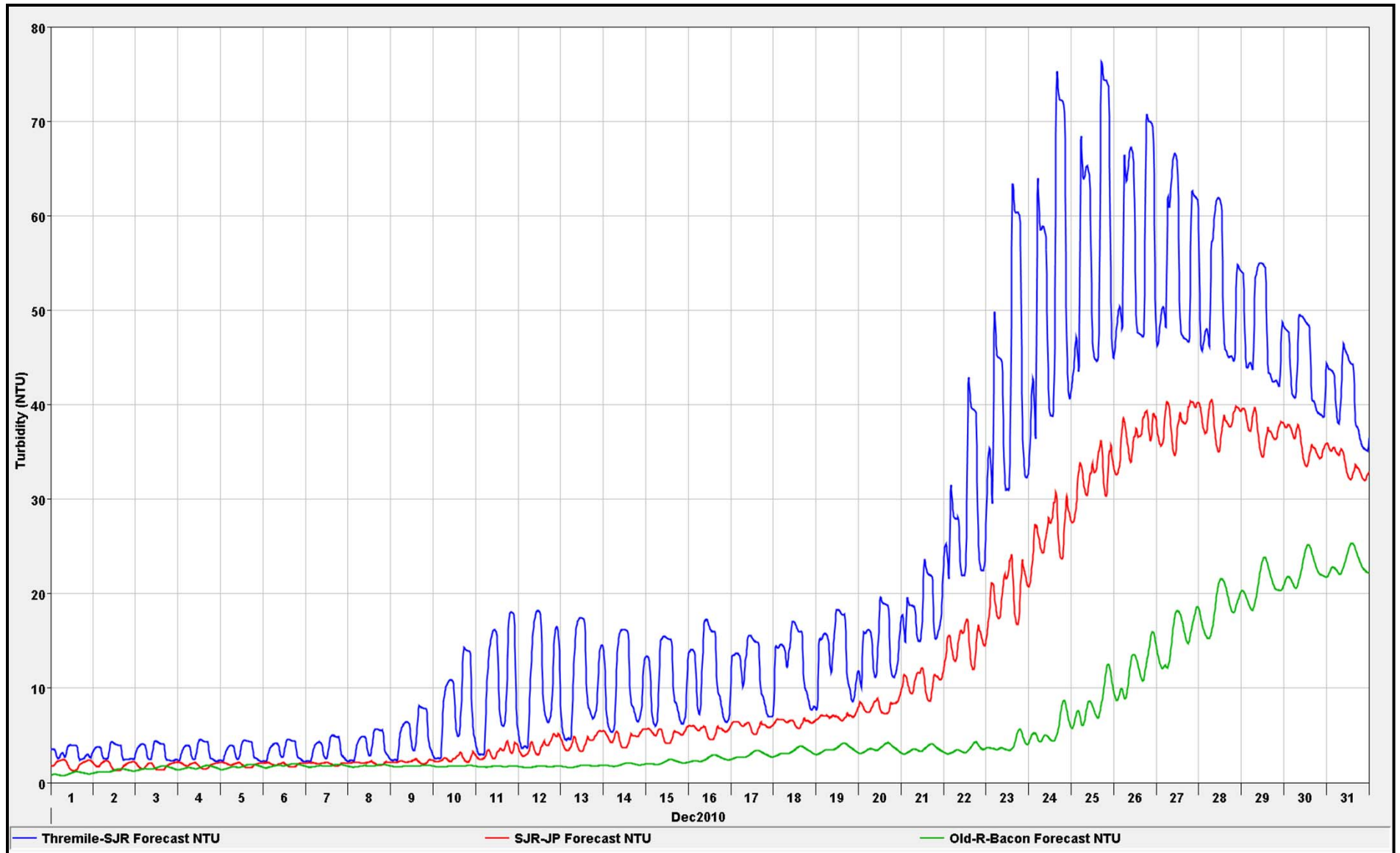
RMA Dec. 16, 2010 Forecast using WARMF BC

- Sacramento flow BC forecast compiled with 2 data sources (see slide 2)
 - Turbidity coming through Threemile Sl. influences Jersey Point ~ Dec. 22nd/23rd
- San Joaquin flow forecast used WARMF output
- Calaveras, Cosumnes, Mokelumne and Yolo used WARMF BC
 - Very high forecast flow and turbidity on Calaveras plus high Cosumnes flow influenced central Delta turbidity
- Note – location names on figure on final slide
- Turbidity contours and particle track model output illustrated weekly through December

