• 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

- Current % Capacity
- Below Normal
- Warning
- Below ~55% Drought Emergency Stage 1
- Below 38% Drought Emergency Stage 2
- Below 25% Drought Emergency Stage 3
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>
<thead>
<tr>
<th></th>
<th>1-Month</th>
<th>3-Months</th>
<th>6-Months</th>
<th>12-Months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Median Yield</strong></td>
<td>Below Normal</td>
<td>Below Normal</td>
<td>Normal</td>
<td>Normal</td>
</tr>
<tr>
<td><strong>Dry</strong> (75th Percentile)</td>
<td>Below Normal</td>
<td>Below Normal</td>
<td>Normal</td>
<td>Below Normal</td>
</tr>
<tr>
<td><strong>Driest</strong> (of Record)</td>
<td>Below Normal</td>
<td>Below Normal</td>
<td>Below Normal</td>
<td>Drought Warning</td>
</tr>
</tbody>
</table>

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

% Full

- 12 month Minimum
- Stage 1
- Drought Warning
- Below Normal
- Drought Emergency Stage 1

Month:
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December
- January
- February