

CITY OF TUCSON WATER DEPARTMENT  
DROUGHT PREPAREDNESS AND RESPONSE PLAN

**TABLE 3.1**

**STAGE 1**

**Trigger:** Either one or both of the following: a severe and sustained drought on the Colorado River Watershed or any declaration of drought status above normal by the ADMTC will trigger a Stage 1 drought response.

**Theme:** Continuation of baseline conservation program (all stages--Appendix B). Public notification and education on drought issues for customers and a requirement that City Departments initiate plans to review (audit) all large scale uses of water to maintain and/or increase efficiency. Self-administered water audits at all non-residential facilities are voluntary during this stage, with incentives offered during later stages for conducting and implementing conservation measures.

<b>City of Tucson</b>	<ul style="list-style-type: none"> <li>• Require City departments to monitor their own water use through self-audits and identify conservation potential outside of existing water-efficient practices.</li> <li>• Tucson Water continues or accelerates ongoing operations such as well drilling and well maintenance and other system maintenance programs to reduce system losses (meter replacement, leak detection).</li> </ul>
<b>Residential Customers</b>	<ul style="list-style-type: none"> <li>• Continue baseline conservation program (Appendix B).</li> <li>• Public notification through local media and/or water bill inserts.</li> <li>• Implement an education program designed to specifically address the drought situation and need for voluntary water reductions.</li> </ul>
<b>Multi-Family Customers</b>	<ul style="list-style-type: none"> <li>• Implement Stage 1 measures for residential customers and may include:</li> <li>• Conduct voluntary self-audits and develop water budgets for possible exemptions from mandatory restrictions in Stage 2.</li> </ul>
<b>Commercial Customers</b>	<ul style="list-style-type: none"> <li>• Implement Stage 1 measures for multi-family customers and may include:</li> <li>• Encourage customers to implement business-specific voluntary measures (Examples: encourage restaurants to serve water only upon request or ask plant nurseries to promote the sale of low-water-use vegetation).</li> </ul>

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<b>Industrial Customers</b>	<ul style="list-style-type: none"><li>• Implement Stage 1 measures for commercial customers.</li></ul>
<b>Reclaimed Water Users</b>	<ul style="list-style-type: none"><li>• Continue customer education on efficient-water-use especially related to drought conditions.</li><li>• Voluntary self-audits and developing water budgets to potentially gain exemptions from mandatory reductions in advanced drought response stages.</li><li>• Tucson Water staff prepares a methodology to monitor wastewater treatment plant flows and calculate reclaimed water customer reductions for later drought stages if approved water budgets are not implemented.</li></ul>