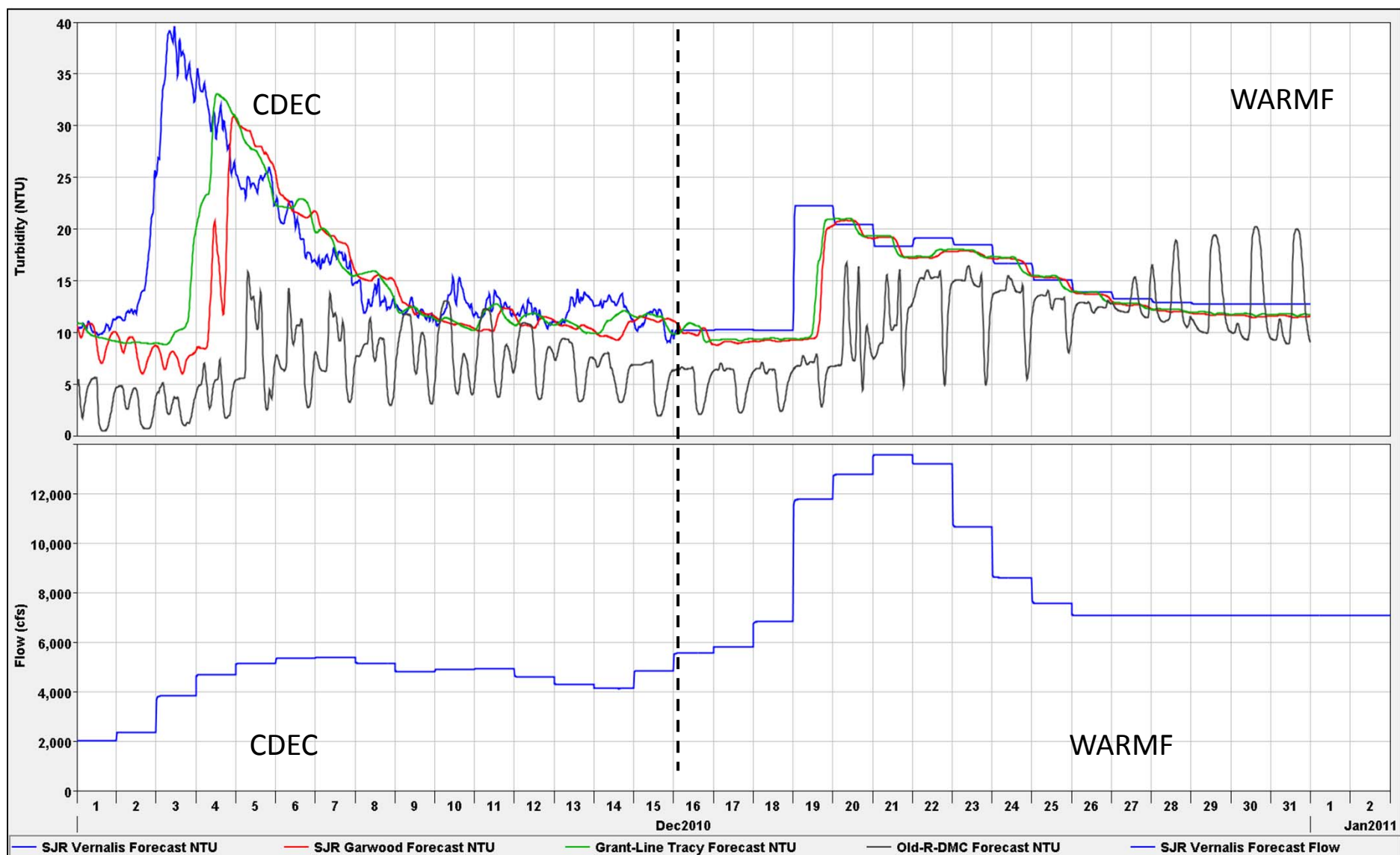
Sacramento R. BC progression down past Rio Vista to Decker Island



