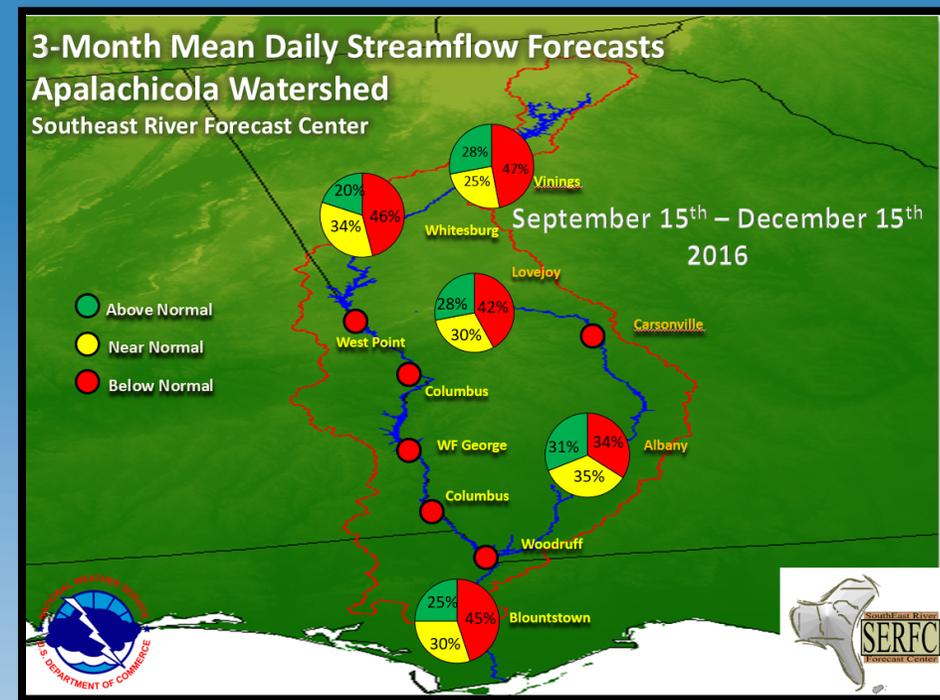
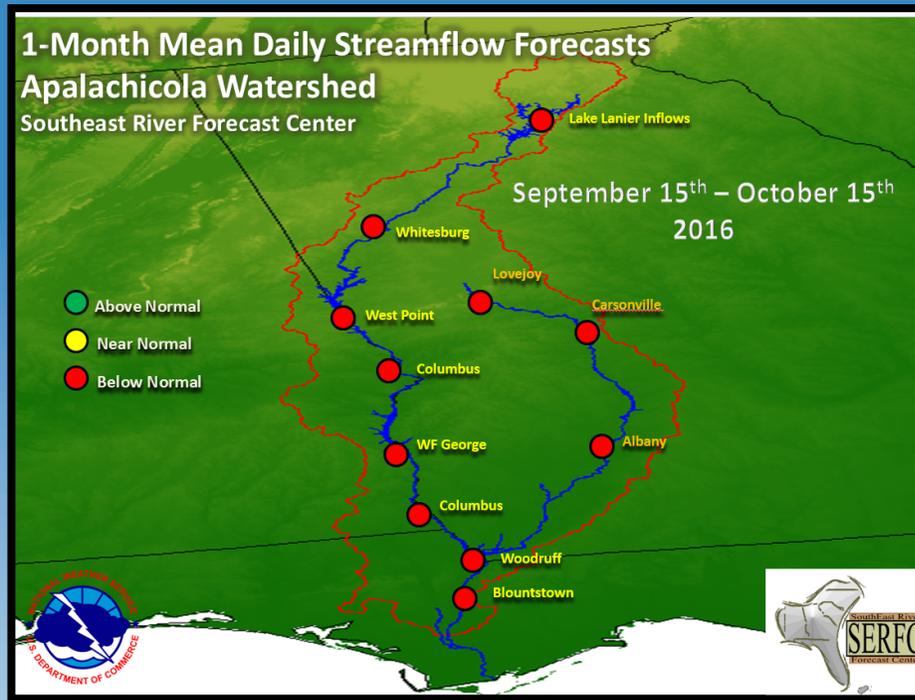


