

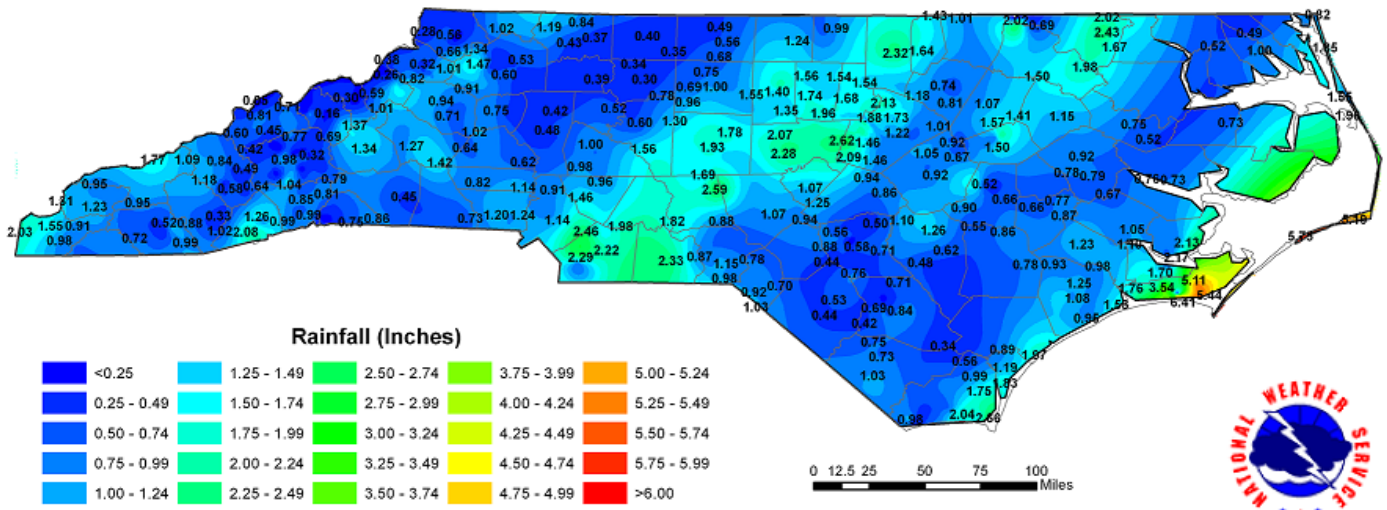
# Drought Status Update 10/21/2011

The subtropical rainfall that spread across the state on Tuesday and Wednesday ranged up to 3 inches across Central NC. Notice in Fig 1, below, that the swath of maximum rainfall did catch the upper headwaters of the Neuse and Cape Fear rivers, which were categorized in moderate drought (Fig 2), primarily due to extremely low stream flows and corresponding low inflow into Falls Lake and Lake Jordan.

Created by the National Weather Service Forecast Office Raleigh, North Carolina

## Rainfall 10/19-20/2011

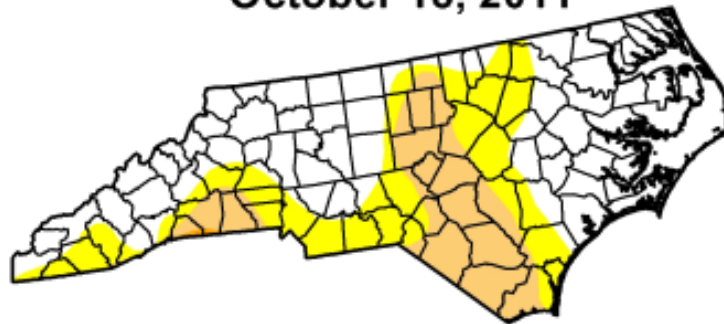
Source: NWS Metars, NWS Cooperative Observers, and CoCoRaHS Observers



This map is an interpolation of actual reported values, but should be considered an estimation only.

