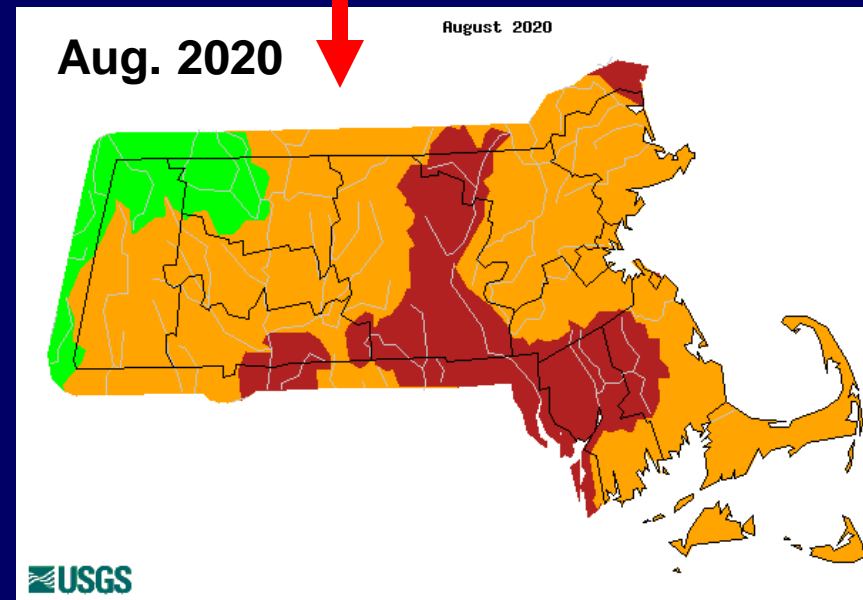
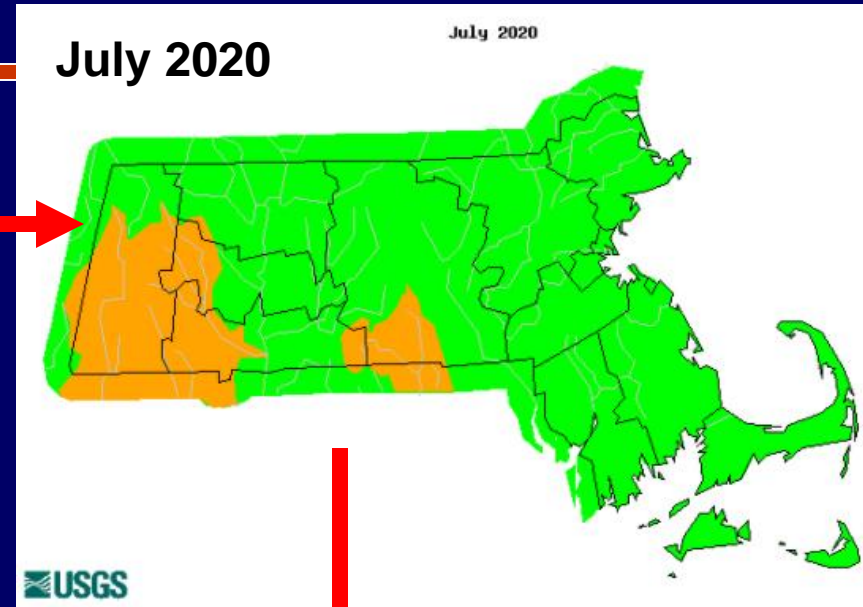
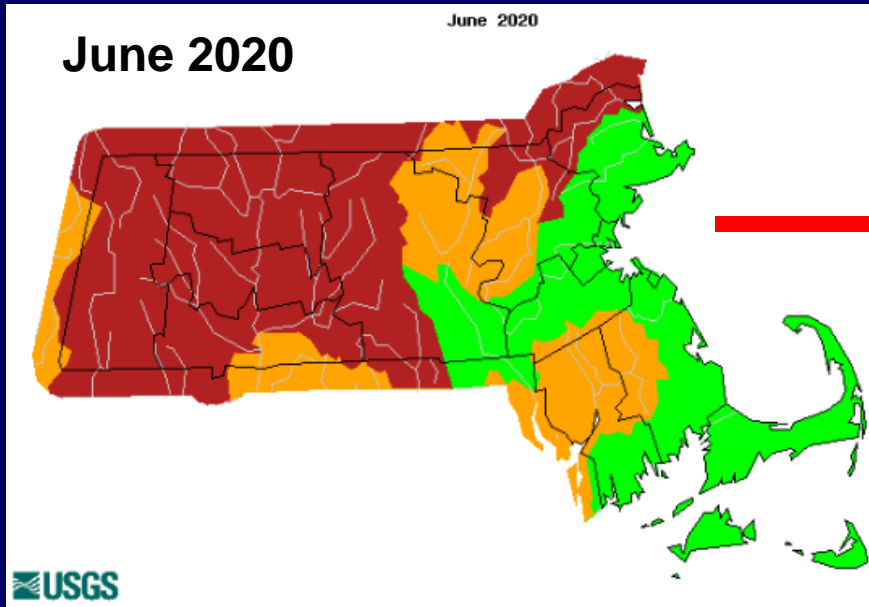