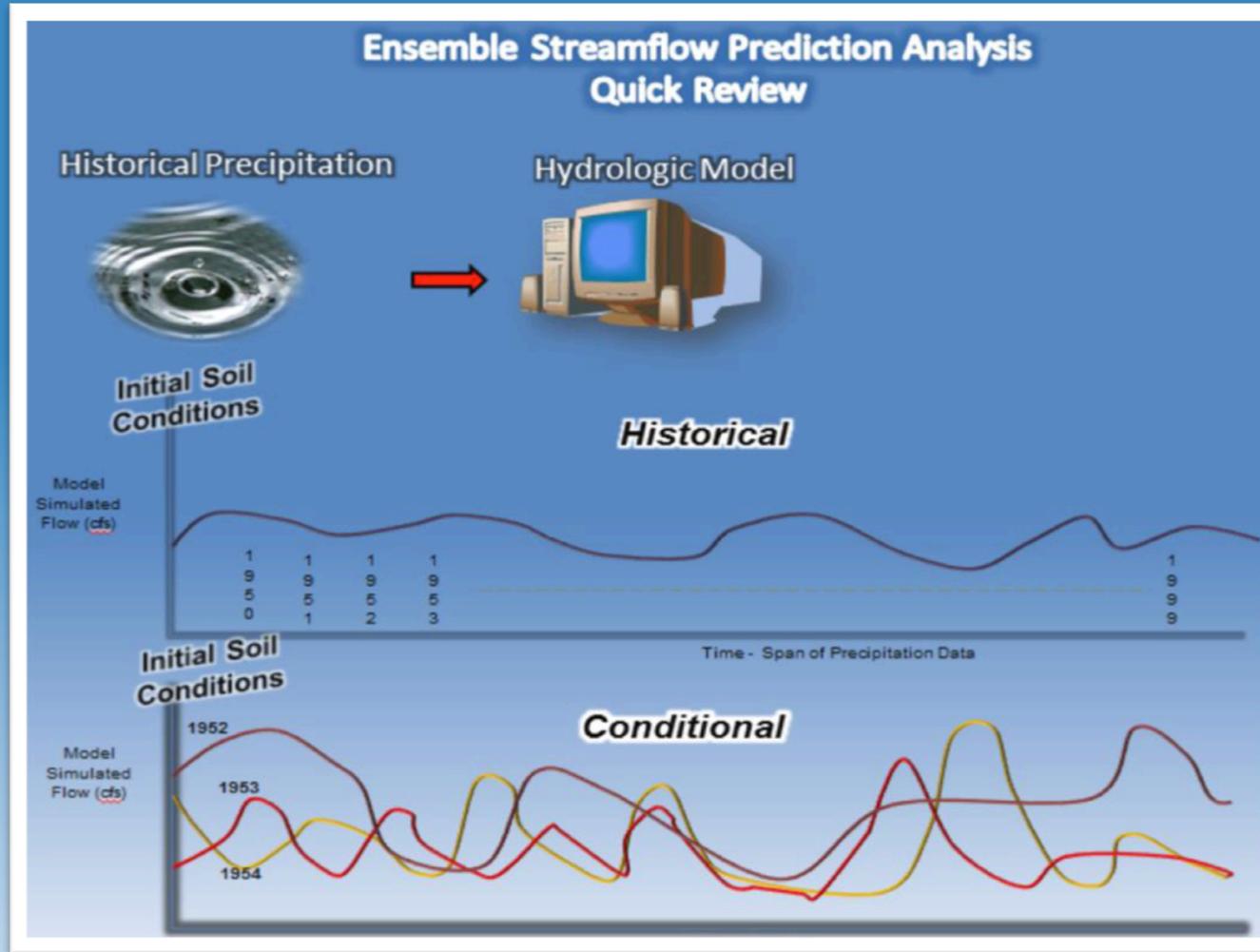
Southeast River Forecast Center Role in the NIDIS ACF Drought Early Warning Project

**Jeff Dobur
Senior Hydrologist
National Weather Service
Southeast River Forecast Center**

SERFC Primary Role Streamflow Forecasts



SERFC Ensemble Streamflow Prediction



Improvements for Long Range Probabilistic Streamflow Forecasting

- December 2012 Project with University of Auburn – Puneet Srivastava and Golbahar Mirhosseini
- Study looked at using analog approach to be used in ESP

Forecasting Streamflows in the Apalachicola-Chattahoochee-Flint River Basin Using Ensemble Streamflow Predictions

Forecast point	USGS #	Drainage area, sq. mi.	Gauge Elevation, ft.
LOVG1: Flint River, near Lovejoy, GA	02344350	127	758.8
GRFG1: Flint River, near Griffin, GA	02344500	272	711.44
MOLG1: Flint River, near Molena, GA	02344872	794	649.58
CLUG1: Flint River, near Carsonville, GA	02347500	1850	334.54
MNTG1: Flint River, near Montezuma, GA	02349605	2920	255.83