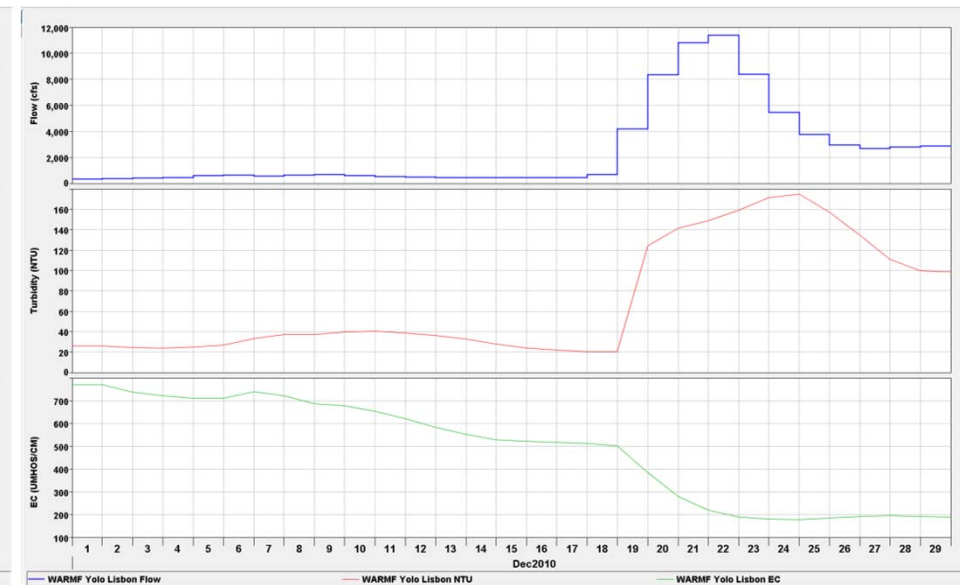
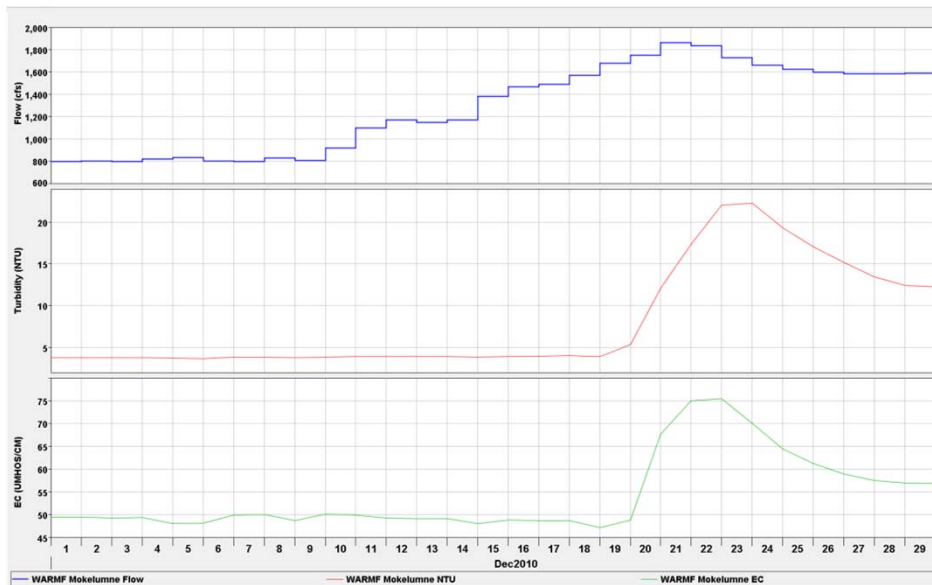
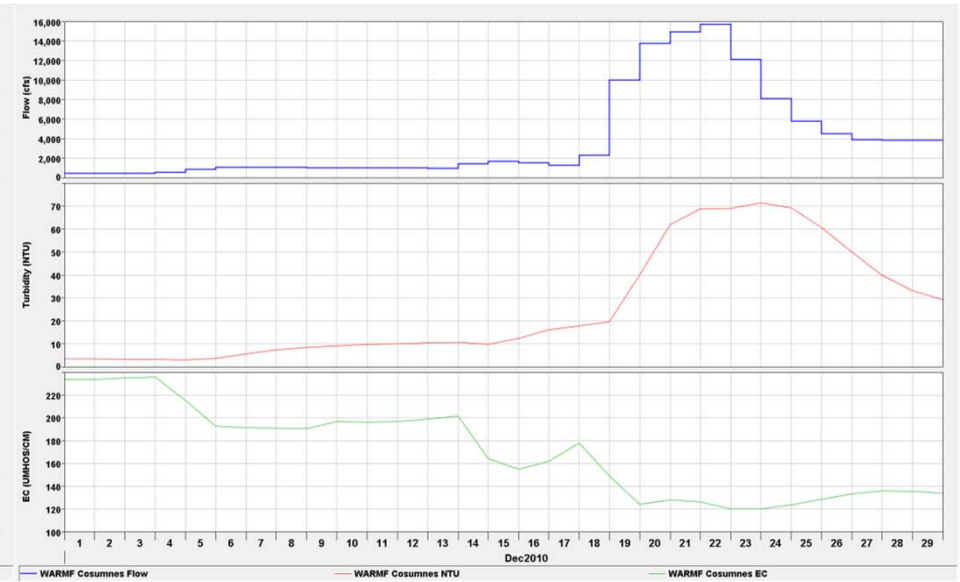
Turbidity Forecast: Threemile Sl., Jersey Point to Old R.