Streamflow and Groundwater Conditions in Massachusetts

Nov. 5, 2020

Gardner Bent
U.S. Geological Survey
New England Water Science Center



Average Streamflow Conditions – June-Aug. 2020

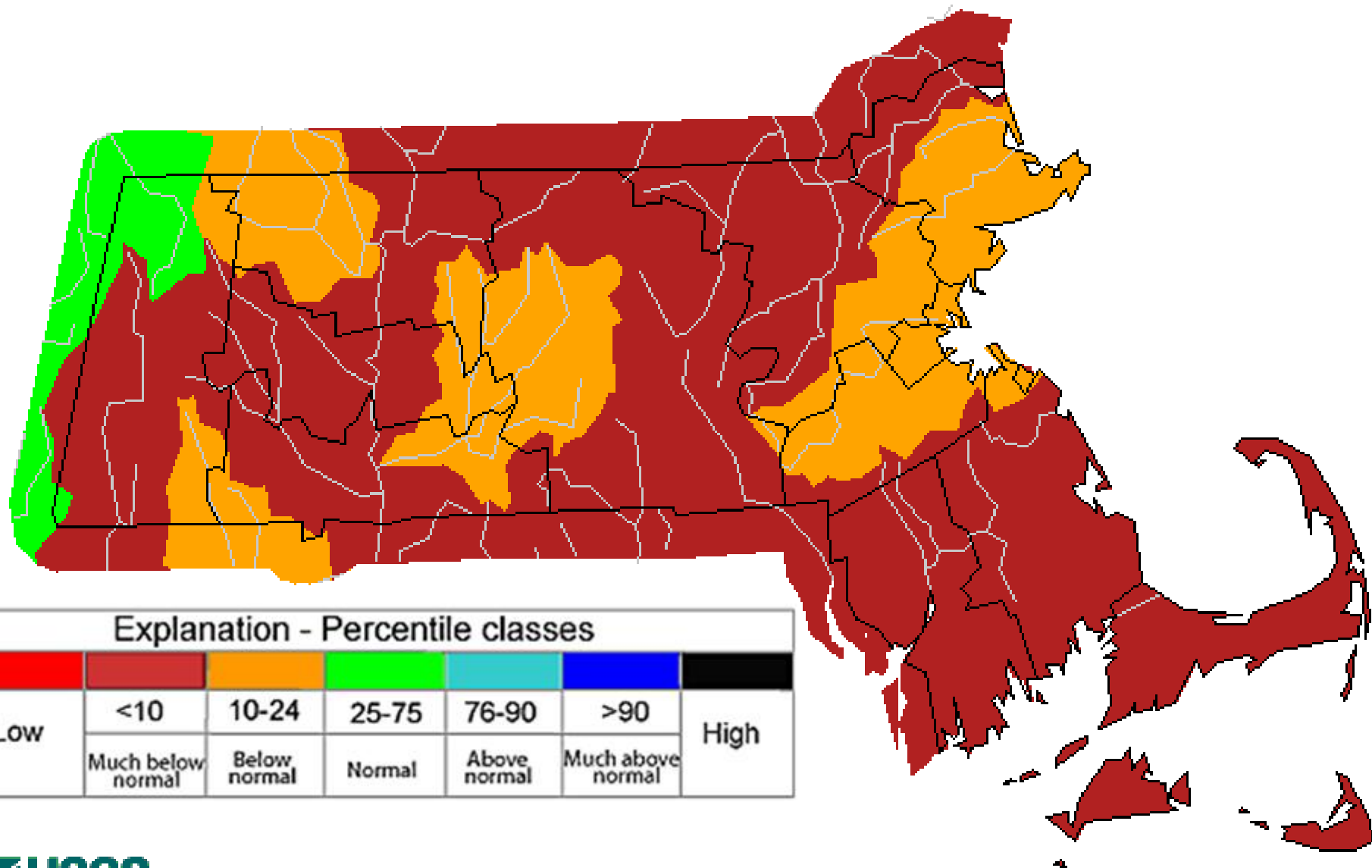


Explanation - Percentile classes

	<10	10-24	25-75	76-90	>90	
Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High

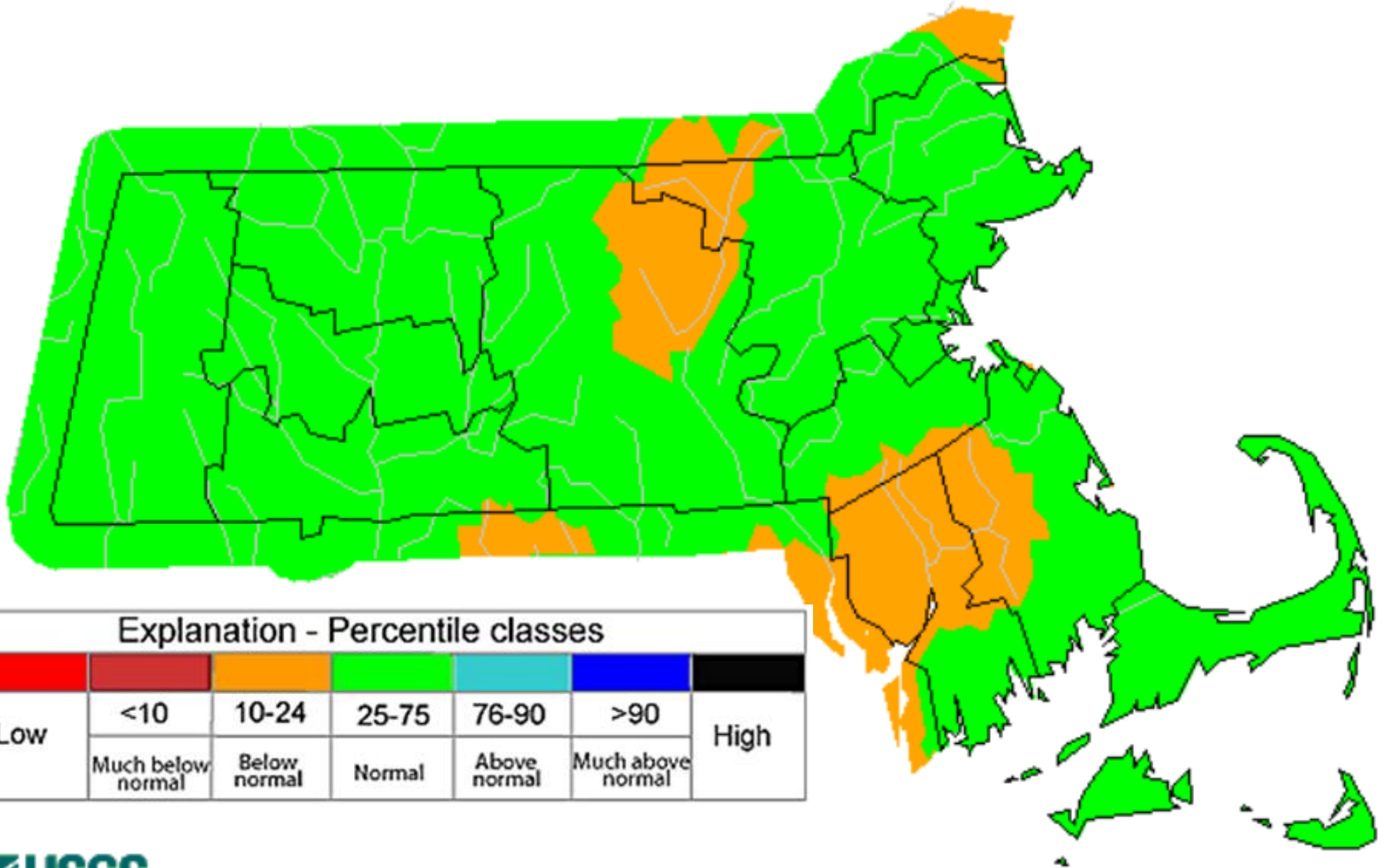
Average Streamflow Conditions – Sept. 2020

