Northern Delaware Drought Advisory Guidelines

Reported by the Drought Advisory Guidelines Subcommittee (DAGS), which is composed of the Delaware Department of Natural Resources and Environmental Control, Delaware Geological Survey, and University of Delaware Water Resources Agency with input from the water purveyors and representatives from the landscaping industry. These drought operating guidelines are designed to provide guidance to the Delaware Water Supply Coordinating Council (WSCC) and the Governor’s Drought Advisory Committee (GDAC). Responsibility for providing technical guidance for a move up to or down from Drought Watch is with the WSCC. Responsibility for providing technical guidance for a move up to or down from Drought Warning or Emergency is with the GDAC. Final declaration of drought advisories rests with the Governor.

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Precipitation Wilmington Arprt/Porter Rsrv 12-month</td>
<td>-6.00&quot; to -8.99&quot;</td>
<td>-9.00&quot; to -11.99&quot;</td>
<td>&gt;-12.00&quot;</td>
<td>-0.32&quot;</td>
</tr>
<tr>
<td>Precipitation Wilmington Arprt/Porter Rsrv 6-month</td>
<td>-3.00&quot; to -4.50&quot;</td>
<td>-4.50&quot; to -6.00&quot;</td>
<td>&gt;-6.00&quot;</td>
<td>-4.24&quot;</td>
</tr>
<tr>
<td>Brandywine Creek (30-day moving avg)</td>
<td>85 mgd</td>
<td>70 mgd</td>
<td>48 mgd</td>
<td>338 mgd</td>
</tr>
<tr>
<td>White Clay Creek - Stanton (30-day moving avg)</td>
<td>42 mgd</td>
<td>37 mgd</td>
<td>31 mgd</td>
<td>160 mgd</td>
</tr>
<tr>
<td>White Clay Creek - Newark (30-day moving avg)</td>
<td>19 mgd</td>
<td>16 mgd</td>
<td>13 mgd</td>
<td>67 mgd</td>
</tr>
<tr>
<td>Well Db24-18</td>
<td>14 - 14.99 (fbls)</td>
<td>15 - 15.99 (fbls)</td>
<td>16 (fbls)</td>
<td>13.4 (fbls) (normal)</td>
</tr>
<tr>
<td>Water Conditions Index</td>
<td>4.0-5.0</td>
<td>3.0-3.99</td>
<td>&lt;3.00</td>
<td>7.29</td>
</tr>
<tr>
<td>Chlorides</td>
<td>WCC ≤ 37 mgd for 5 consecutive days at UWD Stanton Intake</td>
<td>Cl &gt; 250 ppm for 3 days at Christina River at Newport</td>
<td>Cl &gt; 250 ppm for 3 days at UWD Stanton Intake</td>
<td>+3.64</td>
</tr>
<tr>
<td>Hoopes Reservoir (City of Wilmington)</td>
<td>-10 ft (68% capacity)</td>
<td>-12 ft (64% capacity)</td>
<td>-15 ft (57% capacity)</td>
<td>-9.0 ft (1/30/20)</td>
</tr>
<tr>
<td>Newark Reservoir</td>
<td>- 10 ft (70% capacity)</td>
<td>-17 ft (52% capacity)</td>
<td>-27 ft (28% capacity)</td>
<td>-3.0 ft (1/30/20)</td>
</tr>
</tbody>
</table>

Monitored

Aquifer Storage and Recovery | Monitor Status | Monitor Status | Monitor Status | SUEZ: 22mg (1/30/20) AWC: 60 mg (1/30/20) |
Octoraro Reservoir (Chester Water Authority) | Monitor Status | Monitor Status | Monitor Status |  |
<table>
<thead>
<tr>
<th>Marsh Creek Reservoir</th>
<th>Monitor Status</th>
<th>Monitor Status</th>
<th>Monitor Status</th>
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<tbody>
<tr>
<td>Chlorides on the Delaware River 1/27/2020</td>
<td>Monitor Status</td>
<td>Monitor Status</td>
<td>Monitor Status</td>
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<tr>
<td>DRBC Lower Basin Drought Criteria</td>
<td>Monitor Status</td>
<td>Monitor Status</td>
<td>Monitor Status</td>
</tr>
<tr>
<td>NYC DRB Reservoirs (DRBC 1/27/2020)</td>
<td>Monitor Status</td>
<td>Monitor Status</td>
<td>Monitor Status</td>
</tr>
</tbody>
</table>

fbls = feet below land surface  
mg = million gallons  
mgd = million gallons per day  
RM = River Mile  
bg = billion gallons

Delaware Geological Survey:  
[http://www.dgs.udel.edu](http://www.dgs.udel.edu)

U.S. Geological Survey Streamflows:  

Delaware River Basin Commission:  
[http://www.state.nj.us/drbc](http://www.state.nj.us/drbc)