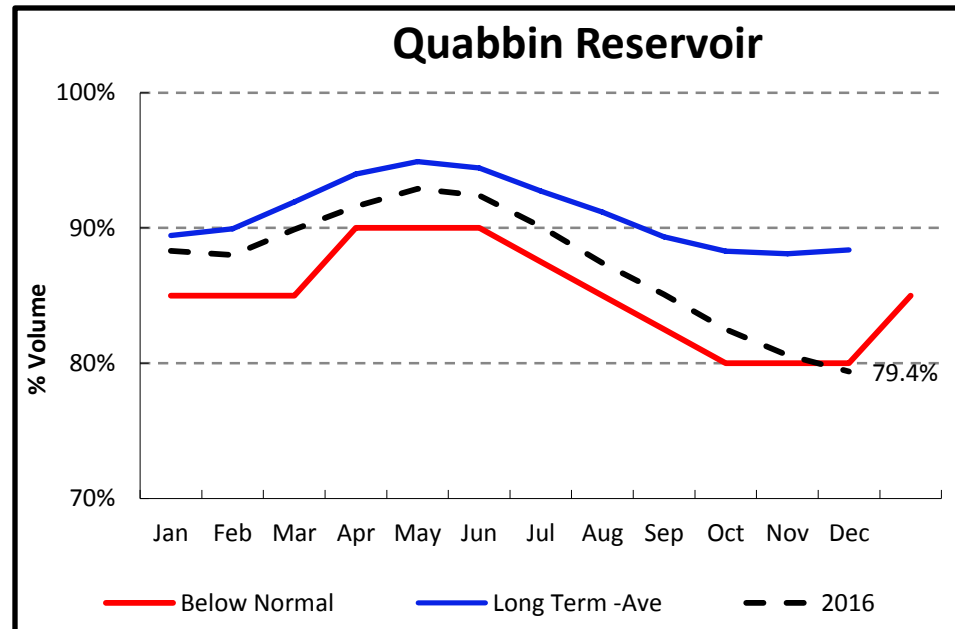




Quabbin Status as of Dec. 5, 2016

- Current Elevation: 518.74 ft
- Current Volume: 357,502 MG (74.9%)
