

# El Paso Water Utilities

## Drought and Water Emergency Management Response Plan

# Drought or Water Emergency Stages

<b>Stage</b>	<b>District Allotment AF/Acre</b>	<b>Ratio of Water Demand to Avail. Capacity</b>
<b>1</b>	<b>Less Than Or Equal to <u>3.0</u></b>	<b>&gt; 90% But &lt; 95%</b>
<b>2</b>	<b>Less Than Or Equal to <u>2.5</u></b>	<b>&gt; 95% But &lt; 100%</b>
<b>3</b>	<b>Less Than Or Equal to <u>2.0</u></b>	<b>&gt; 100%</b>

# Water Emergency

- Possible Causes:
  - Electric Power Failure
  - Water Main Breakage
  - Contamination of the Rio Grande
  - Abnormal High Water Demand

# Stage 1 Conservation Measures

1. Voluntary Reduction Goal of 50% in Indoor & Outdoor Water Use
2. Carwash Fundraisers Prohibited
3. Swimming Pool Filling Prohibited & Pools Covered When Not In Use
4. Restaurant Water Served by Request Only
5. Aesthetic Uses Prohibited (Water Fountains, etc.)

# Stage 1 Conservation Measures (Cont'd)

6. Cleaning of Impervious Surfaces  
Prohibited (washing of driveways, etc.)
7. Increased Public Education by New  
Releases and TV Spots
8. Voluntary Compliance from All Other  
Area Water Providers
9. Additional Personnel Authorized for  
Enforcement of Restrictions

## Stage 2 Conservation Measures

- ALL STAGE 1 MEASURES PLUS:
  1. No landscape watering except Saturdays & Sundays (even/odd addresses)
  2. City/County/School Parks Restricted to One Day Per Week by Special EPWU Permit
  3. Golf Courses Using EPWU Potable Water – Irrigation Prohibited on Roughs, Fairways, and Tees
  4. No New Landscaping Allowed Except For Drip Irrigated Xeriscaping)

# Stage 2 Conservation Measures

## (Cont'd)

5. Evap. Cooler Bleed-off Lines Disconnected
6. All Water Conservation Ordinance Variances Automatically Suspended
7. Fleet Car and Truck Washing Discontinued Except By Special Order
8. All Street Sweeping Using Potable Water Discontinued
9. Routine Fire Hydrant Flushing/Testing Curtailed

## Stage 2 Conservation Measures (Cont'd)

10. New Drought Surcharges Added to Water Rates
11. Upon Second Violation, G.M. May Order Installation of Restrictive Device or Downsizing of Meter
12. Industries Requested to Voluntarily Decrease Water Consumption by 25%