September 2020



Average Streamflow Conditions – Oct. 2020

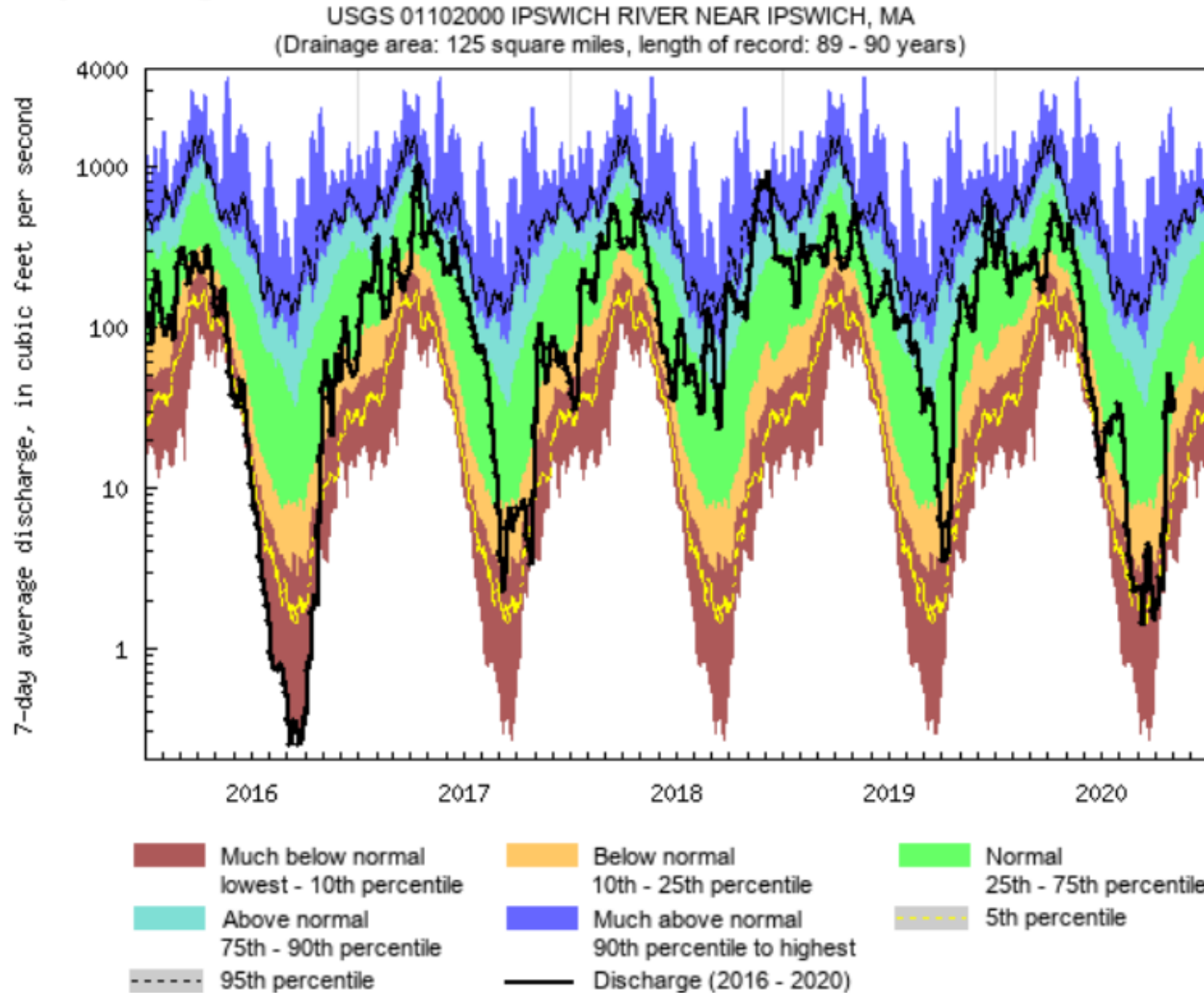
October 2020



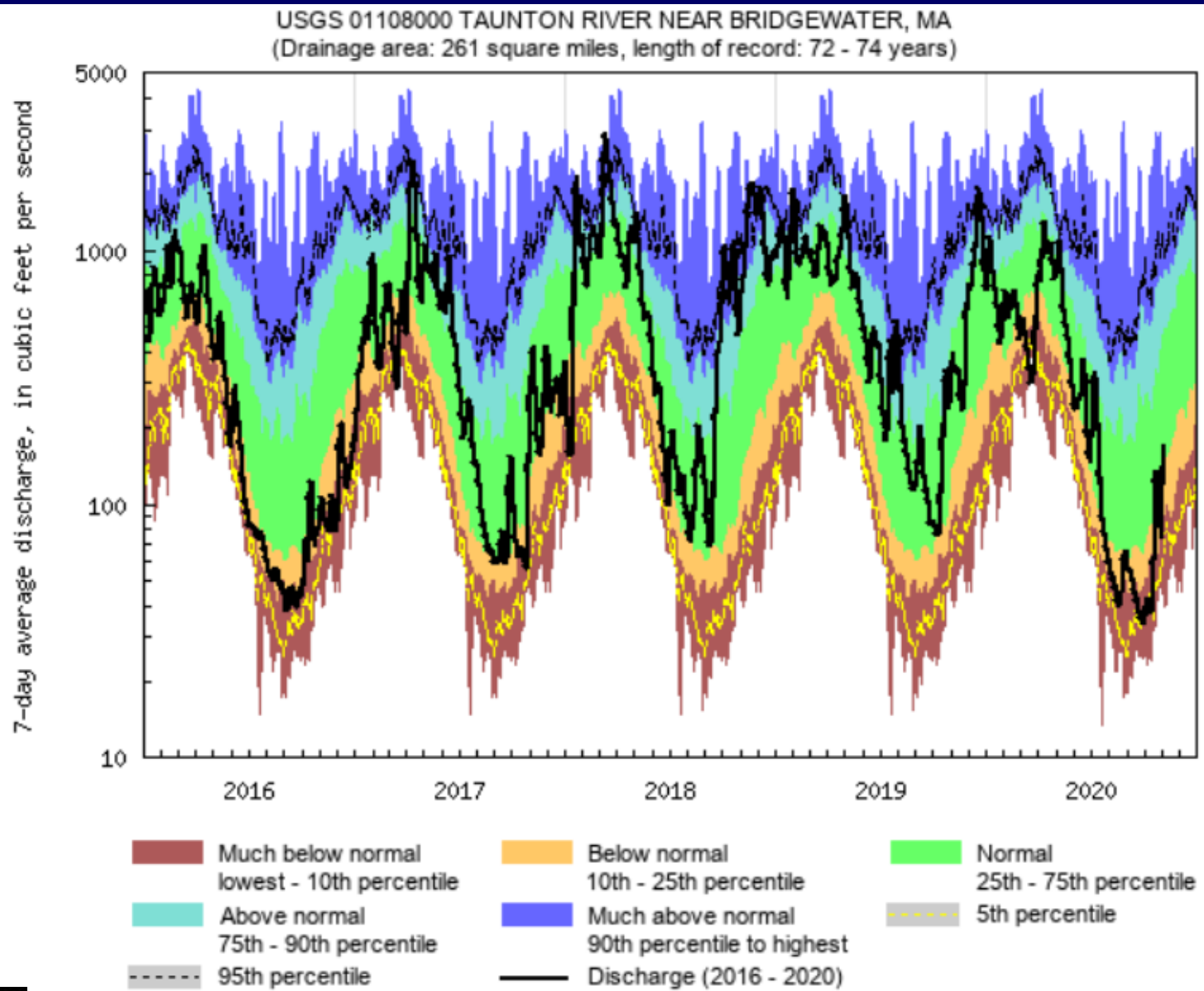
Explanation - Percentile classes

Low	<10	10-24	25-75	76-90	>90	High	
	Much below normal	Below normal	Normal	Above normal	Much above normal		

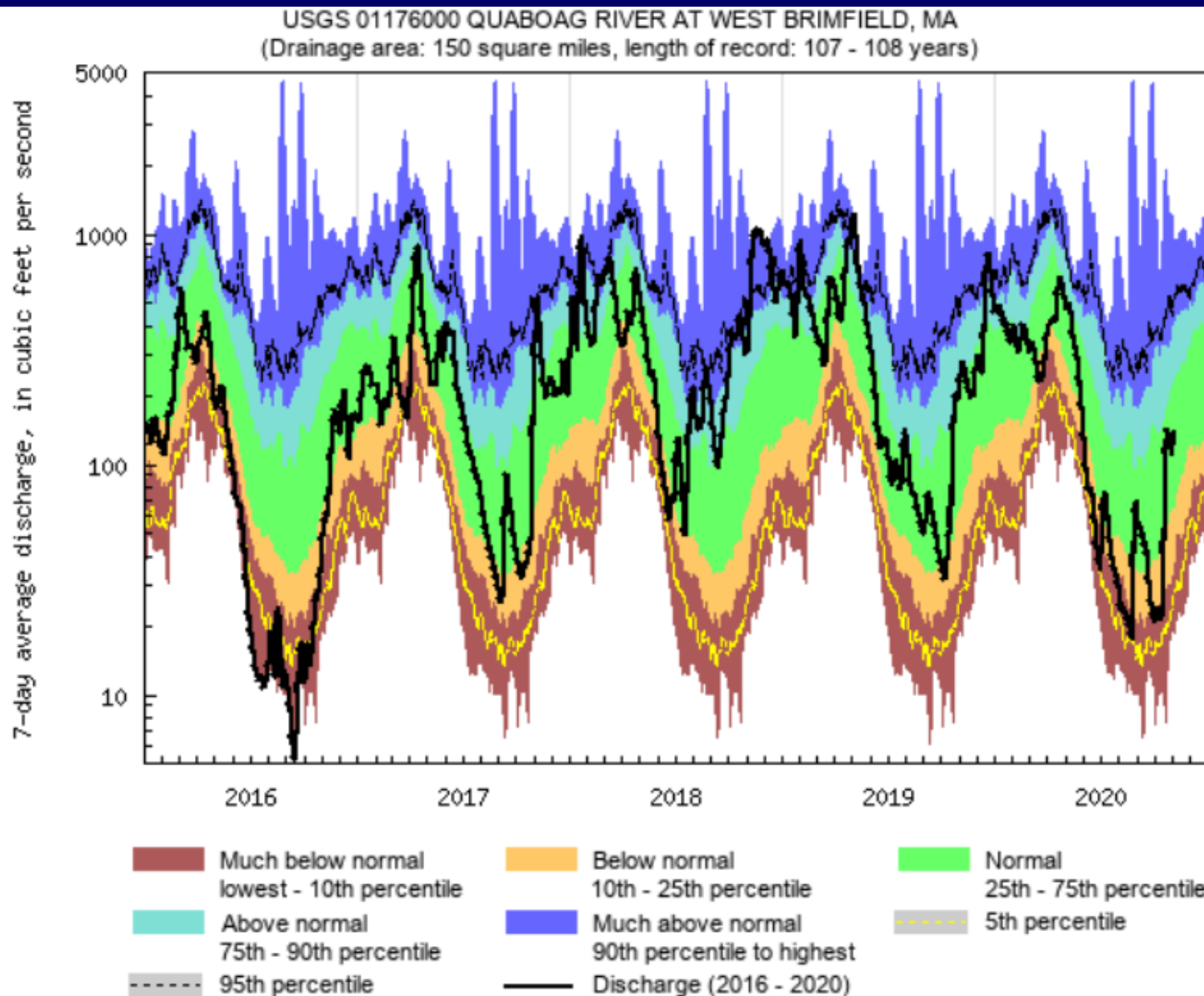
7-Day Avg. – Ipswich River – northeastern MA