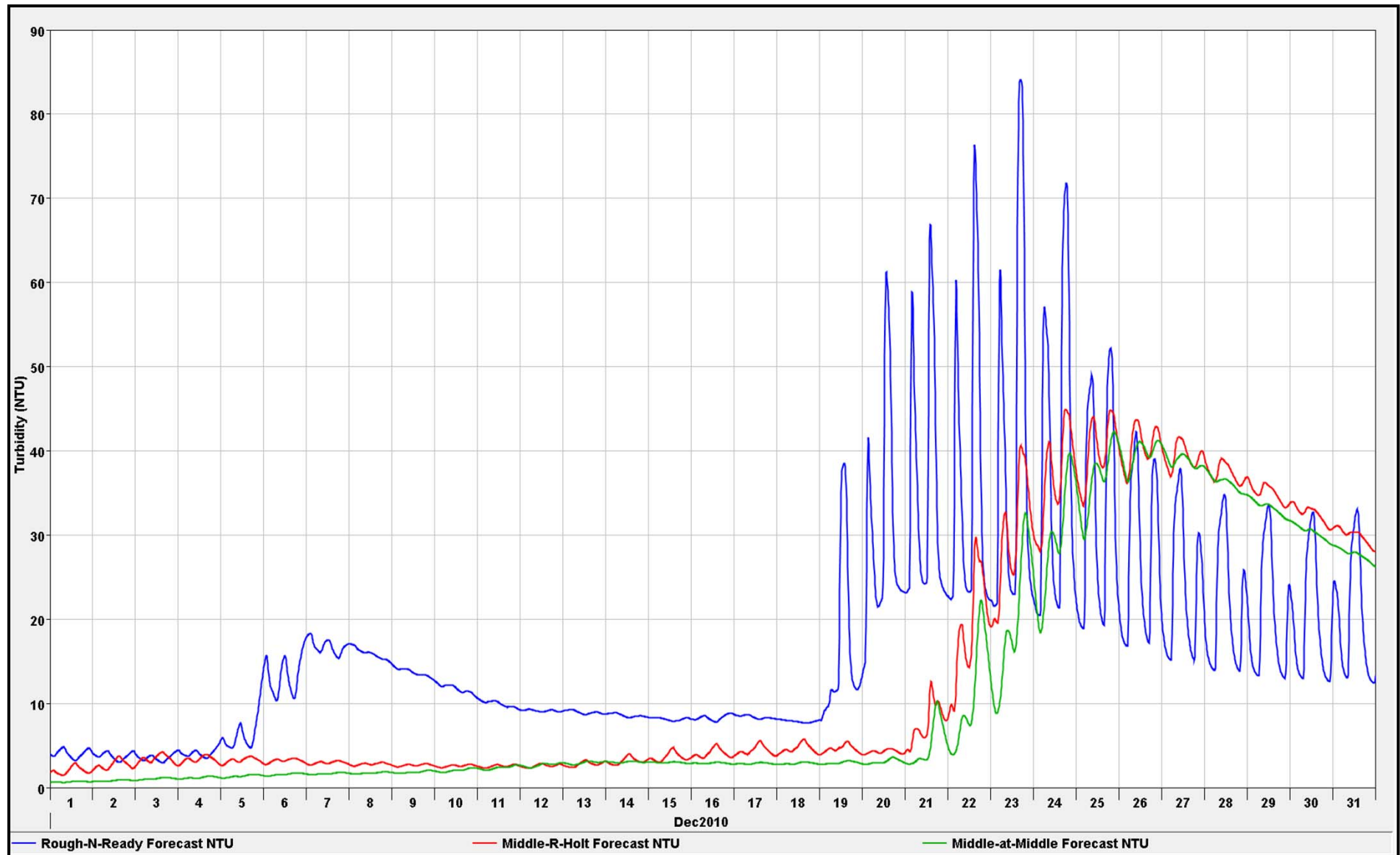
San Joaquin BC progression down SJR to Garwood, down Old R. to Grant Line and DMC



WARMF BC (flow, turbidity, EC) at Calaveras, Cosumnes and Mokelumne Rivers & Yolo-Lisbon



Turbidity Forecast: SJR Below Calaveras R. and Cosumnes, and influences turbidity in Middle R.



