

# Drought Task Force Meeting

## June 9, 2022

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MassDEP-Water Management Program Update

Duane LeVangie

# WMA Permits

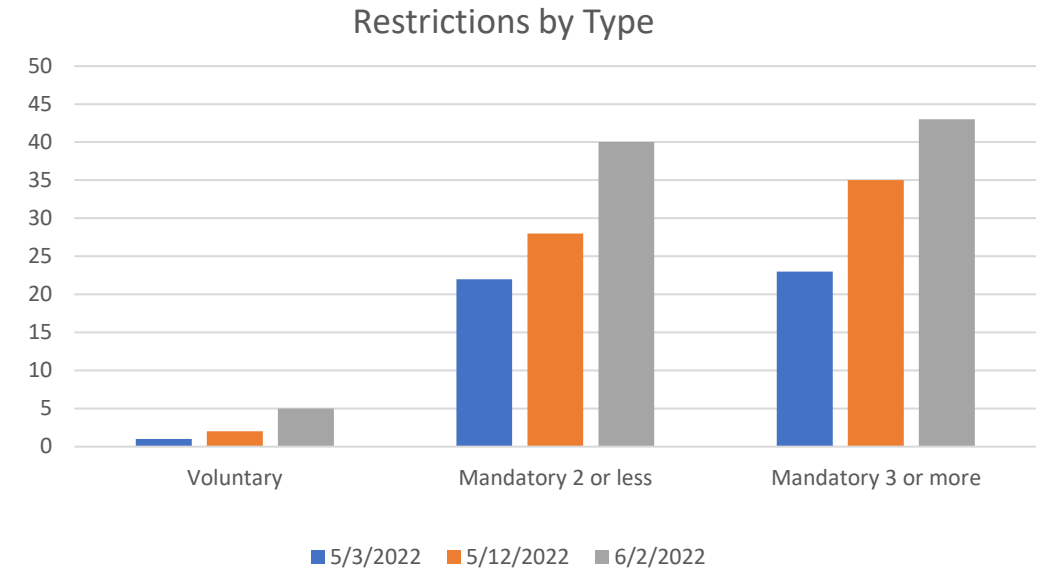
- Most WMA Permits require reductions in nonessential water uses when one or more of the following are triggered from 5/1 - 9/30:
  - Specific streamflow triggers generally include
    - June ABF is the May-June trigger
    - August ABF is the July –September trigger
  - Groundwater elevations on Cape, Islands and parts of Southeastern MA
    - Triggers are the period of record monthly 25<sup>th</sup> percentile depth to water level values, as determined and published by the USGS.
  - Drought Declaration or 7-Day Low Flow

# USGS Stream Gages and Monitoring Wells

- 54 USGS Gages are tracked
  - On May 3<sup>rd</sup> - 4 gages had been below the trigger for 3 consecutive days
  - On June 6<sup>th</sup> – 49 gages had been below the trigger for 3 consecutive days
- 6 USGS Monitoring Wells
  - On May 3<sup>rd</sup> - 1 gage had met or been below the trigger values for 60 consecutive days
  - On June 6<sup>th</sup> – 1 gage had met or been below the trigger values for 60 consecutive days
- Drought Declarations and 7-Day Low Flow
  - On May 16<sup>th</sup> - Level 1 - Mild Drought in the Southeast and Islands Drought Regions
  - On May 3<sup>rd</sup> - 0 gages had hit the 7-day low flow
  - On June 6<sup>th</sup> – 0 gages had hit the 7-day low flow

# Restriction Numbers

- 5/3 we had:
  - 1 Voluntary restriction
  - 23 Mandatory restrictions of 3 days or more
  - 22 Mandatory restrictions of 2 days or less
- 5/12 we had:
  - 2 Voluntary restrictions
  - 35 Mandatory restrictions of 3 days or more
  - 28 Mandatory restrictions of 2 days or less
- 6/2 we had:
  - 5 Voluntary restrictions
  - 43 Mandatory restrictions of 3 days or more
  - 40 Mandatory restrictions of 2 days or less