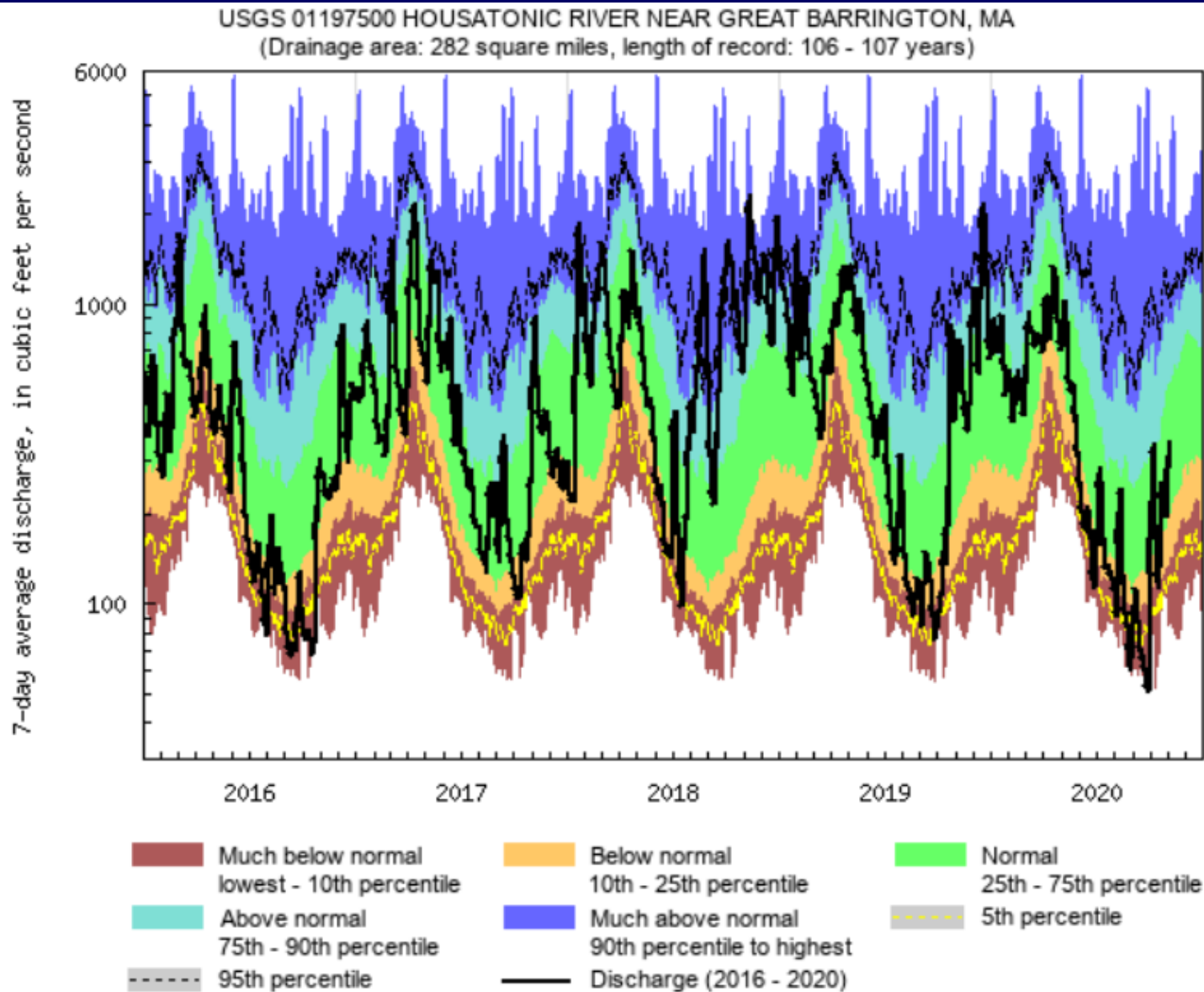
7-Day Avg. – Taunton River – southeastern MA