- At current capacity Quabbin can supply the system's current demand* for 4.9 years

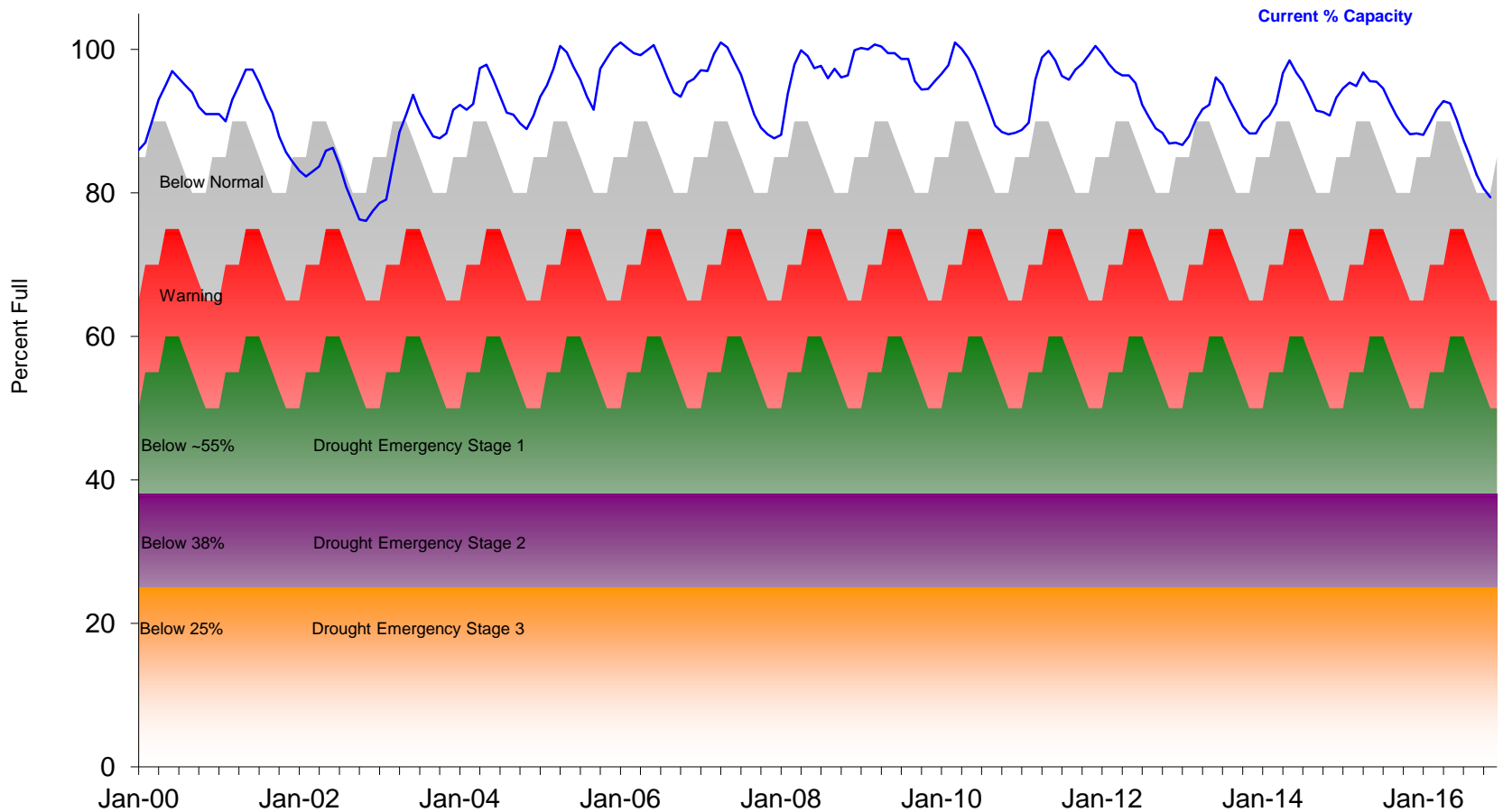
* Calculated using an average daily demand of 200 MGD





