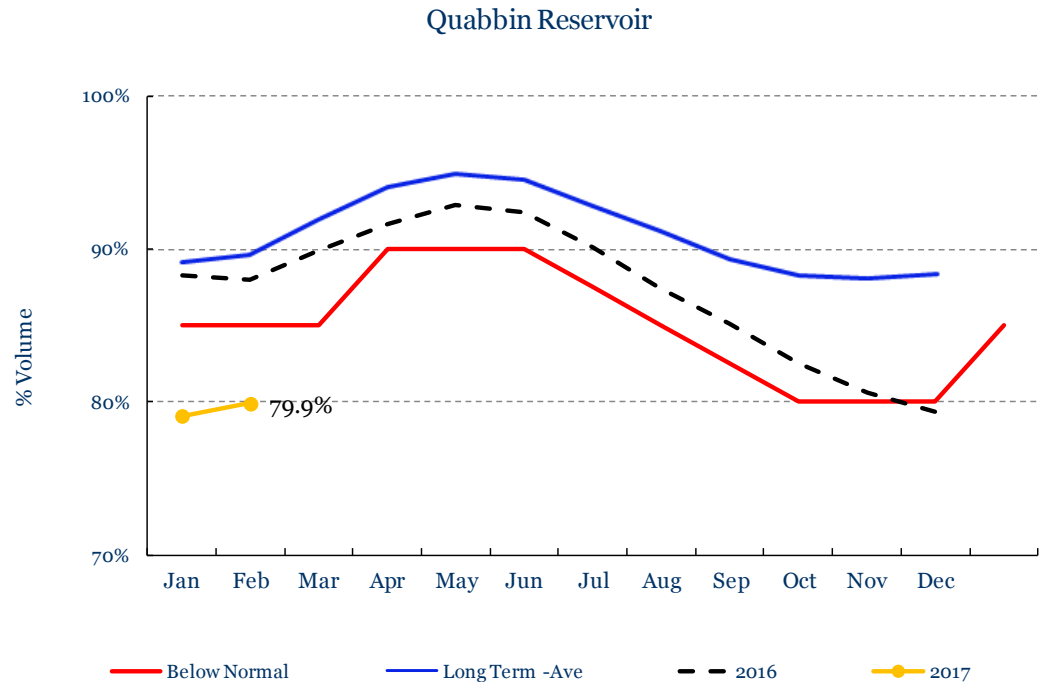




Quabbin Status as of February 6, 2017

- Current Elevation: 518.94 ft
- Current Volume: 328,962 MG (79.8%)
- At current capacity Quabbin can supply the system's current demand* for 4.9 years

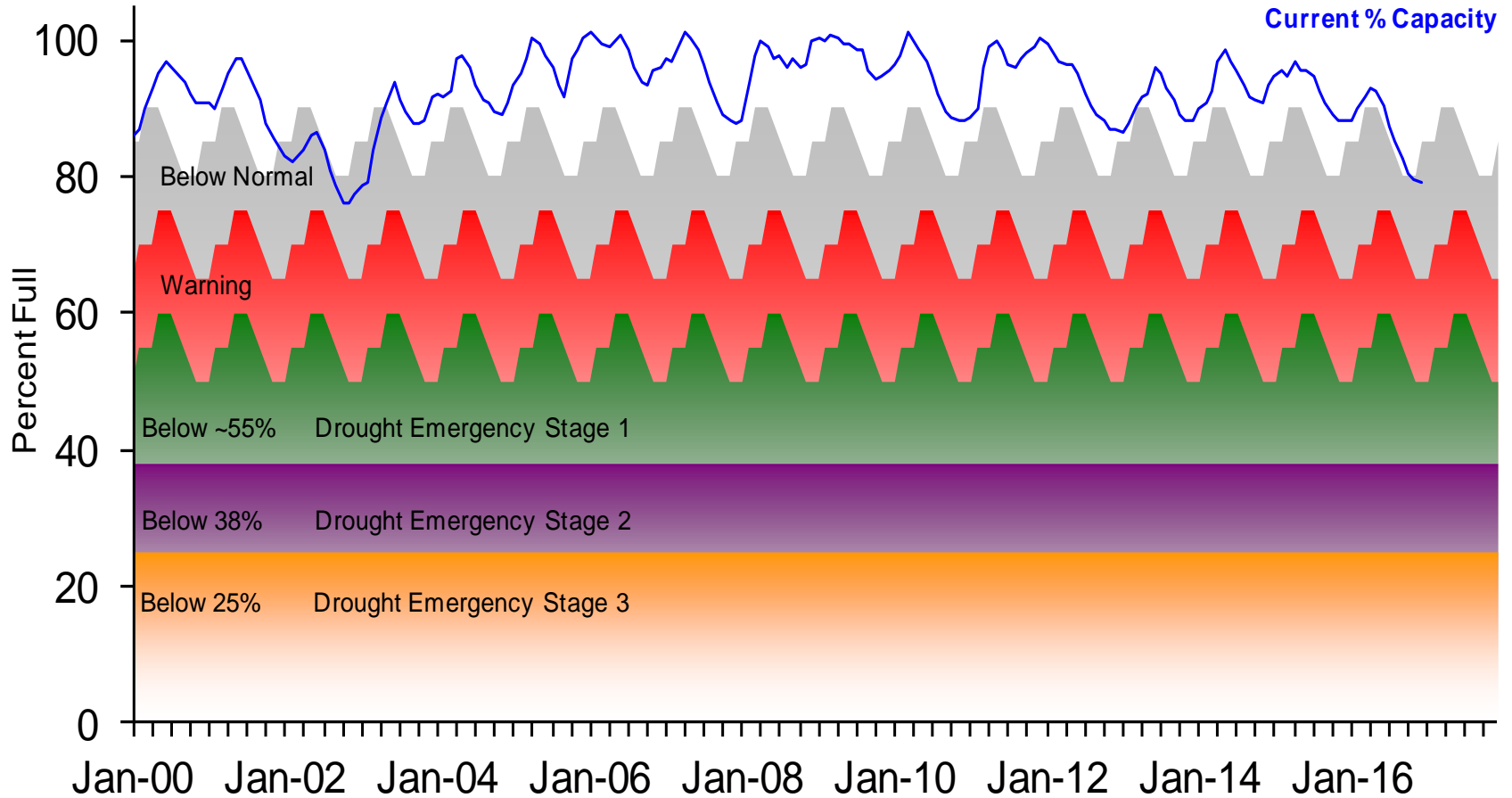


* Calculated using an average daily demand of 200 MGD



Quabbin Reservoir Levels relative to Drought Stages

Quabbin Reservoir Levels With Drought Emergency Planning Stages





Quabbin Reservoir Projections –February 2017

Quabbin Reservoir levels have been modeled for the next 12 months (February 2017 – January 2018) given varying yield conditions, and an annual demand of 220 mgd (includes a 10 mgd increase from current annual demand levels). It should be noted that January 2017 was the 27th driest January in the 68 year history of Quabbin yields. The monthly yield for January 2017 was 5,689 MG.

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

**Table 1: Quabbin Reservoir Status with Varying Reservoir Yield Scenarios
Looking Forward from February 1, 2017**

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

Evaluating a 24-month scenario using the driest conditions, Quabbin Reservoir would end in the Drought Warning Stage Level.



Quabbin Projections using historical data

Quabbin Reservoir 12-month Simulation