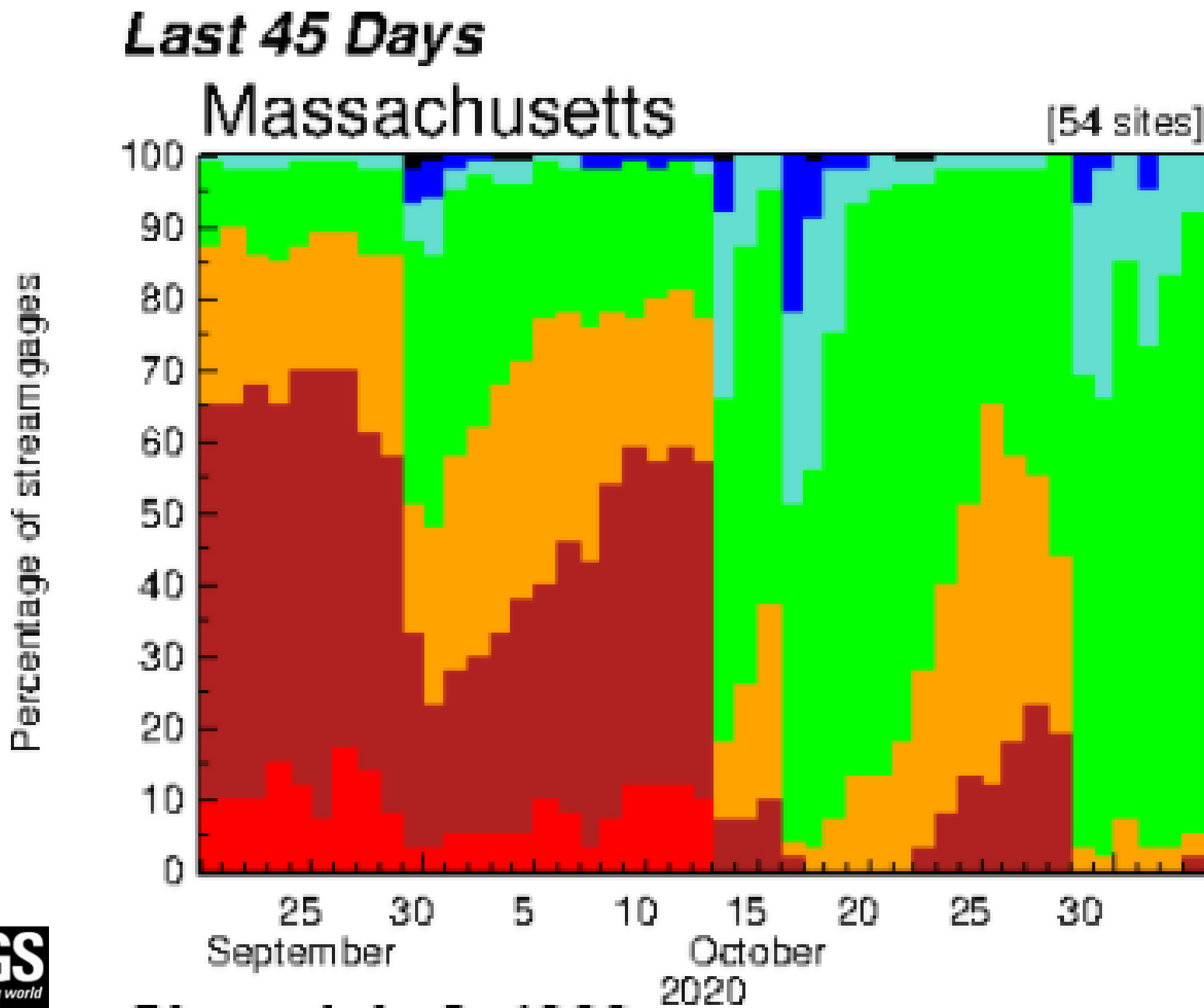
7-Day Avg. – Quaboag River – central MA



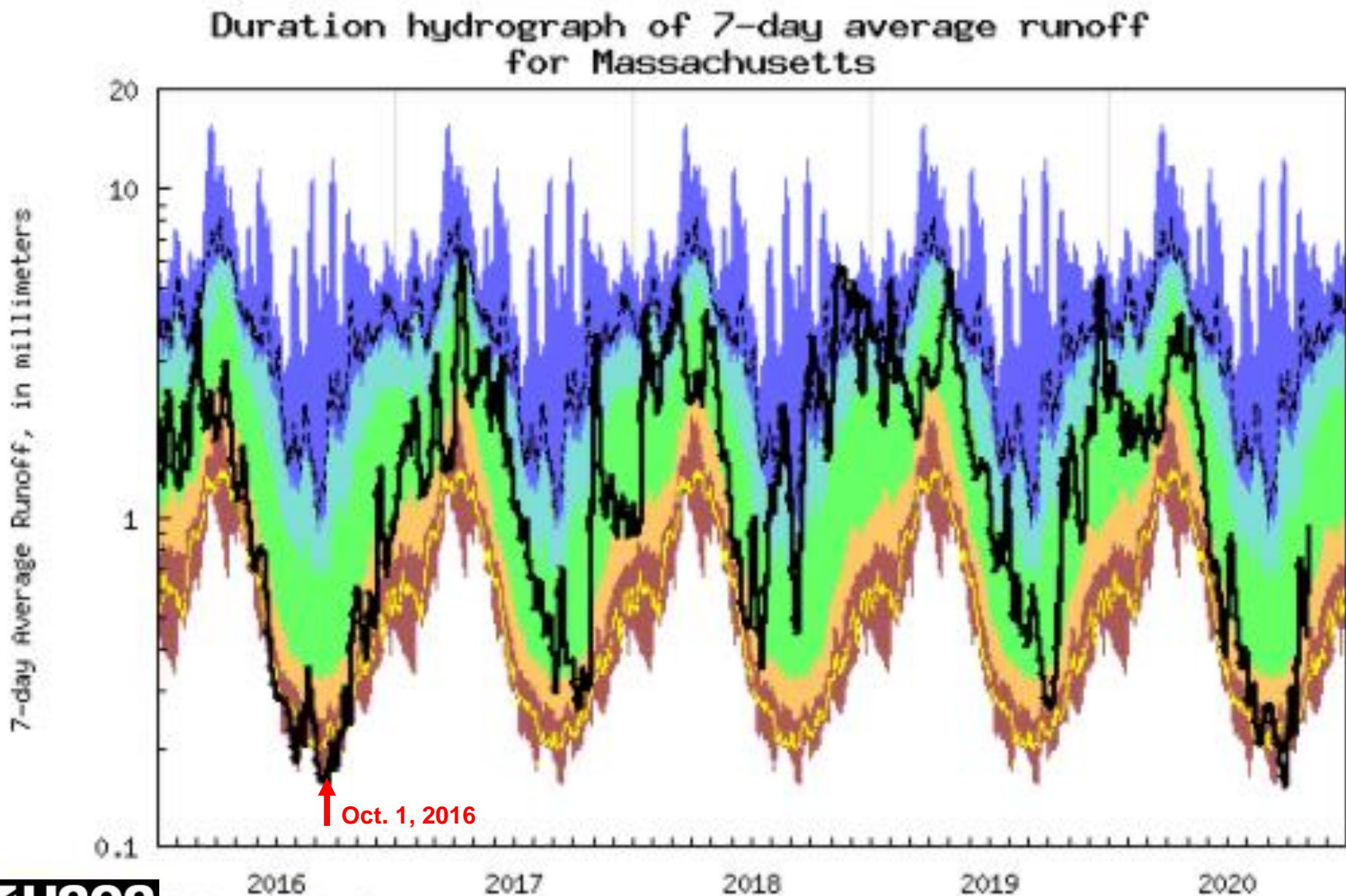
7-Day Avg. – Housatonic River – western MA