Quabbin Reservoir Levels relative to Drought Stages

Quabbin Reservoir Levels
With Drought Emergency Planning Stages





Quabbin Reservoir Projections – December 2016

Quabbin Reservoir levels have been modeled for the next 12 months (December 2016 – November 2017) given varying yield conditions, and our current annual demand of 210 mgd. It should be noted that November 2016 was the 5th driest November in the 68 year history of Quabbin yields. The monthly yield for November 2016 was 312.8 MG.

Table 1 below shows the ending drought status for the time period being simulated.

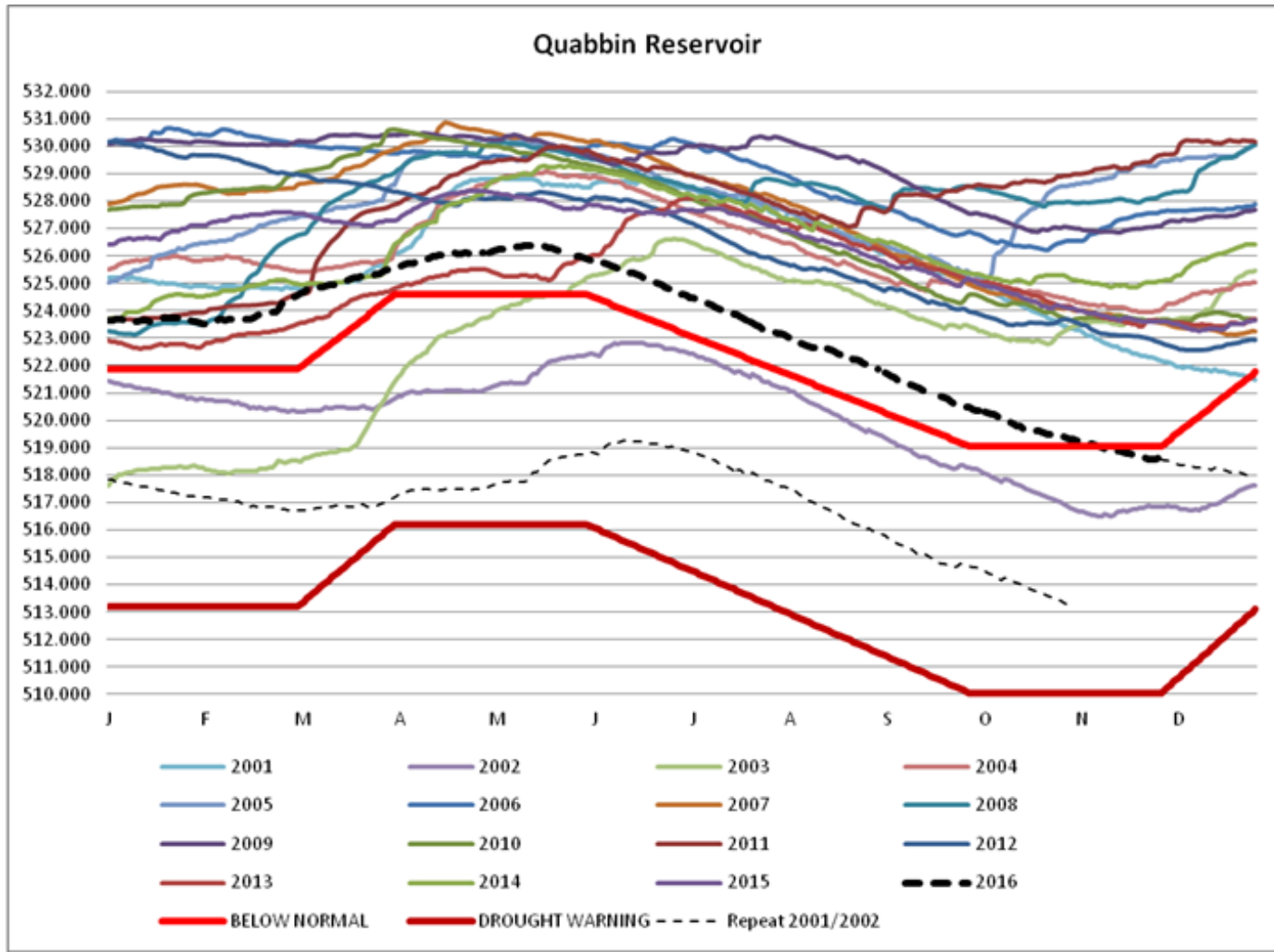
Table 1: Quabbin Reservoir Ending Status with Varying Reservoir Yield Scenarios Looking Forward from December 1, 2016

	1-Month	3-Months	6-Months	12-Months
Median Yield	Below Normal	Below Normal	Normal	Normal
Dry (75th Percentile)	Below Normal	Below Normal	Below Normal	Normal
Driest (of Record)	Below Normal	Below Normal	Below Normal	Below Normal