Motion due to Salinity Triggers – Action: Go to lower EC



Above maximum EC – moving with tidal flow



Above maximum EC – waiting

Motion due to Turbidity Triggers – Action: Go to higher turbidity



Below minimum turbidity – moving with tidal flow



Below minimum turbidity - waiting

General Motion

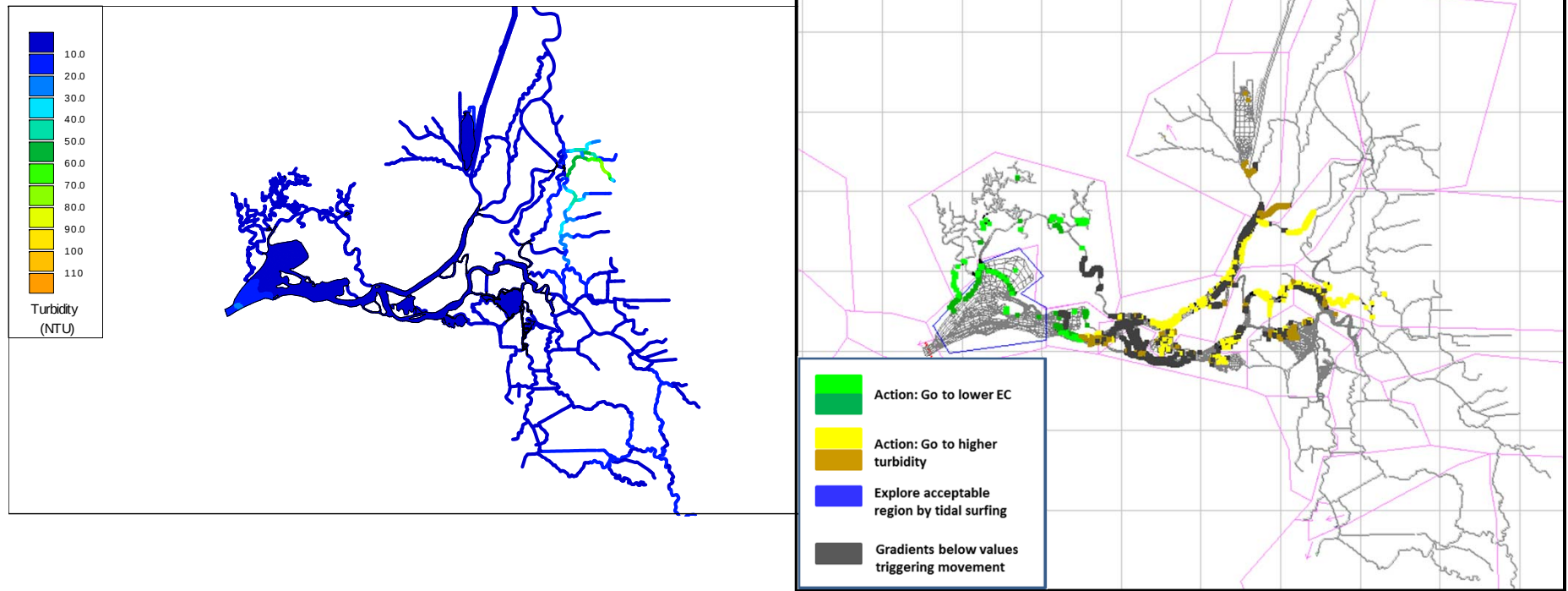


Turbidity and EC within desired ranges – explore acceptable region by tidal surfing

