

## Tarrant Regional Water District Model Drought Plan Actions and Measures

All actions apply to TRWD direct and indirect customers. An indirect customer refers to any successive wholesale customer of the Water District's primary customers (the cities of Arlington, Fort Worth, Mansfield, and the Trinity River Authority). Restrictions do not apply to locations using treated wastewater effluent or well water for irrigation.

<b>Use Reduction Goal:</b>	<b>5%</b>	<b>10%</b>	<b>20%</b>
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Water User	Water Use or Action Category	Stage 1 – Water Watch	Stage 2 – Water Warning	Stage 3 – Water Emergency
<b>All Water Users</b>	Hosing/Washing	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: hosing of paved areas, such as sidewalks, driveways, parking lots, tennis courts, patios, or other impervious surfaces, except to alleviate an immediate health or safety hazard.</li> <li>▪ <u>Prohibited</u>: hosing of buildings or other structures for purposes other than fire protection or surface preparation prior to painting.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>
	Runoff/Waste/Leaks	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: using water in such a manner as to allow runoff or other waste, including:                             <ul style="list-style-type: none"> <li>(1) failure to repair a controllable leak, including a broken sprinkler head, a leaking valve, leaking or broken pipes, or a leaking faucet;</li> <li>(2) operating a permanently installed irrigation system with:                                     <ul style="list-style-type: none"> <li>(a) a broken head; (b) a head that is out of adjustment and the</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>

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		<p>arc of the spray head is over a street or parking lot; or (c) a head that is misting because of high water pressure; or (3) during irrigation, allowing water to (a) to run off a property and form a stream of water in a street for a distance of 50 feet or greater; or (b) to pond in a street or parking lot to a depth greater than one-quarter of an inch.</p>		
<b>All Water Users (continued)</b>	Outdoor Watering	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: outdoor watering with sprinklers or irrigation systems between 10 a.m. and 6 p.m.</li> <li>▪ <u>Limited to twice per week</u>: landscape watering with sprinklers or irrigation systems at each service address is limited to a twice per week schedule as determined by the director of utilities.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: outdoor watering with sprinklers or irrigation systems between 10 a.m. and 6 p.m.</li> <li>▪ <u>Restricted to once every seven days</u>: outdoor watering with sprinklers or irrigation systems at each service address shall be restricted to a once per week schedule as determined by the director of utilities.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: all outdoor watering.</li> </ul>

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	<p>Exceptions to Outdoor Watering Restrictions</p>	<ul style="list-style-type: none"> <li>▪ <u>Foundations</u>: foundations may be watered up to two hours on any day by handheld hose; or using a soaker hose or drip system placed within 24 inches of the foundation that does not produce a spray of water above the ground.</li> <li>▪ <u>Selected Landscaping Plants</u>: newly installed shrubs (first year) and trees may be watered up to two hours on any day by handheld hose, drip irrigation, or a soaker hose. Tree watering is limited to an area not to exceed the drip line of a tree.</li> <li>▪ <u>New Turf</u>: Establishing new turf is discouraged. If new hydromulch, grass sod, or grass seed is installed, there are no watering restrictions for the first 30 days while it is being established. After that, the watering restrictions set forth in this stage apply.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Foundations, selected landscaping plants, large multi-station irrigation, and turf establishment rules</u>: same as Stage 1.</li> <li>▪ <u>Well water / treated wastewater effluent</u>: Once per week watering restrictions do not apply to locations using well water or treated wastewater effluent for irrigation</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Foundations</u>: foundations may be watered up to two hours on any day by handheld hose; or using a soaker hose or drip system placed within 24 inches of the foundation that does not produce a spray of water above the ground.</li> <li>▪ <u>Selected Landscaping Plants</u>: trees may be watered up to two hours on any day by handheld hose, drip irrigation, or a soaker hose. Tree watering is limited to an area not to exceed the drip line of a tree.</li> </ul>