Quabbin Projections using historical data

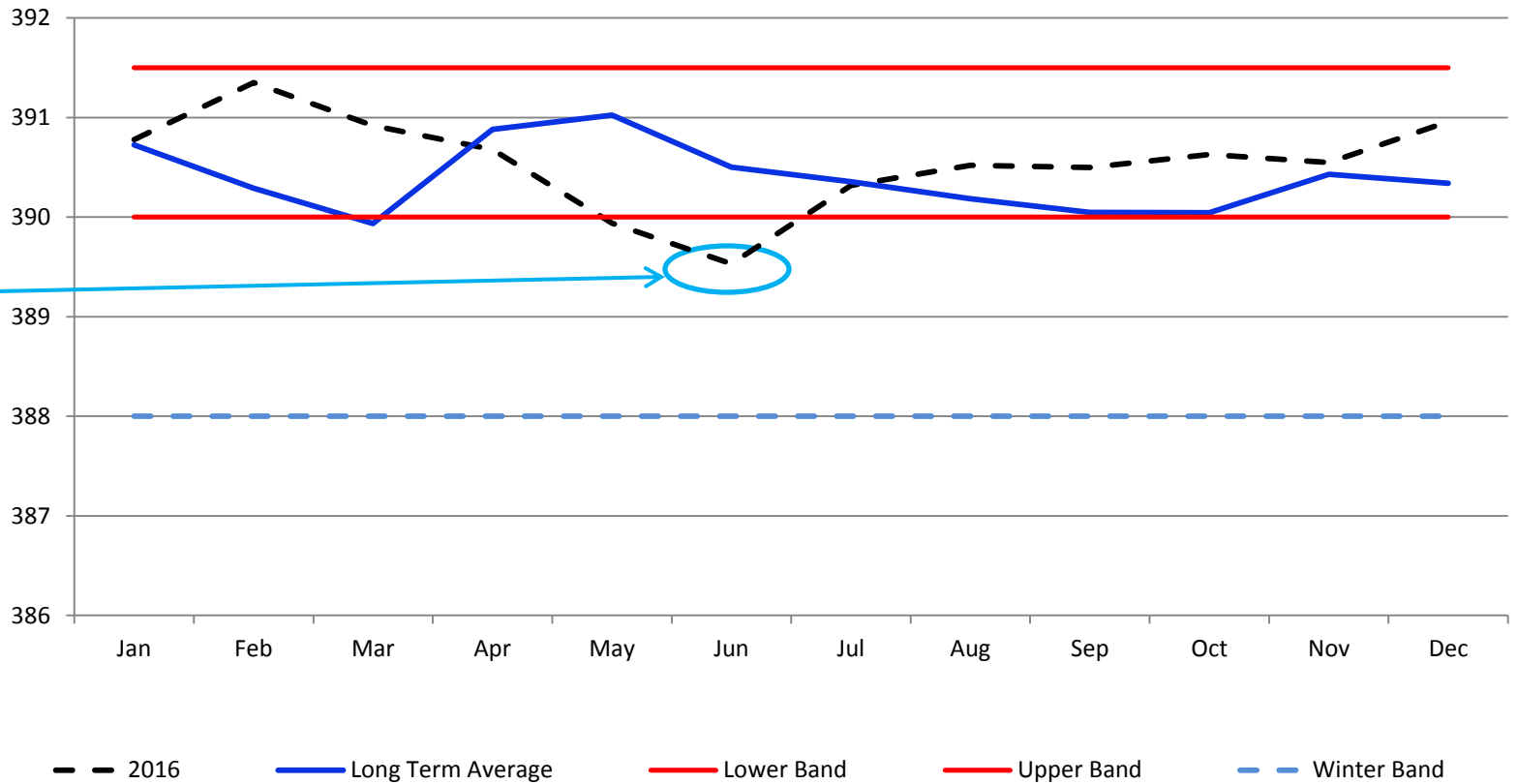
Using 2001/2002 (also a very dry year) we actually end up lower but still not **Drought Warning**.





Wachusett Reservoir Status – Normal operations

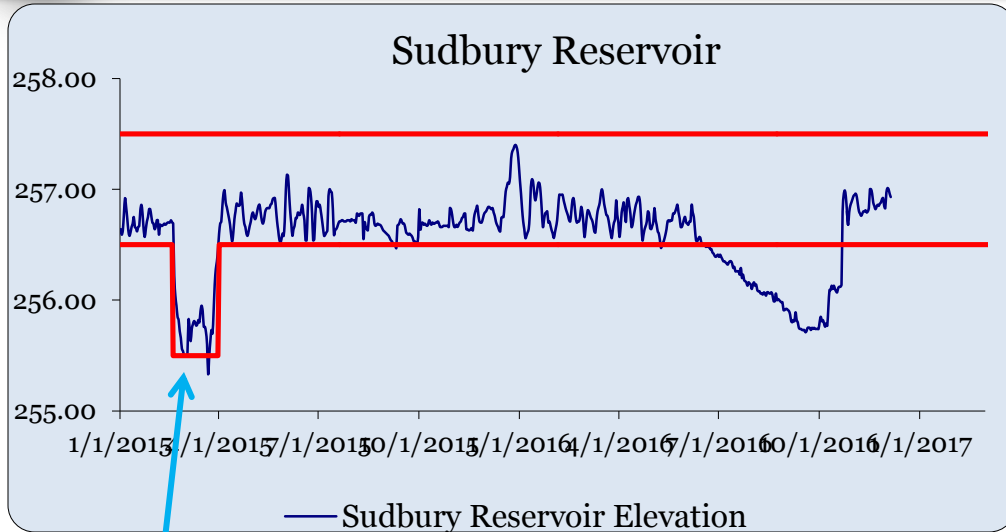
Wachusett Reservoir



Drawdown for construction project



Sudbury System Elevations – recovery in drought conditions



Winter drawdowns suspended for 2016/17 season due to drought conditions.

Winter drawdown for record snowpack

Winter drawdown for invasives plants control