Average runoff – Massachusetts – last 45 days

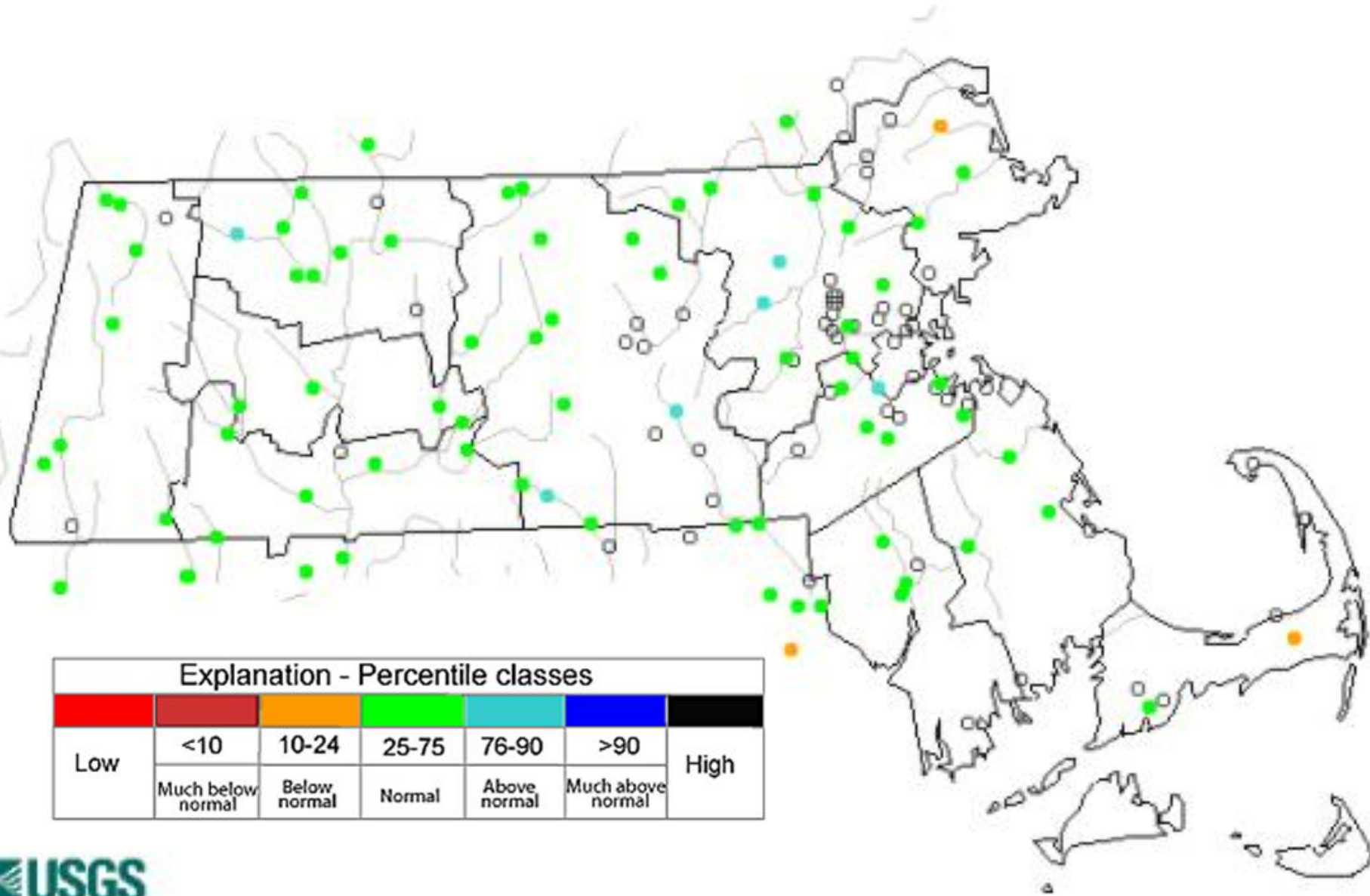


Avg. runoff – Massachusetts – last 5 years

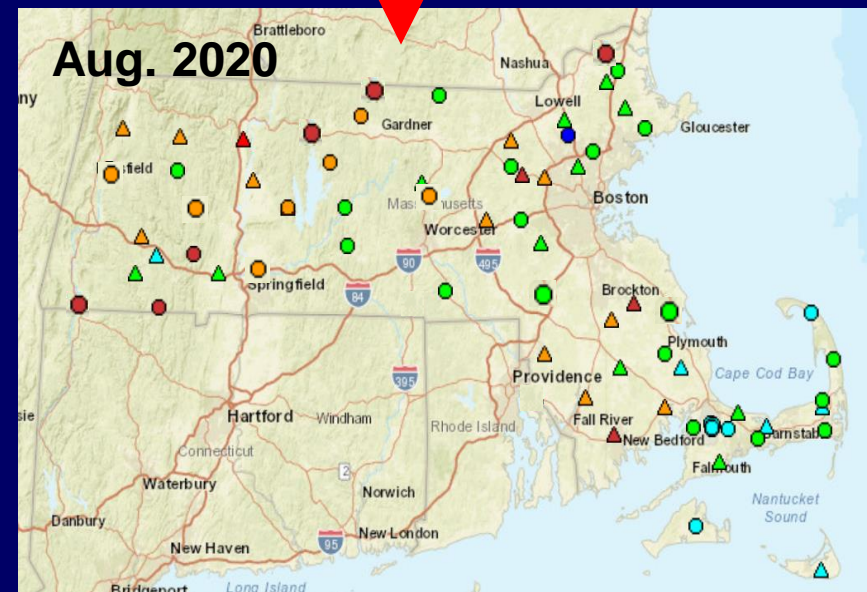


Streamflow Conditions – Nov. 4, 2020

Wednesday, November 04, 2020 13:30ET

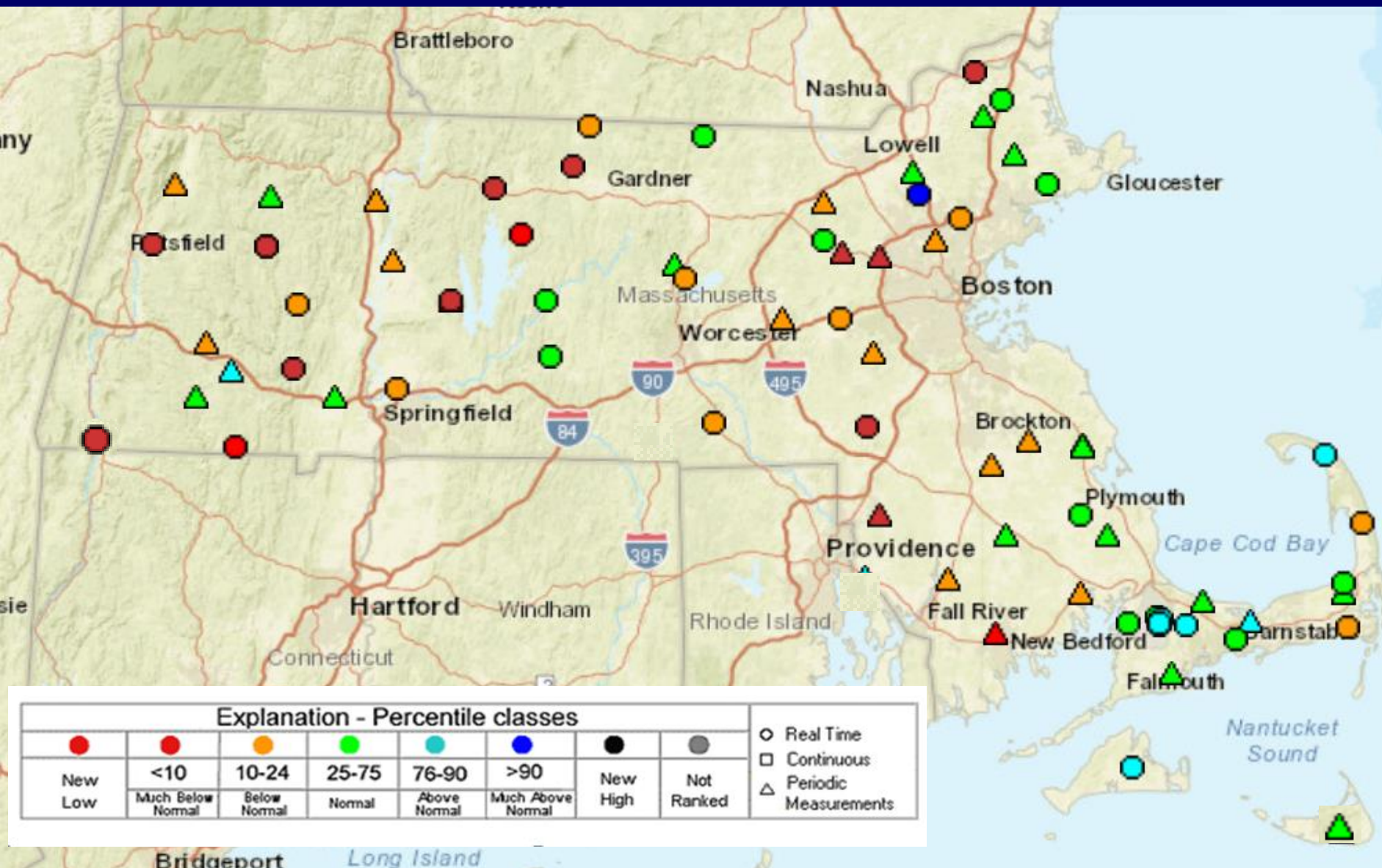


GW Conditions Late June – Late Aug. 2020

