Water Supply Update

Special Called Board Meeting
March 29, 2012
### NTMWD Reservoir Elevations
March 28, 2012

<table>
<thead>
<tr>
<th>Reservoir &amp; % of Supply</th>
<th>Conservation Pool Elevation</th>
<th>Current Elevation</th>
<th>Down</th>
<th>USACE/SRA Storage Capacity</th>
<th>NTMWD’s Storage Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lavon 30%</td>
<td>492.0’</td>
<td>493.27’</td>
<td>+1.61’</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Chapman 15%</td>
<td>440.0’</td>
<td>438.39’</td>
<td>1.61’</td>
<td>89%</td>
<td>86%</td>
</tr>
<tr>
<td>Tawakoni 8%</td>
<td>437.5’</td>
<td>437.04’</td>
<td>0.46’</td>
<td>98%</td>
<td>61%</td>
</tr>
<tr>
<td>Texoma 28%</td>
<td>617.0’</td>
<td>619.24’</td>
<td>+2.24’</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Texoma is not available due to Zebra mussel infestation
U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for March 15 - June 30, 2012
Released March 15, 2012

KEY:
- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green Improvement areas imply at least a 1-category improvement in the Drought Monitor Intensity levels, but do not necessarily imply drought elimination.
Lake Modeling

- Last weeks modeling is obsolete!
- FNI ran new models based on changed conditions:
  - Improved lake conditions
  - Forecast climate conditions
  - Temporary loss of Texoma supply
  - Expedited construction of Main Stem PS
  - Short-term purchase of additional supply
  - Different water reduction goals
Stage 3 Recommendations
Effective April 1st
Landscape Watering Limited to Once Every 7 Days

Exceptions:
- Foundations, new landscaping, new plantings of shrubs & trees
- Golf courses may water greens & tee boxes
- Public athletic fields (used for competition) twice per week
- Locations using other sources for irrigation
- Registered & properly functioning ET/Smart irrigation and drip systems
Mandatory Water Use Restrictions

• Prohibit hosing of paved areas, buildings or windows (pressure washing of impervious surfaces is allowed)

• Prohibit washing or rinsing of vehicles by hose (except with a hose-end cutoff nozzle)

• Prohibit using water in such a manner as to allow runoff or other waste
Stage 3 Provisions Not Recommended At This Time
Stage 3 Provisions **Not Recommended at This Time**

- Prohibit operation of ornamental fountains if treated water is used
- Prohibit Hydroseeding, hydromulching & sprigging
- Existing swimming pools from be drained & refilled (except to replace normal water loss)
- Instituting a mandated reduction in deliveries to all Member Cities & Customers
- Requiring Member Cities & Customers to initiate a rate surcharge
- Requiring Member Cities & Customers to prohibit watering of golf courses using treated water
Questions