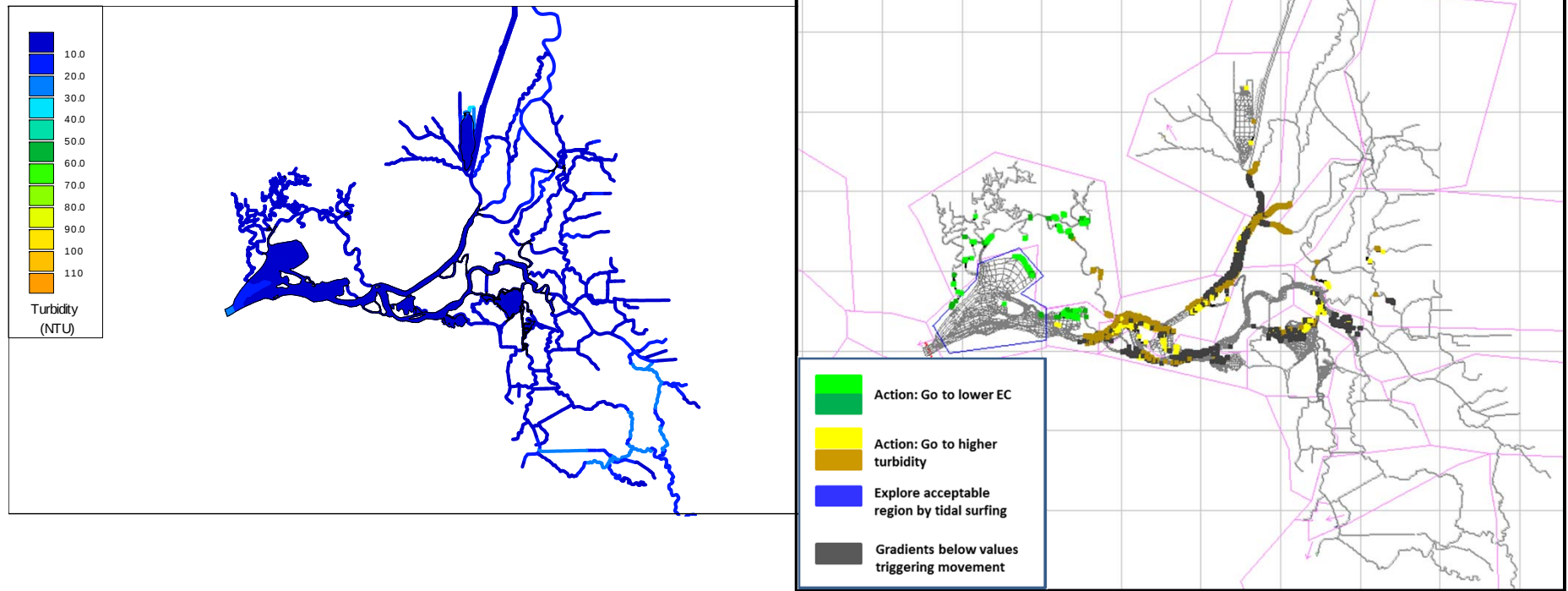


Turbidity and EC gradients below values triggering movement – moving very slowly with tidal flow