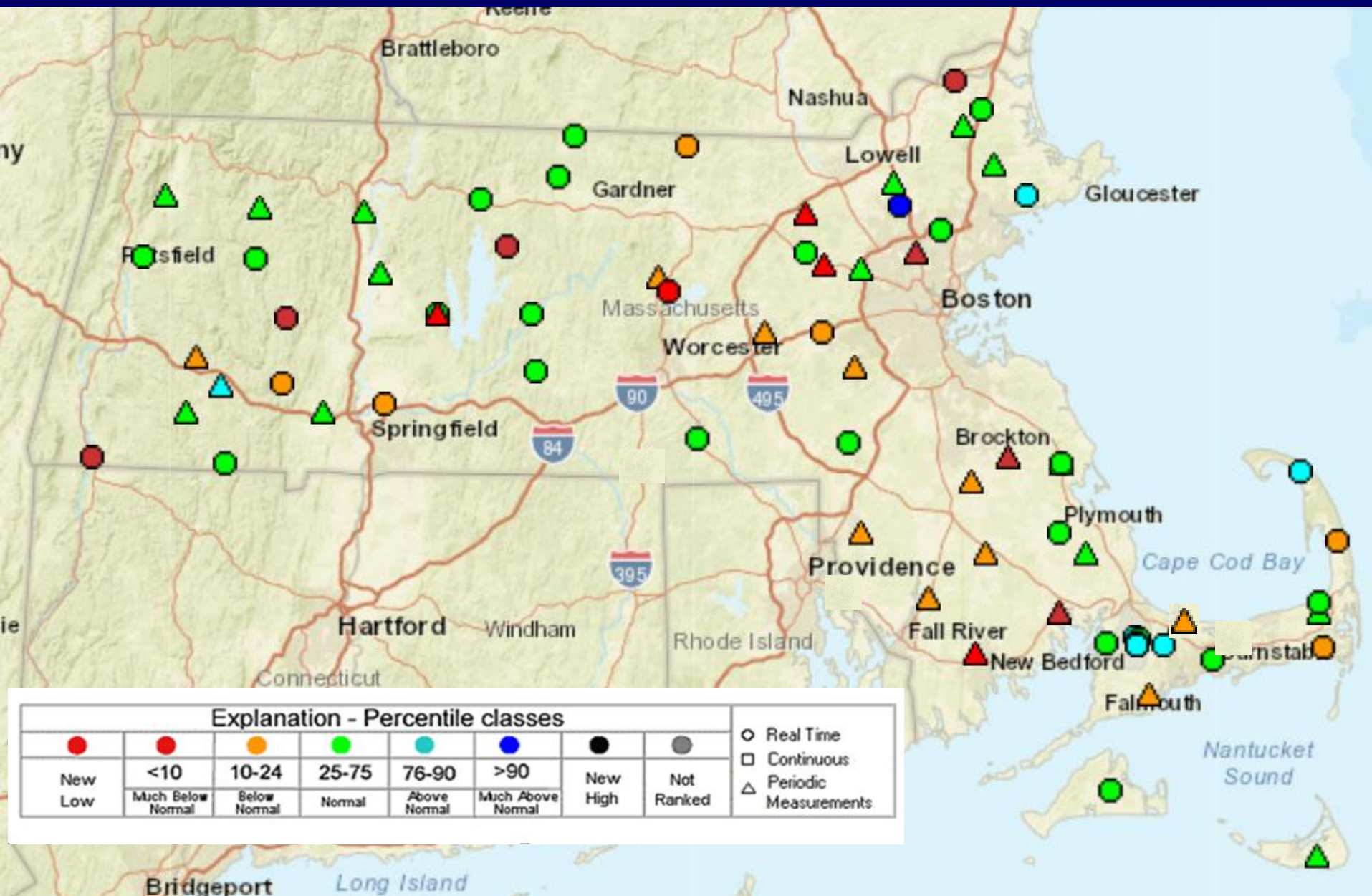


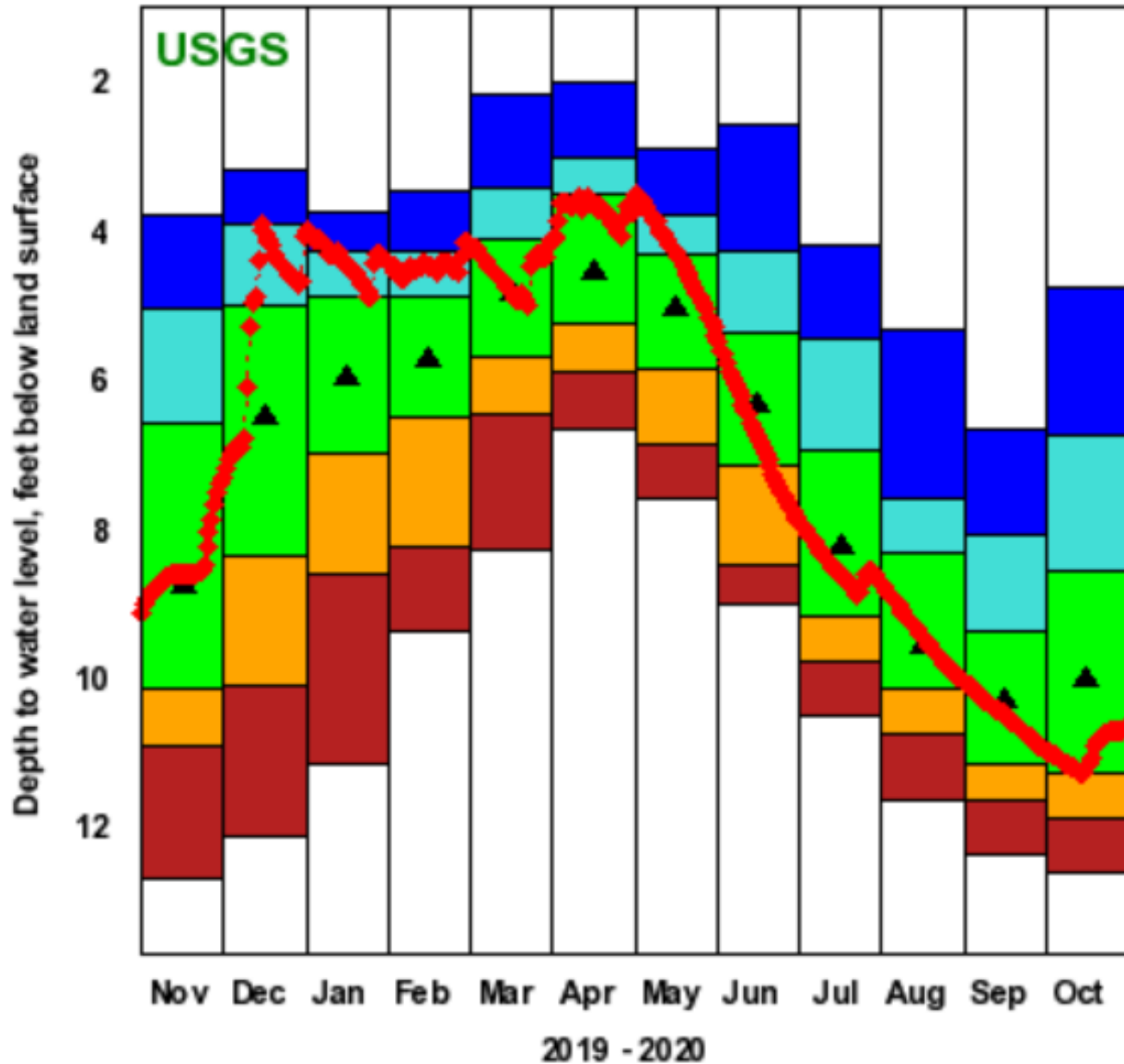
Explanation - Percentile classes								○ Real Time	□ Continuous	△ Periodic Measurements
●	●	●	●	●	●	●	●			
New Low	<10	10-24	25-75	76-90	>90	New High	Not Ranked			
	Much Below Normal	Below Normal	Normal	Above Normal	Much Above Normal					