# U.S. Drought Monitor

October 18, 2011



**Intensity:**

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

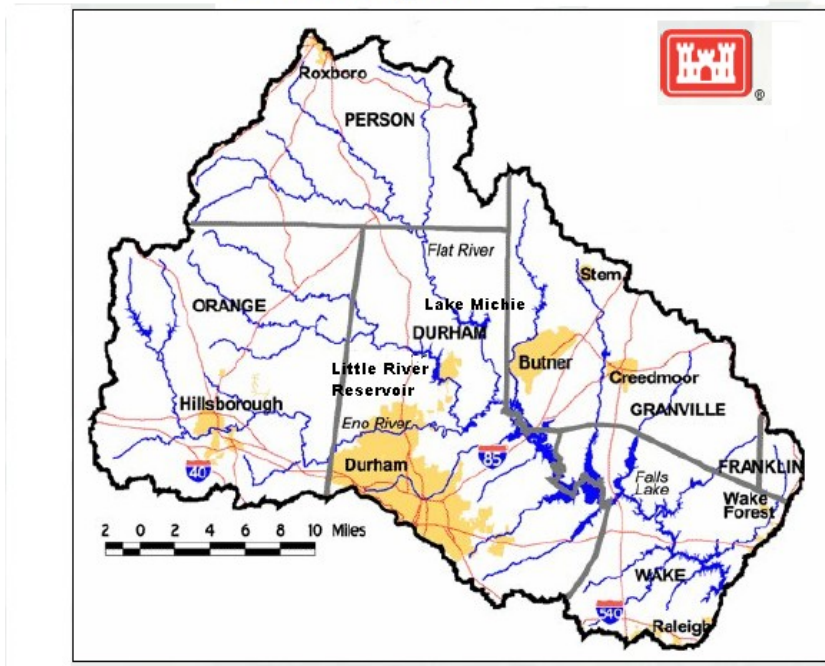


Week	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
October 11, 2011	46.76	53.24	20.77	0.44	0.00	0.00
October 18, 2011	55.37	44.63	19.52	0.22	0.00	0.00

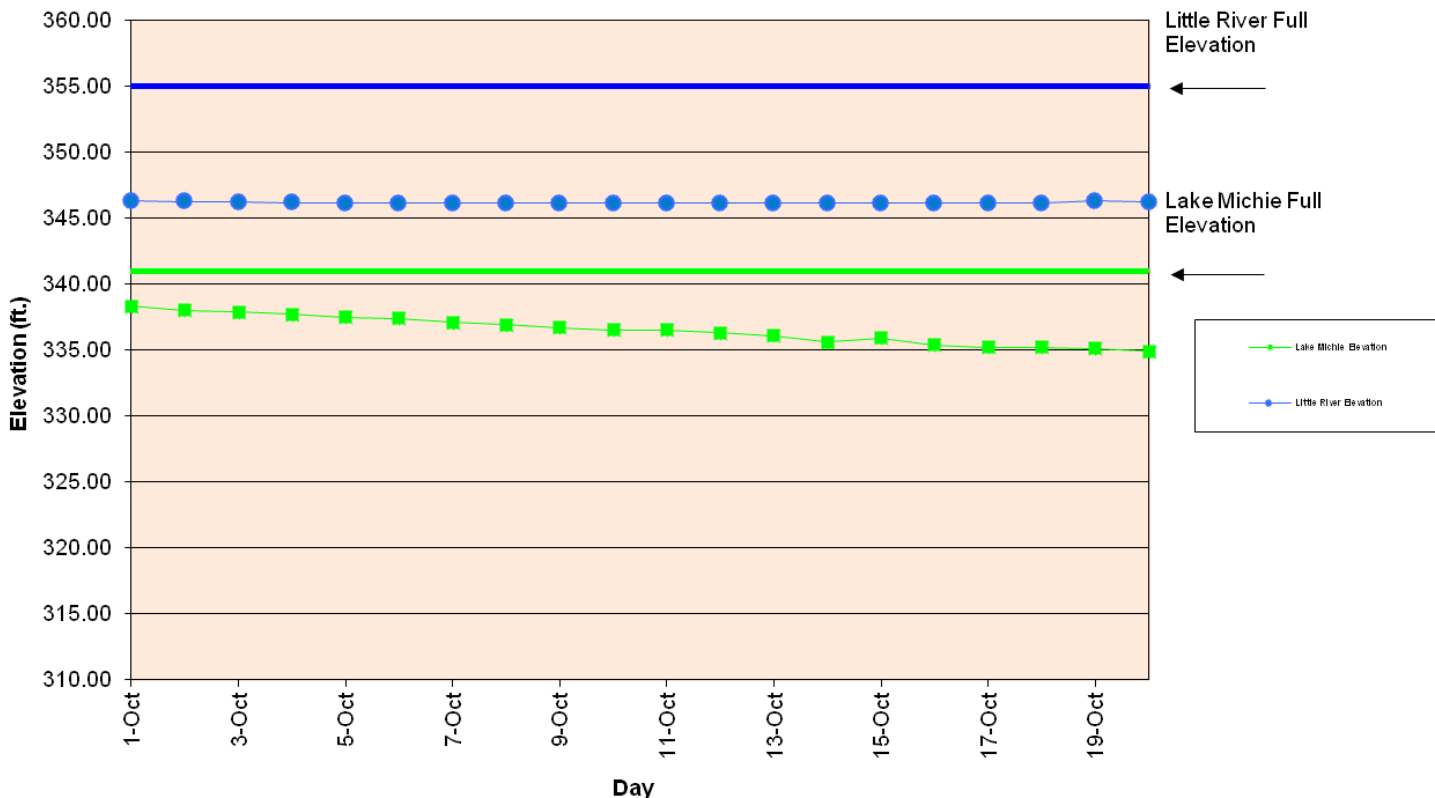
# Neuse River Basin -- Falls Dam Watershed

Durham's reservoirs upstream of Falls Dam control about one-third of Fall's drainage area.

