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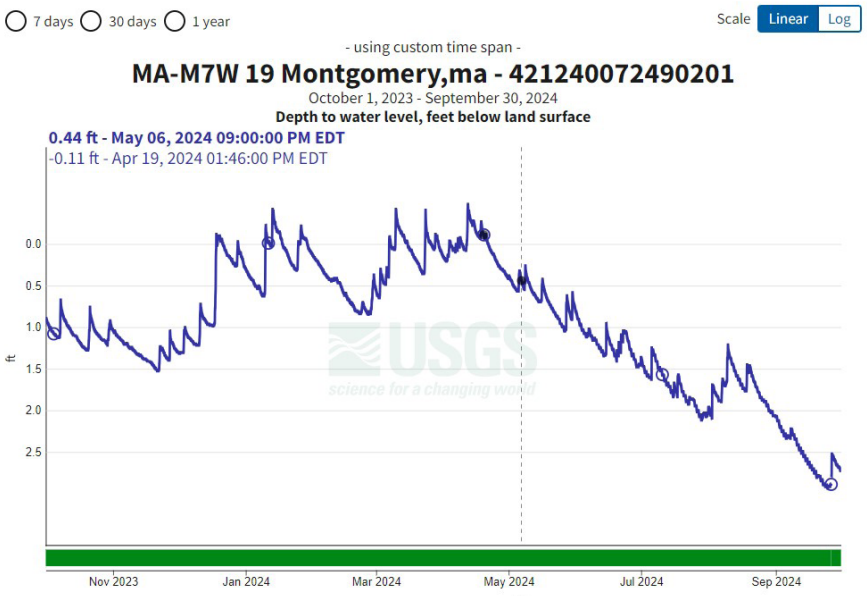
U.S. Geological Survey Groundwater Climate Response Network, 2024

USGS hydrologic technician making a groundwater measurement in Montgomery, Massachusetts (USGS station 421240072490201). Photograph by Samuel Banas, USGS.

As of October 2024, the U.S. Geological Survey (USGS) operated 588 sites across the United States and its territories as part of the Groundwater Climate Response Network (CRN). The CRN is comprised of wells selected to monitor the effects of climate variability, such as droughts, on groundwater levels nationwide. The CRN includes nearly 500 locations with real-time data and more than 100 sites with non-real-time data available to the public on the CRN web mapper and the USGS National Water Dashboard.

USGS hydrologic technician making a groundwater measurement at a USGS monitoring well in Southbury, Connecticut (USGS station 412935073122701). Photograph by USGS.

USGS staff regularly measure the depth to groundwater, as shown in the picture to the lower left, to verify the continuous data record (at minimum one reading per hour) which is available at the National Water Dashboard.



Groundwater hydrograph from a Climate Response Network well in Montgomery, Massachusetts (USGS station 421240072490201), October 1, 2023 to September 30, 2024. Accessed January 10, 2025, at https://waterdata.usgs.gov/monitoring-location/421240072490201/.

186

Climate Response Network sites fully funded by the USGS Groundwater and Streamflow Information Program

402

Supplemental Climate Response Network sites monitored in cooperation with State, Local, Regional, Tribal, or other Federal partners

For more information about the U.S. Geological Survey Water Monitoring Networks:

Visit https://www.usgs.gov/mission-areas/water-resources/science/national-water-monitoring-network

Contact the National Groundwater Networks Coordinator at waternetworks@usgs.gov

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