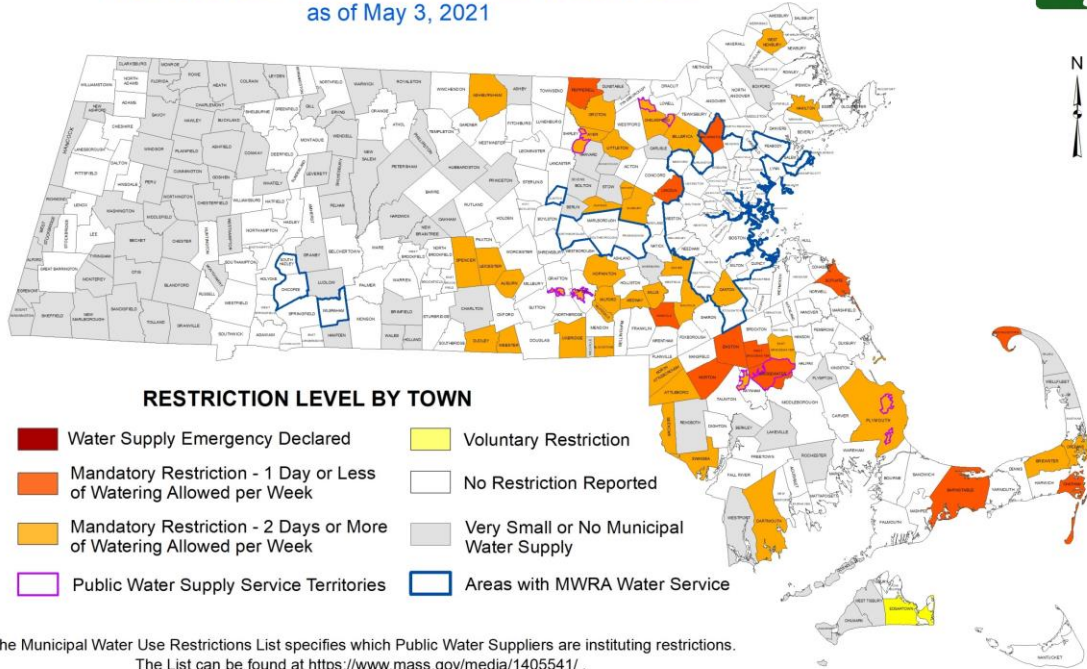


# The Maps

## CURRENT MUNICIPAL WATER USE RESTRICTIONS

### Non-Essential Outdoor Water Use Restrictions

as of May 3, 2021



#### RESTRICTION LEVEL BY TOWN

- Water Supply Emergency Declared
- Mandatory Restriction - 1 Day or Less of Watering Allowed per Week
- Mandatory Restriction - 2 Days or More of Watering Allowed per Week
- Voluntary Restriction
- No Restriction Reported
- Very Small or No Municipal Water Supply
- Public Water Supply Service Territories
- Areas with MWRA Water Service

The Municipal Water Use Restrictions List specifies which Public Water Suppliers are instituting restrictions. The List can be found at <https://www.mass.gov/media/1405541/>.

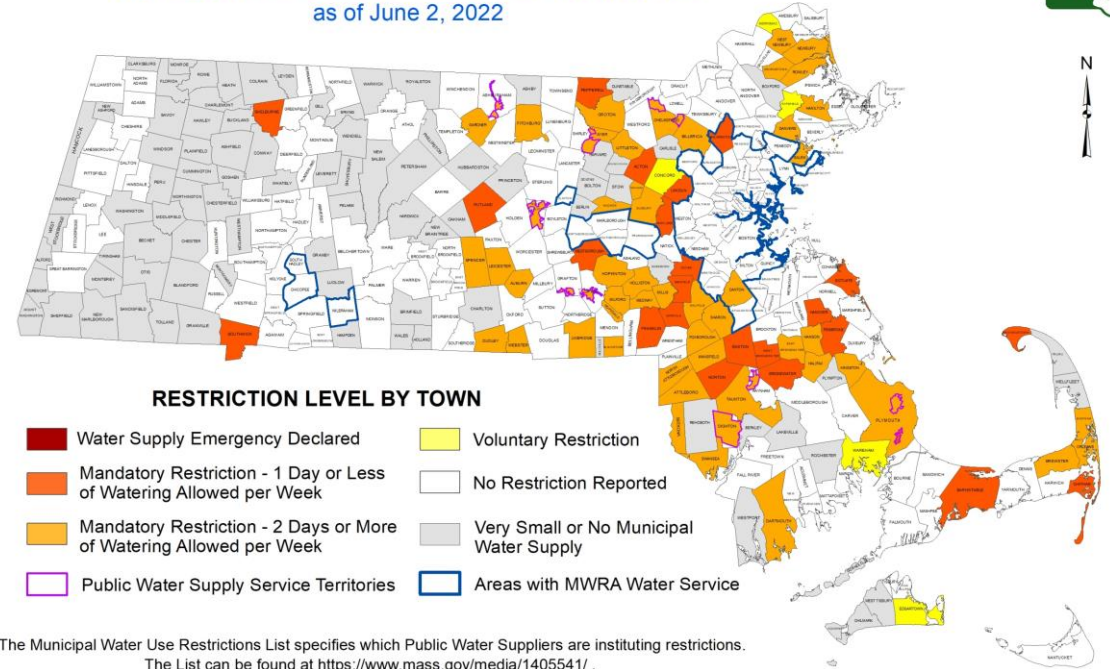
SOURCES:  
 MassDEP Bureau of Water Resources, Water Management Program; MassDEP GIS Program; MassGIS.  
 Restriction Level data provided by municipal Public Water Suppliers or by MassDEP internet search.  
 For more information contact MassDEP Water Management Program at 617-292-5706.  
 NOTE: Sub-town water supply service areas are approximate.

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## CURRENT MUNICIPAL WATER USE RESTRICTIONS

### Non-Essential Outdoor Water Use Restrictions

as of June 2, 2022



#### RESTRICTION LEVEL BY TOWN

- Water Supply Emergency Declared
- Mandatory Restriction - 1 Day or Less of Watering Allowed per Week
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- Voluntary Restriction
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