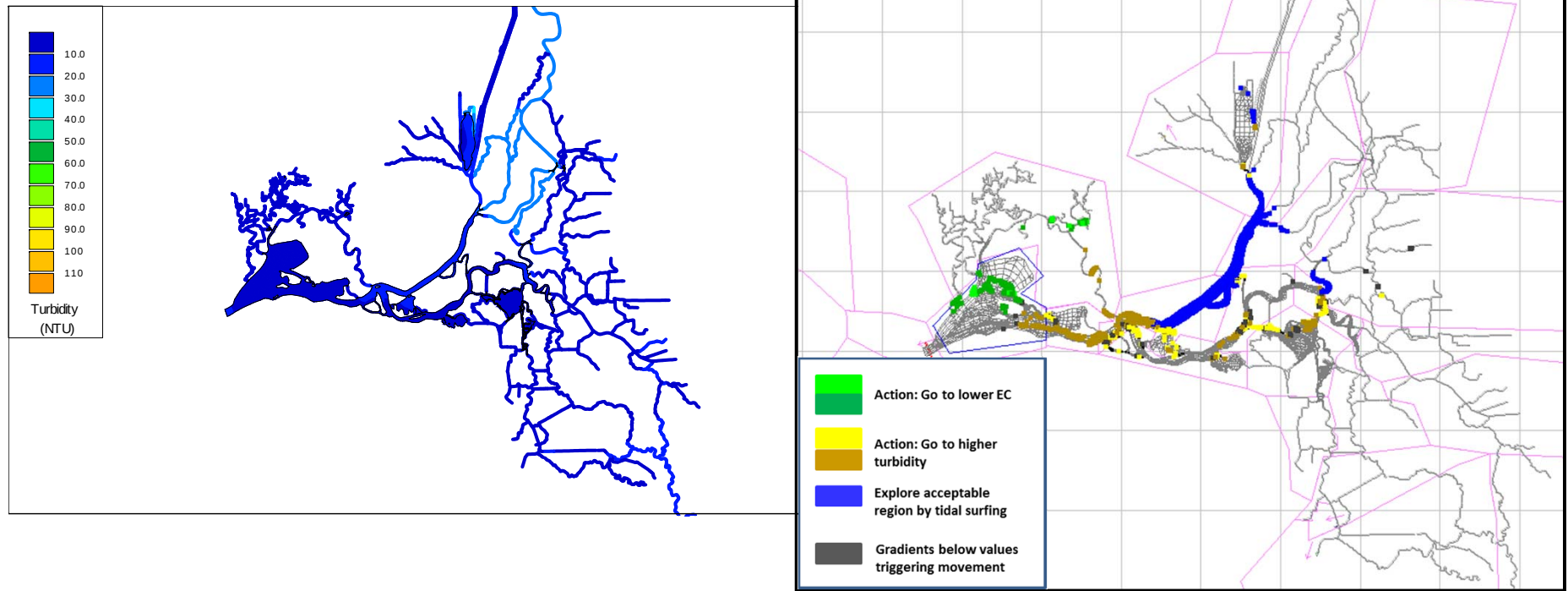
Dec. 01, 2010 Forecast NTU and PTM



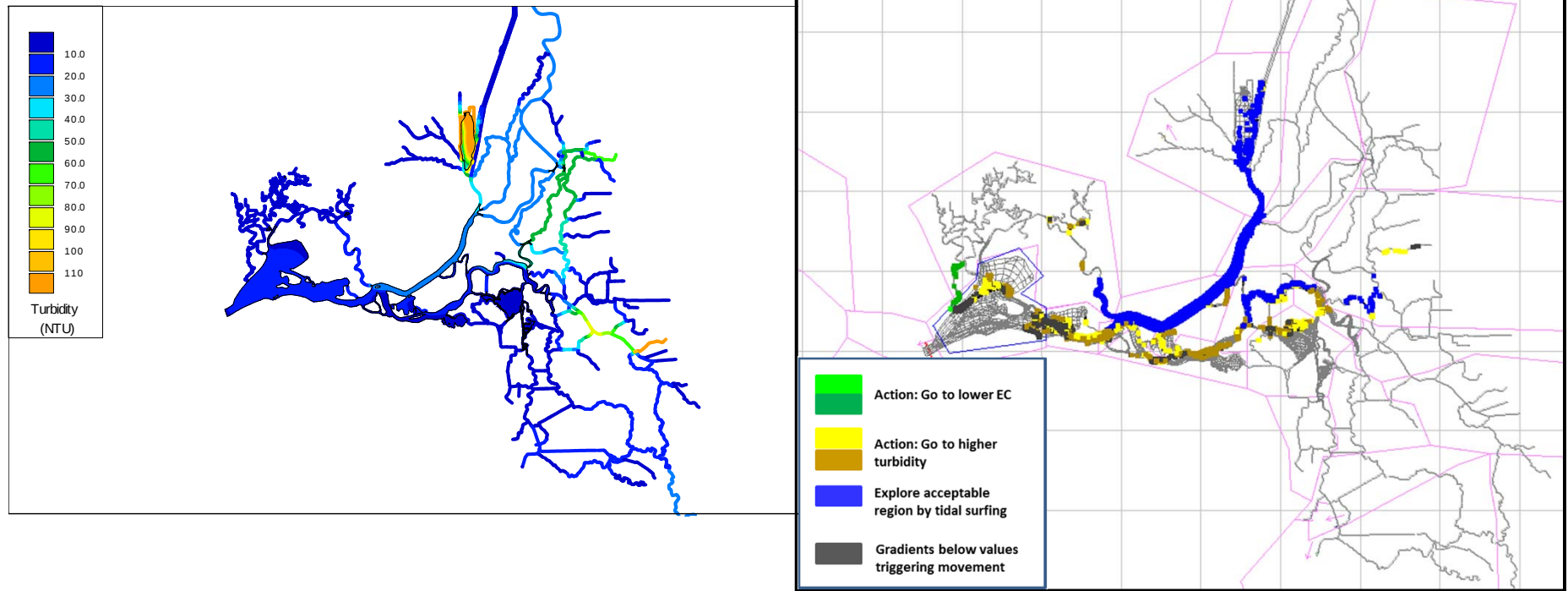
Dec. 07, 2010 Forecast NTU and PTM



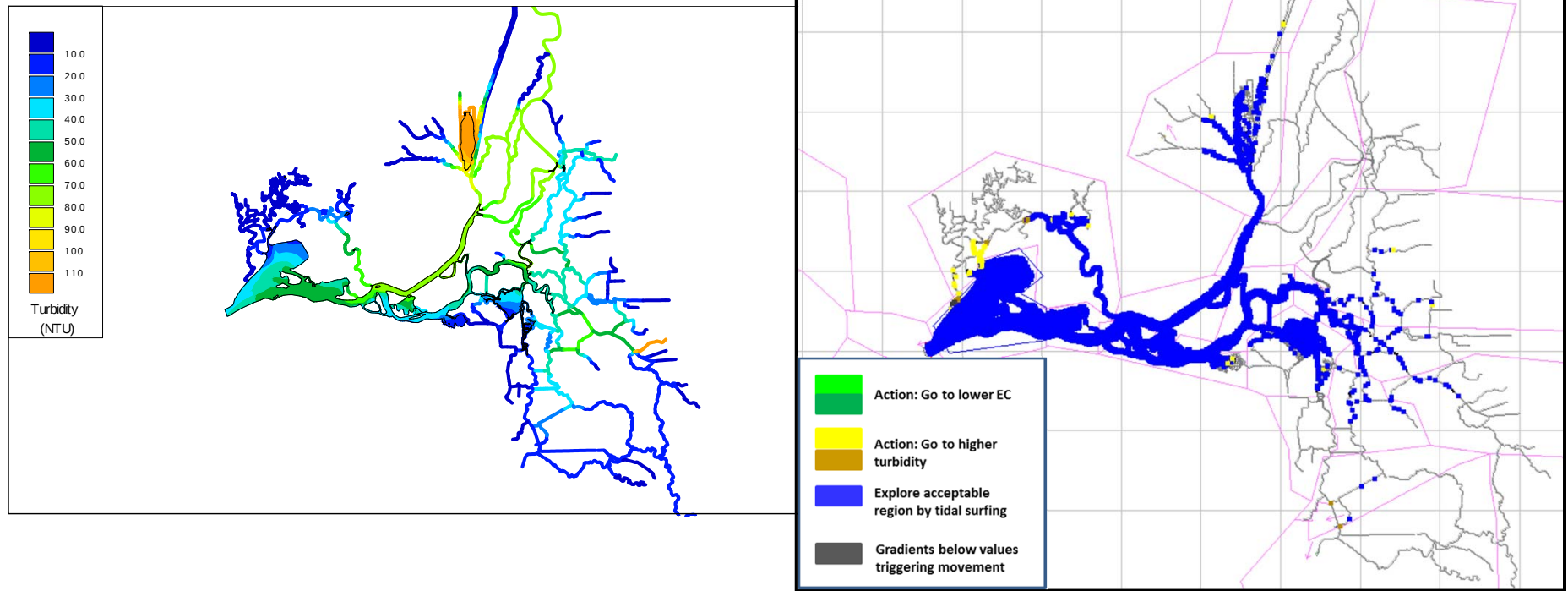
