



Los Angeles Department of Water and Power

Water Conservation and Shortage Year Rates



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Purpose for Water Conservation

On June 4, 2008, the Governor declared a drought in California and strongly encouraged local water agencies to take aggressive, immediate action to reduce water consumption locally and regionally and to prepare for potential worsening water conditions in 2009.



Emergency Conservation Plan

- August 14, 2008 Mayor signs amended Water Conservation Ordinance
- Expands prohibited uses by adding new permanent water waste prohibitions and curtailment of outdoor usage in new conservation phases.
- Increases penalties for prohibited uses.
- Revises dispute structure.
- Removes water rationing requirements and includes Shortage Year Rates.

Water Conservation Enforcement Team

- Change “Drought Busters” to Water Conservation Team
- Expand field staffing from 6 full time employees to 15 full time employees.
- Follow-up on all reports of water waste.
- Issue citations for violations of prohibited water uses.
- Educate and raise awareness about the need for water conservation.

Phase I Prohibited Water Use



In the City of Los Angeles, customers cannot:

- Use a water hose to wash any hard or paved surfaces such as sidewalks, walkways, driveways, or parking areas (with the exception of DWP-approved water conserving spray cleaning devices).
- Irrigate during periods of rain.
- Wash your car with a hose unless you have a nozzle or other “shut-off device.

Prohibited Water Use (continued)

In the City of Los Angeles, customers cannot:

- Water lawns, landscape, dirt, or other vegetated areas between 9:00 a.m. and 4:00 p.m.
- Water or irrigate any lawn, landscape, or other vegetated area in a manner that causes or allows excess or continuous water flow or runoff onto an adjoining sidewalk, driveway, street, gutter, or ditch.

Prohibited Water Use (continued)

In the City of Los Angeles, customers cannot:

- Allow excess water from sprinklers to flood gutters.
- Use water to clean, fill, or maintain decorative fountains unless the water is part of a recirculation system.
- Serve water to customers in eating establishments, unless requested.

Prohibited Water Use (continued)

In the City of Los Angeles, customers cannot:

- Allow water to leak from any pipe or fixture on the customer's premises.
- Large landscape areas, such as parks and open fields, shall have irrigation systems, with rain sensors that shut off the irrigation system.

Prohibited Water Use (continued)

- All irrigating of landscaping with potable water using stream rotator-type or gear driven sprinklers shall be limited to no more than 15 minutes per watering day per station, or shall be limited to no more than 10 minutes per water day per station for all other types of sprinklers.

Phase II

- All prohibited uses in Phase I shall continue to remain in place.
- Non-Watering Days. No landscape irrigation shall be permitted on any day other than Monday, Thursday, and Saturday.
- Does not apply to hand-held hose watering of vegetation, if hose is equipped with self-closing water shut-off device, except between the hours of 9:00 a.m. and 4:00 p.m.

Phase III

- All prohibited uses in Phase I and Phase II shall continue to remain in place.
- Non-Watering Days. No landscape irrigation shall be permitted on any other day than Monday and Thursday.

Phase IV

- All prohibited uses in Phase I, Phase II, and Phase III shall continue to remain in place.
- Non-Watering Days. No landscape irrigation shall be permitted on any day other than Monday.
- No washing of vehicles allowed.
- No filling of residential swimming pools and spas with potable water.

Phases V and VI

- Phase V – No landscape irrigation allowed.
- Phase VI – Authorizes the Board of Water and Power to implement additional prohibited uses of water based on the water supply situation.
- Exception – Not applicable to the uses of water necessary for public health and safety or for essential government services such as police, fire and other similar emergency services.

Penalties

- Water meters less than 2 inches
 - 1st violation Warning
 - 2nd violation \$100.00
 - 3rd violation \$200.00
 - 4th violation \$300.00
- Water meters 2 inches or larger
 - 1st violation Warning
 - 2nd violation \$200.00
 - 3rd violation \$400.00
 - 4th violation \$600.00

Prohibited water use citations

- September 23, 2008 through March 29, 2009
 - Total activities (reports or observances) 4926
 - 1st level violation Warning 2471
 - 2nd level violation \$100.00 or \$200.00 44
 - 3rd level violation \$200.00 or \$400.00 3
 - 4th level violations \$300.00 or \$600.00 0

Shortage Year Rates

- Residential Single Family Home
- First Tier Allotment
 - Lot Size
 - Temperature Zone
 - Number in House Hold
- Low Season – November 1 through May 31
- High Season - June 1 through October 31

Shortage Year Rates (continued)

- Lot Size (5 categories)
 - Under 7,500 sq. ft.
 - 7,500 – 10,999 sq. ft
 - 11,000 -17,499 sq. ft
 - 17,500 – 43,559 sq. ft
 - 43,560 sq. ft and above
- Temperature Zone Zip Code 91326 High
- Household Size – 6 persons or less

