

# Massachusetts Drought Dashboard

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# Background

- 2016-2017 drought was fast changing drought
- Historically, took 2 days to process data using Excel
- Identified a need for
  - Revision of drought indices to signal fast changing conditions
  - Faster data processing to enable weekly monitoring and sub-monthly drought meetings
  - Significant investments in real-time wells so that 3 primary indices – Precipitation, Streamflow and Groundwater have sufficient data points
- Timeline
  - 2019: Release of revised Drought Management Plan
  - 2020: Concept development started
  - 2021: Internal state use of data without website interface
  - 2022: First full release of dashboard including public access → [www.mass.gov/massDD](http://www.mass.gov/massDD)

# Drought Dashboard Schematic