Dec. 14, 2010 Forecast NTU and PTM



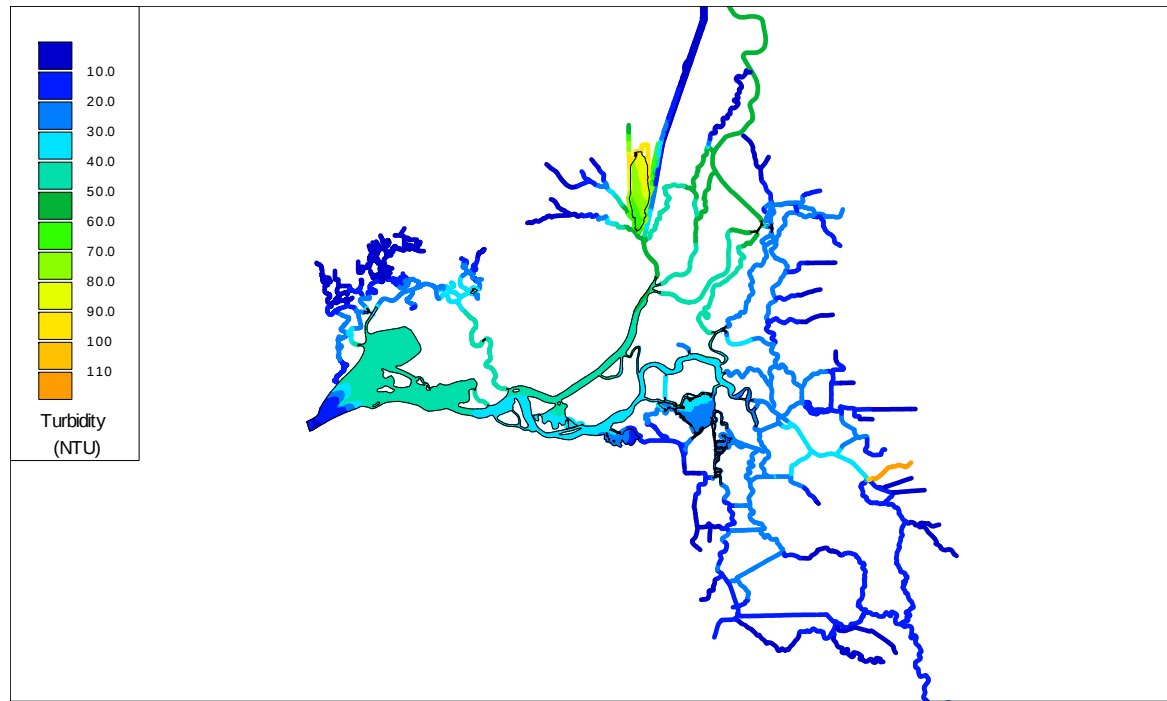
Dec. 21, 2010 Forecast NTU and PTM



Dec. 27, 2010 Forecast NTU and PTM



Dec. 31, 2010 Forecast NTU and PTM



Data Collection and Model Output Locations