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<b>All Water Users (continued)</b>	Exceptions to Outdoor Watering Restrictions (continued)	<ul style="list-style-type: none"> <li>▪ <u>Large Multi-station Irrigation</u>: outdoor watering may take place in accordance with a variance granted by the director, if the director determines that a property cannot be completely watered with an average of three-quarters of an inch of water in a single day, and that the property should be divided into sections to be watered on different days.</li> <li>▪ <u>Well water / treated wastewater effluent</u>: Twice per week watering restrictions do not apply to locations using well water or treated wastewater effluent for irrigation.</li> </ul>		
	Landscaping	<ul style="list-style-type: none"> <li>▪ All users are encouraged to use native and drought tolerant plants in landscaping.</li> </ul>	<ul style="list-style-type: none"> <li>▪ All users are encouraged to wait until the current drought or emergency situation has passed before installing and establishing new landscape plants.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: installing and establishing new landscape plants.</li> </ul>
	Vehicle Washing	<ul style="list-style-type: none"> <li>▪ Washing of any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle shall be limited to the use of a hand-held bucket or a hand-held hose equipped with a positive</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Vehicle washing restricted to commercial car wash or commercial service station and can only be done as necessary for health, sanitation, or safety reasons, including but not</li> </ul>

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		<p>shutoff nozzle for quick rinses.</p> <ul style="list-style-type: none"> <li>▪ Vehicle washing may be done at any time on the premises of a commercial car wash or commercial service station.</li> <li>▪ Washing may be exempt from these requirements if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.</li> </ul>		<p>limited to the washing of garbage trucks and vehicles used to transport food and other perishables. All other vehicle washing is prohibited.</p>
<b>All Water Users (continued)</b>	Swimming Pools	<ul style="list-style-type: none"> <li>▪ All users are encouraged to reduce the frequency of draining and refilling swimming pools.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: Swimming pools may not be filled with automatic fill valves.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: the draining, filling, or refilling of swimming pools, wading pools and Jacuzzi type pools. Existing private and public pools may add water to maintain pool levels. Swimming pools may not be refilled with automatic fill valves.</li> </ul>
	Dust Control	<ul style="list-style-type: none"> <li>▪ No restriction.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: use of water for dust control, except as required to protect public health.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 2.</li> </ul>
	Ornamental Fountains/Ponds	<ul style="list-style-type: none"> <li>▪ No restriction.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: the operation of ornamental fountains or ponds that use potable water, except where necessary to support aquatic life, or where such fountains or ponds are equipped</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: the operation of ornamental fountains or ponds that use potable water except where necessary to support aquatic life.</li> </ul>

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			with a recirculation system.	
<b>City and Local Governments</b>	<b>All actions listed for All Users apply to City and Local Governments.</b>			
	Administrative	<ul style="list-style-type: none"> <li>▪ Review conditions and problems that caused Stage 1 and take corrective action.</li> <li>▪ Notify wholesale customers of actions being taken and request them to implement similar procedures.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Review conditions and problems that caused Stage 2 and take corrective action.</li> <li>▪ Notify wholesale customers of actions being taken and request them to implement similar procedures.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Review conditions and problems that caused Stage 3 and take corrective action.</li> <li>▪ Implement viable alternative water supply strategies.</li> <li>▪ Reduce city and local government water use to maximum extent possible.</li> <li>▪ Notify wholesale customers of actions being taken and request them to implement similar procedures.</li> <li>▪ Institute a mandated reduction in deliveries to all wholesale customers. Such a reduction will be distributed as required by Texas Water Code §11.039.</li> <li>▪ If TRWD has imposed a reduction in water available to customers, impose the same percent reduction on wholesale customers.</li> </ul>

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<b>City and Local Governments (continued)</b>	Public Education	<ul style="list-style-type: none"> <li>▪ Increase public education efforts on ways to reduce water use.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Increase frequency of media releases on water supply conditions.</li> <li>▪ Further accelerate public education efforts on ways to reduce water use.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Increase frequency of media releases explaining emergency situation.</li> <li>▪ Further accelerate public education efforts on ways to reduce water use.</li> </ul>
	Enforcement	<ul style="list-style-type: none"> <li>▪ Increase enforcement efforts.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>
	Runoff/Waste/Leaks	<ul style="list-style-type: none"> <li>▪ Intensify leak detection and repair efforts.</li> <li>▪ Audit all City and local government irrigation systems to ensure proper condition, settings, and operation.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>
	High Volume Users	<ul style="list-style-type: none"> <li>▪ Identify and encourage voluntary reduction measures by high-volume water users through water use audits.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>
	Wet Street Sweeping	<ul style="list-style-type: none"> <li>▪ No restrictions.</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Prohibited</u>: wet street sweeping.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 2.</li> </ul>