Large Households Additional HCF

- 7 persons – add 4 HCF bimonthly
- 8 persons – add 8 HCF bimonthly
- 9 persons – add 12 HCF bimonthly
- 10 persons – add 14 HCF bimonthly
- 11 persons – add 16 HCF bimonthly
- 12 persons – add 18 HCF bimonthly
- 13 persons or more add 20 HCF bimonthly

Zip code 91326 First Tier Water Allotment

- Under 7,500 sq. ft.
 - Low season 28 HCF – High season 38 HCF
- 7,500 – 10,999 sq. ft.
 - Low season 34 HCF – High season 54 HCF
- 11,000 – 17,4999 sq. ft.
 - Low season 50 HCF – High season 84 HCF
- 17,5000 – 43,559 sq. ft.
 - Low season 58 HCF – High season 106 HCF
- 43,560 sq. ft. and above
 - Low season 76 HCF – High season 130 HCF

Implementation of Shortage Year Rates

- Effective June 1, 2009
- First tier allotment will be reduced by the proclaimed water conservation effort.
 - Proposed conservation effort is 15%
- Second Tier Charges will be increased.
 - 15% Conservation Effort - 2nd tier charge will be 1.442 times the high season 2nd tier rate.

Second Tier Charges

- 10% Conservation Effort
 - 1.201 times the High Season rate
- 15% Conservation Effort
 - 1.442 times the High Season rate
- 20% Conservation Effort
 - 1.682 times the High Season rate
- 25% Conservation Effort
 - 1.964 times the High Season rate

Example

	Before Shortage Year Rates	After 15% Shortage Year Rates		
		Without 15% Conservation	With 15% Conservation	
Customer Use	50 HCF	50 HCF	42 HCF	
Applicable Rate	50 HCF @ Tier 1 \$2.983 per HCF	42 HCF @ Tier 1 \$2.983	8 HCF @ Tier 2 \$5.19	42 HCF @ Tier 1 \$2.983 per HCF
Total Water Bill	\$149.15	\$166.81		\$125.29

Tier 1 & 2 Rate Factors

- April 1 through June 30
 - Tier 1 = \$2.983 per HCF
- April 1 through May 31
 - Tier 2 = \$3.007 per HCF
- June 1 through June 30 High Season
 - 15% Conservation Effort
 - Tier 2 = $\$3.597 \times 1.442 = \5.186
- July 1 – New Water Quarterly Rate Factors

Residential Multi-Family, Commercial, Industrial, and Governmental.

- First tier allotment (Currently)
 - 125% of average consumption for the preceding December through March
- Shortage Year Rates – Adjusted First Tier
 - Maximum December through March average consumption for three winter periods preceding the declared water shortage event reduced by the degree of the water conservation effort.

Residential Multi-Family, Commercial, Industrial, and Governmental.

- 10% Conservation Effort
 - 1st tier – Up to 115% of Adjusted First Tier
- 15% Conservation Effort
 - 1st tier – Up to 115% of Adjusted First Tier
- 20% Conservation Effort
 - 1st tier – Up to 110% of Adjusted First Tier
- 25% Conservation Effort
 - 1st tier – Up to 110% of Adjusted First Tier

Water Conservation Tips



- Check, report, and/or repair leaky faucets, plumbing joints, and sprinkler systems. Can save 20 gallons a day for every leak that is repaired.
- Replace showerheads with new high efficiency showerheads; install water saving faucet aerators in the bathrooms and kitchen. Can get a “free” showerhead from DWP by calling (800) 827-5397 or (800) 342-5397.

Water Conservation Tips (cont.)

- Eliminate hosing-down sidewalks, walkways, and driveways. Use a broom to sweep. Can save 500 gallons or more each time.
- Run only full loads in the washing machine and dishwashers. Can save 300 to 800 gallons a month.

Water Conservation Tips (cont.)

- Minimize excessive watering of your lawn approximately 2 or 3 times a week for 15-minutes or less each time. Water early in the morning to avoid excessive evaporation. Night watering may promote lawn disease.
- Replace old toilets with high-efficiency toilets (HET). HET are equal to 1.28 gallons per flush.

Water Conservation Tips (cont.)

- Turn off water when you brush your teeth. Fill a cup with water to rinse your mouth. Can save 3 gallons of water per day.
- Turn off the water while you shave. Fill the sink with a little water to rinse your razor. Can save 3 gallons of water per day.
- Don't use the toilet as a wastebasket. Can save up to 200 gallons a month.

Water Conservation Tips (cont.)

- Take shorter showers. Turn off the water while you lather. Every minute of your shower uses 2.5 gallons of water. Reducing showers by one or two minutes can save up to 375 gallons per month.
- When showering, place a pail in the shower to collect water to use on houseplants.
- Use your clothes washer for full loads only. Every load uses 60 gallons.

Water Conservation Tips (cont.)

- If you wash dishes by hand, don't leave the water running to rinse the dishes.
- Don't let the faucet run while you clean vegetables. Instead rinse them in a sink full of clean water.
- www.bewaterwise.com to calculate a lawn watering schedule



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Questions