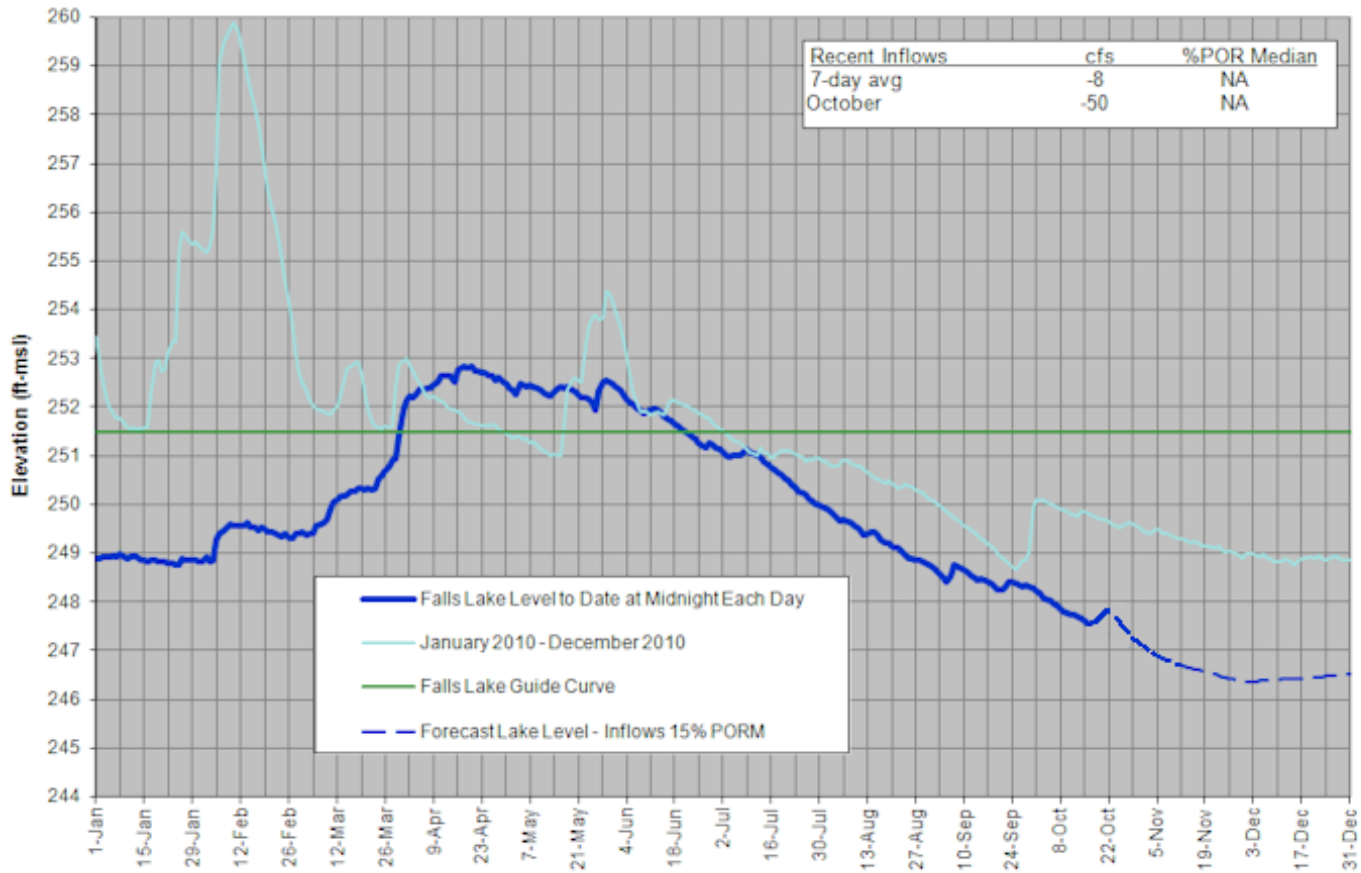
Stream flows improved across the area, but there was little corresponding improvement in water levels at Lake Michie and Little River reservoir, upstream of Falls Lake. These lakes must fill before water flows downstream into Falls Lake.



Durham Lake Levels  
October 2011



### Falls Lake Level - 20 Oct 2011



### Jordan Lake Level -- 20 Oct 2011

