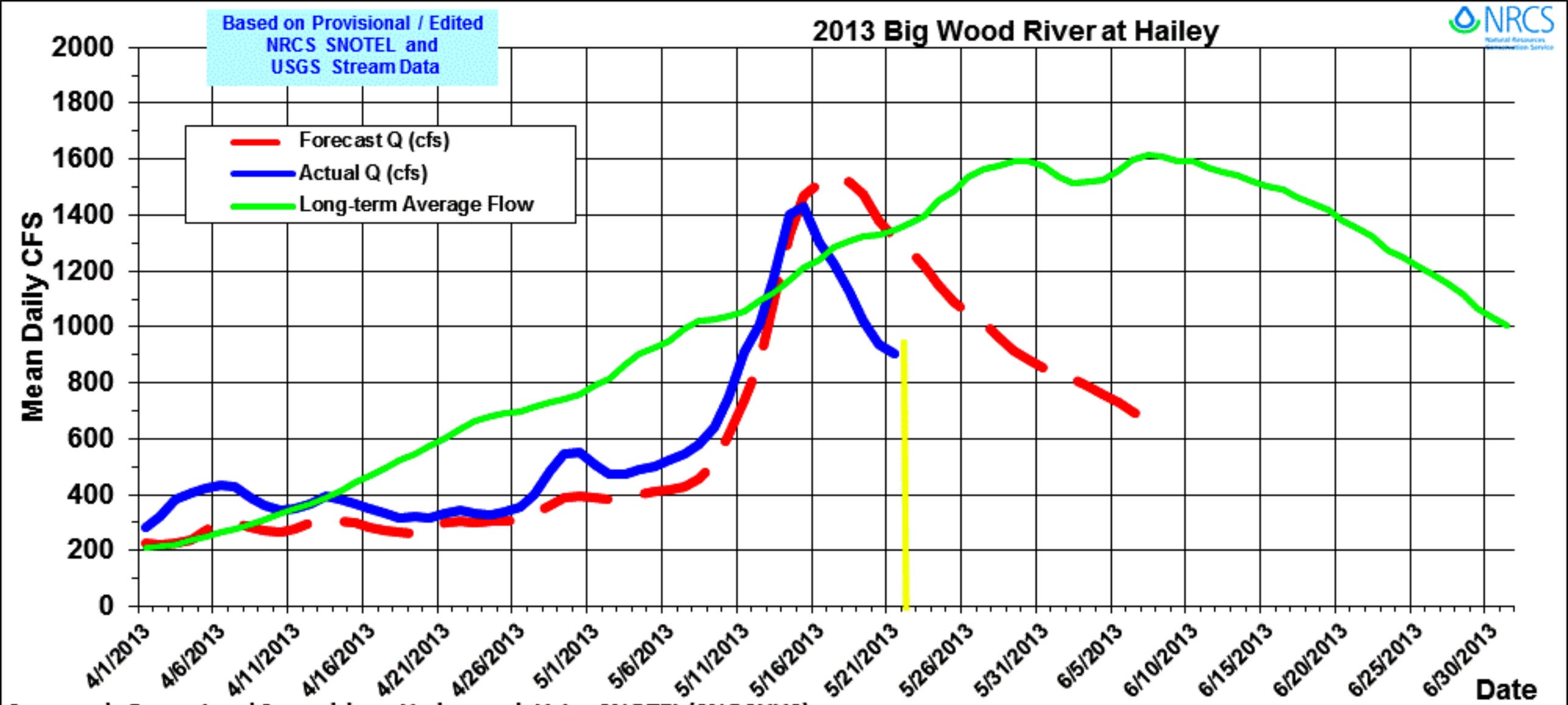
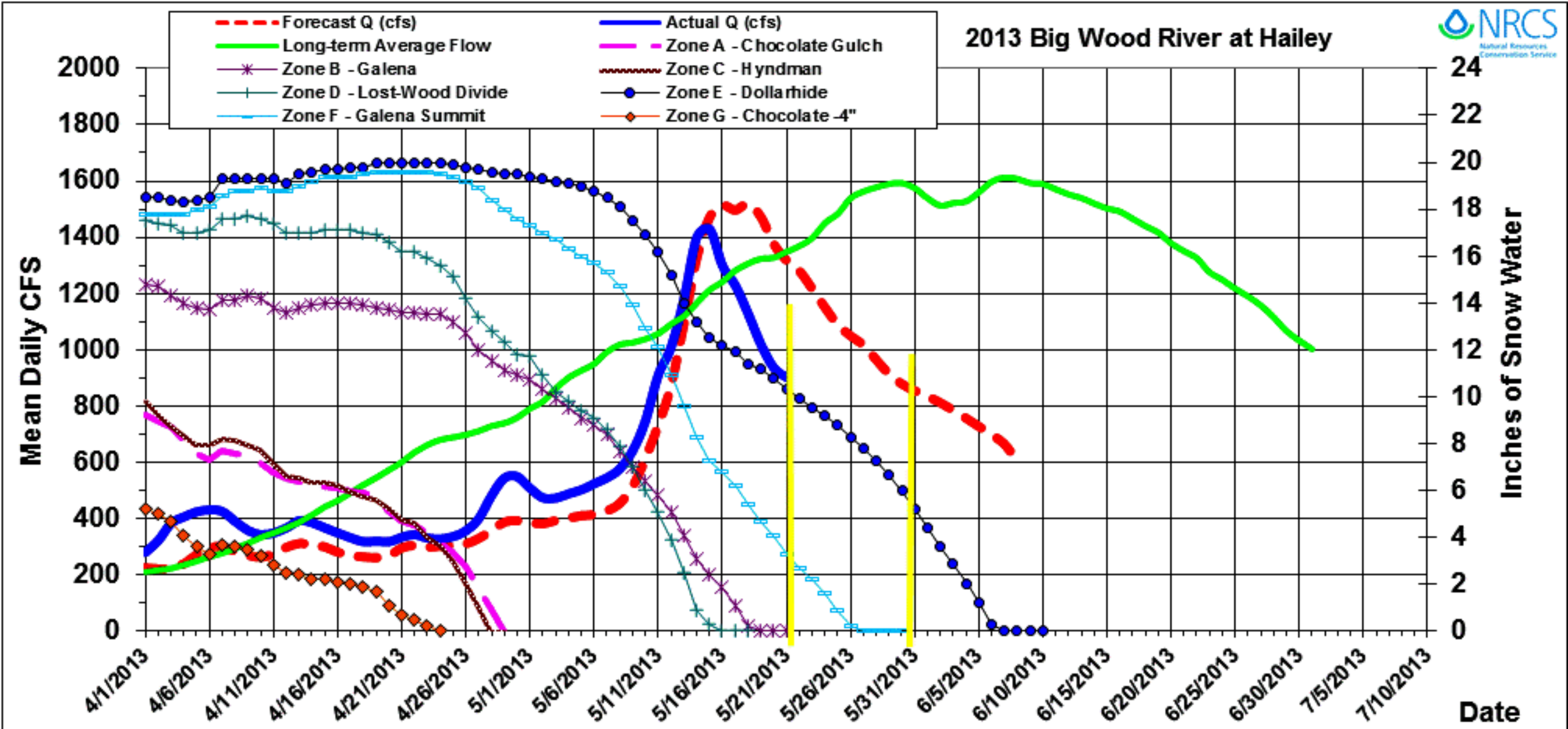


Snowmelt Operational Spreadsheet Hydrograph Using SNOTEL (SNOSHUS)

May 22, 2013 - Cooler weather is expected to keep snowmelt rates in the half an inch of melt per day which will sustain flows and produce a gradual decrease in flows. Future precipitation is not included until it falls. Model uses about .75" of precipitation the first day to prime the soils and about 0.33" on the consecutive day to produce runoff. A correctiomn in flow data was made and this data is now used in the model.



Hydrograph Trend and Snowmelt

May 22, 2013 - Snowmelt rates are kept at about half an inch per day at Galena Summit until the site is melted out. Dollarshide Summit melt rates are projected to increase to 0.8"/day by the end of May, which is normal for this time period.