

Projected Bedrock Water Quality

STONEHAM

Uranium Probability

% Probability of Exceeding the Public Drinking Water Standard of 30 micrograms per liter (30 PPB)

- <= 1.0%
- 1.1% to 4.7%
- 4.8% to 13.0%
- 13.1% to 25.4%
- Granite/Pegmatite*

City/Town Statistics	Acres	Percent
<= 1.0%	0	0
1.1% to 4.7%	0	0
4.8% to 13.0%	0	0
13.1% to 25.4%	0	0
Granite/Pegmatite*	2904	68.1
No Data	1361.8	31.9
Total	4265.8	

*Areas mapped as granite and pegmatite are located outside of the USGS SIR 2011-5013 study area. Although no precise uranium probability values exist for these bedrock units, these types of bedrock generally have an increased probability of containing naturally occurring radionuclides such as radium, uranium, or radon in well water at concentrations exceeding public drinking water limits.



Massachusetts Department of Environmental Protection



Deval Patrick
Governor
Richard K. Sullivan Jr.
Secretary of Energy and Environmental Affairs

MAP LEGEND

- Reservoir
- Pond, Lake or Ocean
- Fresh Water Wetlands
- Cranberry Bog
- Salt Water Wetlands
- Perennial Stream, Shoreline
- Intermittent Stream
- Intermittent Shoreline
- Ditch/Canal
- Dam
- Active Rail Lines
- Pipeline
- Powerline
- Limited Access Highway
- Multi-lane Hwy, Not Limited Access
- Other Numbered Highway
- Major Road, Collector
- Minor Road, Ramp
- MA Town Boundary
- MA Interstate Boundary
- County Boundaries
- DEP Region Boundary
- Contour Interval 3 Meters

- Local Police Station
- State Police Station
- County Sheriff Station
- Fire Stations
- Town Halls
- Libraries
- Public School
- Private School
- Charter School
- Collaborative Program School
- Special Education School
- Private College
- Public College
- Hospital with ER
- Hospital
- Nursing Home
- Rest Home
- Prisons
- Airports
- MBTA Station
- Seaports
- Camp

- Campground
- Cemetery
- Convention Center
- Court House
- Field - Playground
- Fish Hatchery
- Golf Course
- Industrial Park
- Lighthouse
- Marina
- Monument
- Museum
- Park
- Pier - Wharf
- Places of Worship
- Post Office
- Public Pool
- Shopping Center
- Ski Area
- Sports Facility
- Theater
- Tower

Mass StatePlane NAD83 Coordinates shown in RED

Map Scale 1:10000



1 inch = 833 feet

1 inch = 254 meters

Map Created March, 2011



STONEHAM FALLS WITHIN THE MassDEP NORTHEAST REGION
This map is for illustrative purposes only. It represents the best statewide data available at the date of printing. There are other important natural resources that are not shown on this map because the digital spatial data do not exist.

DATA SOURCES
HYDROGRAPHY: USGS/MassGIS, 1:25,000 or less. Hydrography from the USGS National Hydrography Dataset merged with public water supply watersheds where the resolution is approximately 1:100,000.
TOPOGRAPHIC CONTOURS: MassGIS, 1:5,000, 3 Meter contour elevations generated from digital ortho photos.
POLITICAL BOUNDARIES: MassGIS. This political boundary dataset has been created from latitude and longitude coordinates found in the 66 volume Master and Land Commission Town Boundary Atlas.
ROADS: Mass Department of Transportation 1:50,000. Road centerlines signed with 1:50,000 Orthophotos. Attributes from DOT road database.
TRANSITS AND TRANSLINES: Mass Department of Transportation Trans @ 1:50,000, Pipelines and Powerlines @ 1:25,000.
GEOGRAPHIC FEATURES: USGS/MassDEP, USGS Geographic Names Information System (GNIS) features. Features include airports, hydrography, and other geographic features.
WETLANDS: USGS Resource Mapping Project (USGS/MassDEP/MassGIS, Source Scale 1:12,000 to 1:40,000). Wetland information shown on this map consists of several wetlands datasets, including DEP Hydrology Wetlands (1:12,000) and USGS Hydrology Wetlands (1:25,000).