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<b>City and Local Governments (continued)</b>	Municipal Parks/Golf Courses/Sports Field Watering and Exceptions	<ul style="list-style-type: none"> <li>▪ Landscape watering restricted to twice per week before 10 a.m. or after 6 p.m.; or twice per week per irrigation station if a variance is granted by utility director. (See exceptions to outdoor watering restrictions in all water users category for rules that apply to facilities with large multi-station irrigation systems.)</li> <li>▪ Golf courses may water greens and tee boxes without restrictions; however, watering must be done before 10 a.m. and after 6 p.m.</li> <li>▪ Skinned areas of sports fields may be watered as needed for dust control.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Landscape watering restricted to once every seven days before 10 a.m. or after 6 p.m.; or once every seven days per irrigation station if a variance is granted by utility director. (See Stage 1 exceptions to outdoor watering restrictions in all water users category for rules that apply to facilities with large multi-station irrigation systems.)</li> <li>▪ Golf course greens and tee boxes may be watered only as needed to keep them alive; however, watering must be done before 10 a.m. and after 6 p.m.</li> <li>▪ Watering for dust control not allowed on skinned areas of sports fields.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Landscape watering prohibited; however golf course greens may be watered by hand before 10 a.m. and after 6 p.m.as needed to keep them alive.</li> <li>▪ Watering for dust control not allowed on skinned areas of sports fields.</li> </ul>
	Swimming Pools			<ul style="list-style-type: none"> <li>▪ Prohibit the permitting of new swimming pools, Jacuzzi type pools, spas, ornamental ponds and fountain construction. Pools already permitted and under construction may be completely filled with water.</li> </ul>
	Non-essential water use (those uses that do not have any health or safety	<ul style="list-style-type: none"> <li>▪ Reduce non-essential water use.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Eliminate non-essential water use.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 2.</li> </ul>

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	impact, and are not needed to meet the core function of the agency).			
<b>All actions listed for All Users apply to Commercial and Industrial users.</b>				
<b>Commercial and Industrial</b>	Parks/Golf Courses/Sports Field Watering and Exceptions	<ul style="list-style-type: none"> <li>▪ Landscape watering restricted to twice per week; or twice per week per irrigation station if a variance is granted by utility director. (See exceptions to outdoor watering restrictions in all water users category for rules that apply to facilities with large multi-station irrigation systems.)</li> <li>▪ Golf courses may water greens and tee boxes without restrictions; however, watering must be done before 10 a.m. and after 6 p.m.</li> <li>▪ Skinned areas of sports fields may be watered as needed for dust control.</li> <li>▪ Professional sports fields (playing fields with a stadium only – not surrounding landscaping) may be watered as needed to maintain league standards.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Landscape watering restricted to once every seven days; or once every seven days per irrigation station if a variance is granted by utility director. (See Stage 1 exceptions to outdoor watering restrictions in all water users category for rules that apply to facilities with large multi-station irrigation systems.)</li> <li>▪ Golf course greens and tee boxes may be watered only as needed to keep them alive; however, watering must be done before 10 a.m. and after 6 p.m.</li> <li>▪ Dust control not allowed on skinned areas of sports fields.</li> <li>▪ Professional sports fields (playing fields with a stadium only – not surrounding landscaping) may be watered as needed to maintain league standards.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Landscape watering prohibited; however golf course greens may be watered by hand before 10 a.m. and after 6 p.m. as needed to keep them alive.</li> <li>▪ Dust control not allowed on skinned areas of sports fields.</li> <li>▪ Professional sports fields (playing fields with a stadium only – not surrounding landscaping) may be watered as needed to maintain league standards.</li> </ul>

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	Commercial Plant Nursery Stock	<ul style="list-style-type: none"> <li>▪ Stock at a commercial plant nursery is exempt from Stage 1 watering restrictions.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Stock at a commercial plant nursery may be watered only with a hand-held hose, hand-held watering can, or drip irrigation system.</li> </ul>
	Hotels, Restaurants, and Bars	<ul style="list-style-type: none"> <li>▪ Hotels, restaurants, and bars are encouraged to serve drinking water to patrons on an “on demand” basis.</li> <li>▪ Hotels are encouraged to implement laundry conservation measures by encouraging patrons to reuse linens and towels.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as Stage 1.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Hotels and restaurants are required to serve drinking water to patrons on an “on demand” basis.</li> <li>▪ Hotels are required to implement laundry conservation measures by encouraging patrons to reuse linens and towels.</li> </ul>
	Commercial and Industrial Users			<ul style="list-style-type: none"> <li>▪ Commercial and industrial users may be required to reduce water use by a set percentage.</li> </ul>