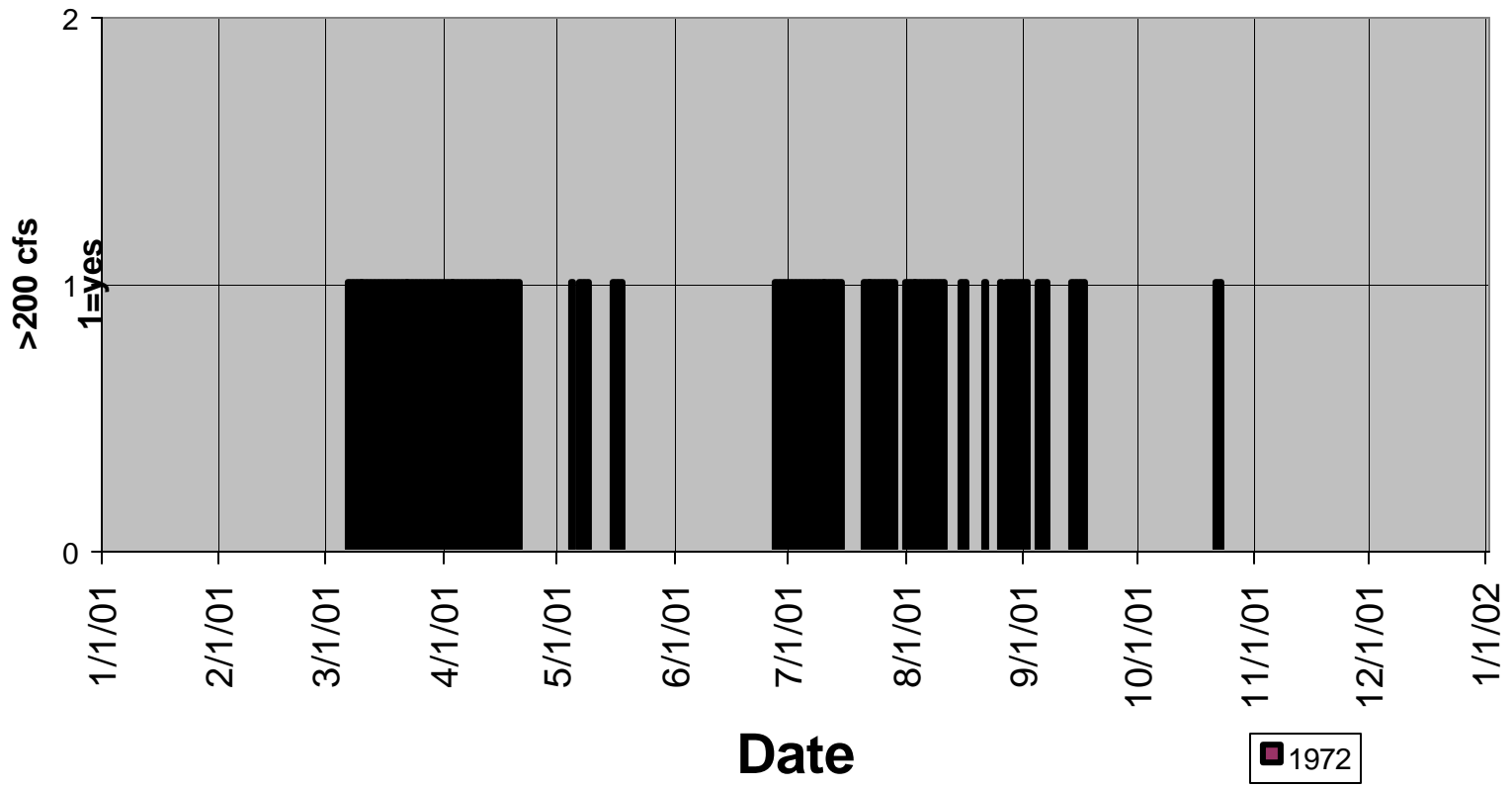
# Stage 3 Conservation Measures

- ALL STAGE 1 & 2 MEASURES PLUS:
  1. All Landscape Irrigation Prohibited  
Except with Bucket or Permanent Drip  
Irrigation. No Turf Irrigation Except with  
Reclaimed Water
  2. Irrigation on All Golf Courses Using  
EPWU Potable Water Prohibited
  3. All Motor Vehicle Washing Prohibited  
Except in EPWU Certified Facilities

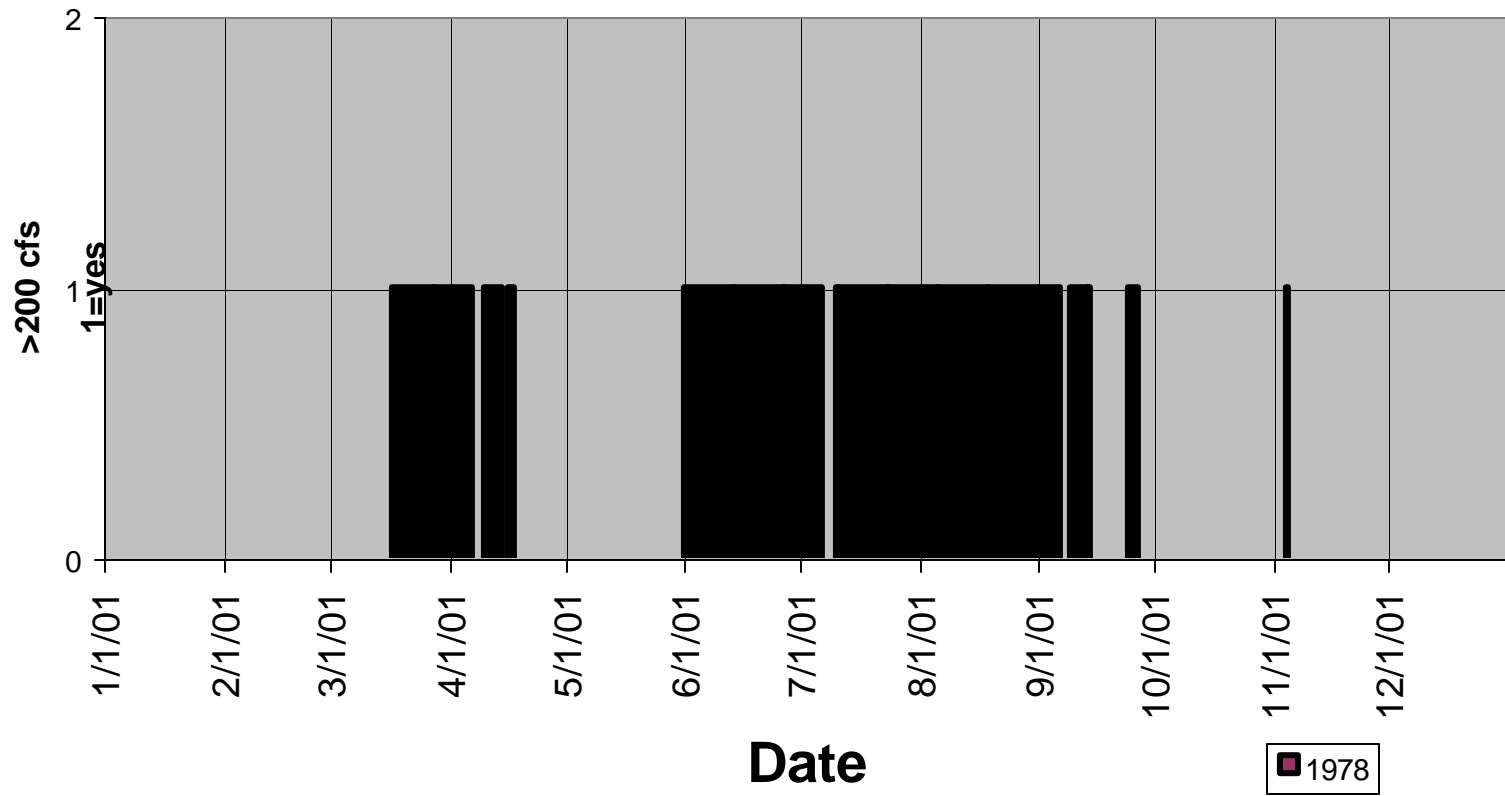
# Stage 3 Conservation Measures (Cont'd)

4. All Water Use for Construction, Dust Control and/or Compaction Prohibited Except Using Brackish or Reclaimed Water
5. No New Connections to Water System Approved

# 1972 Rio Grande Flows @ Corchense Bridge - 0.80 AF/acre



# 1978 Rio Grande Flows @ Corchense Bridge - 0.75 AF/acre



# 2001 Rio Grande Flows @ Corchense Bridge - 4.00 AF/acre