GW Conditions Late September 2020

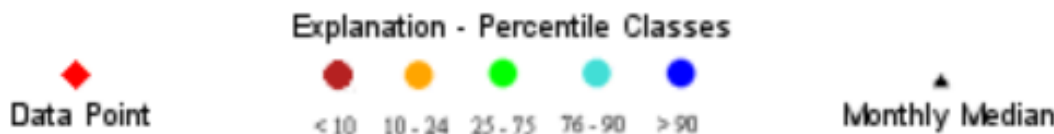


GW Conditions Late October 2020





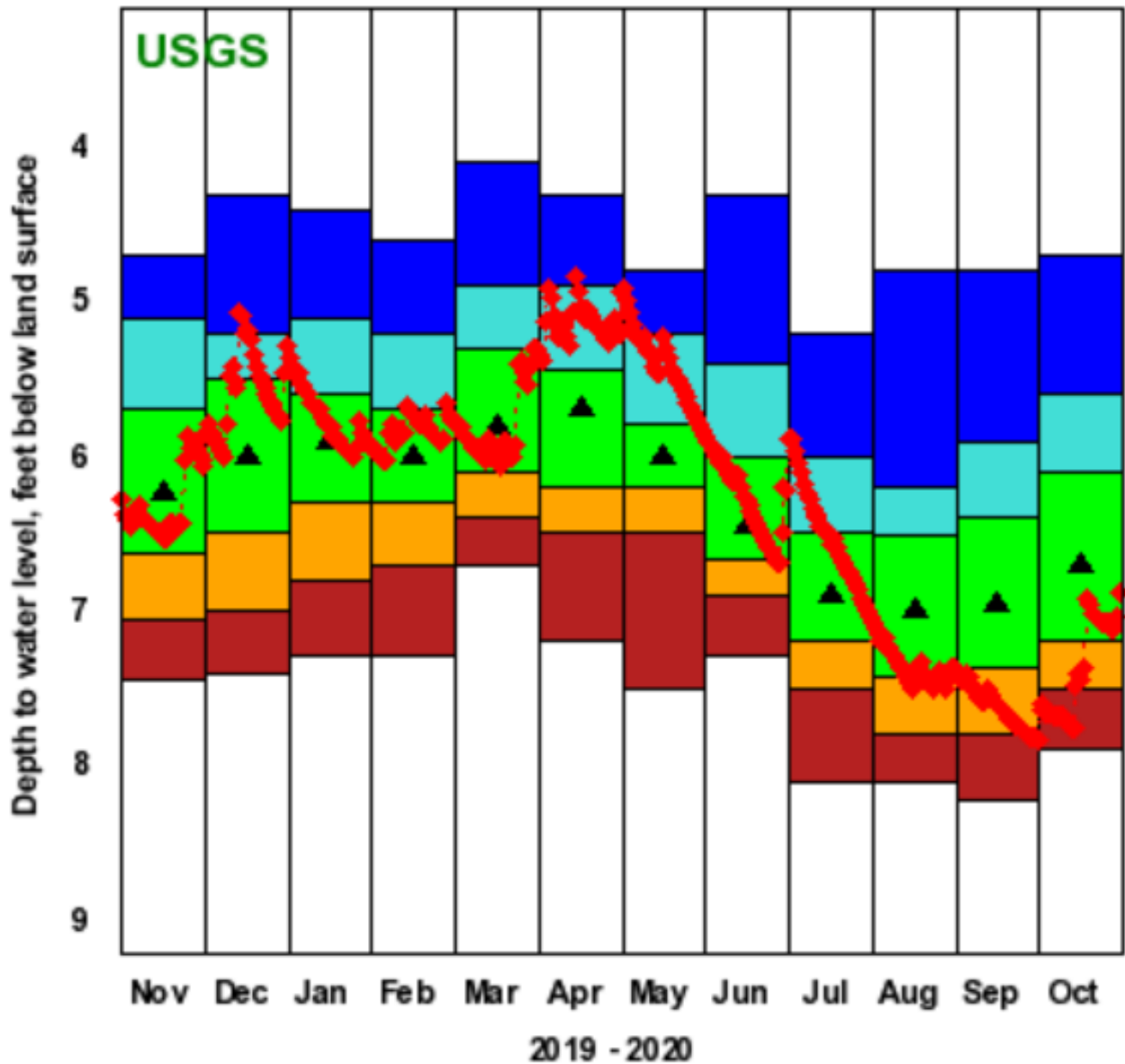
Plot created 10/31/20 13:41



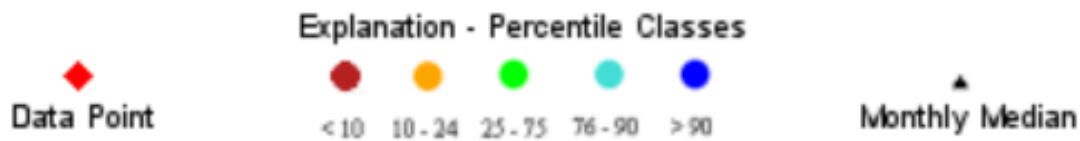
Period of Record

All data
July 1959 – present

Continuous data
Oct. 1984 - present



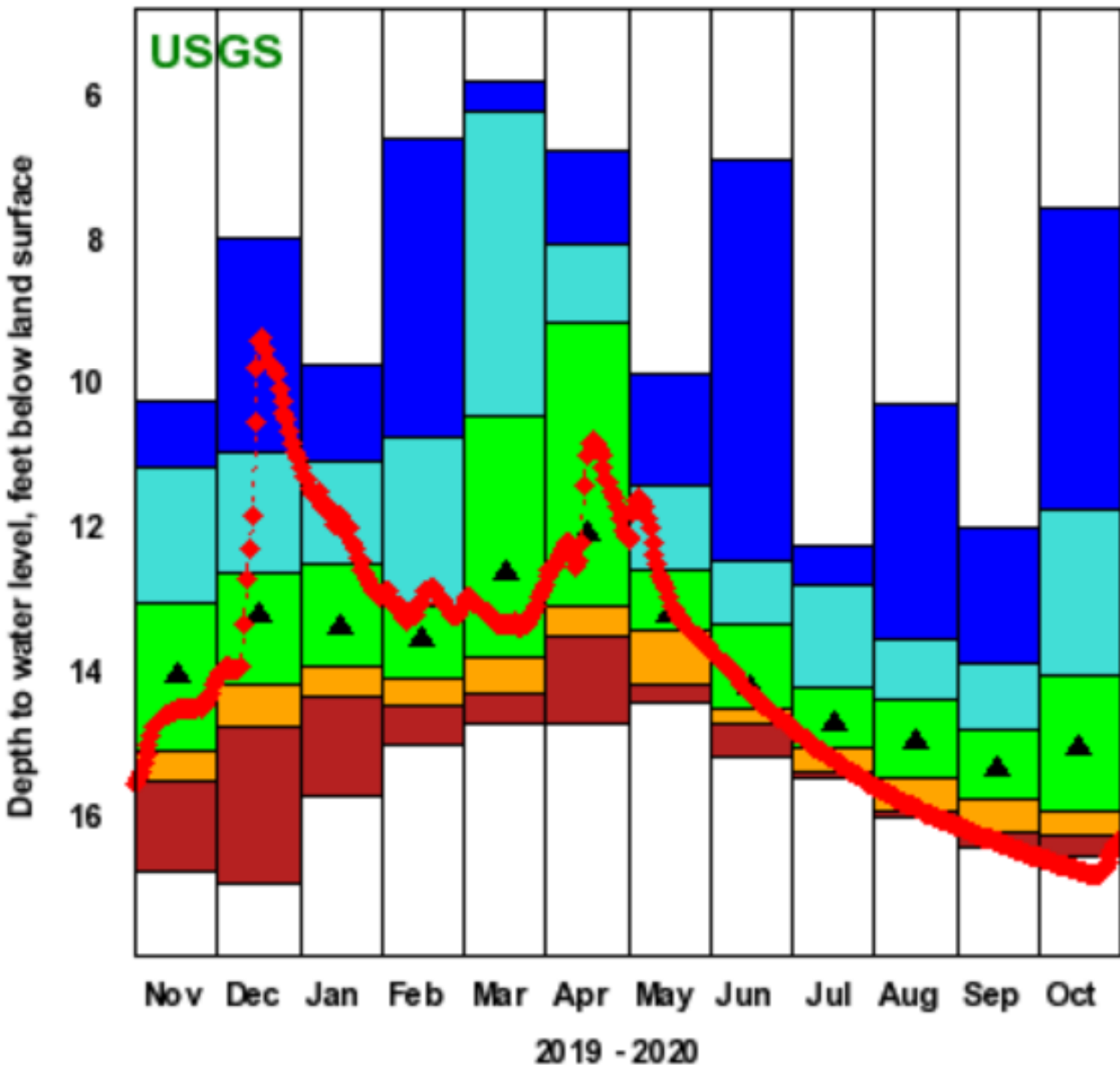
Plot created 10/31/20 13:40



Period of Record

All data
Dec. 1964 – present

Continuous data
Aug. 2001 - present



Plot created 10/31/20 13:40

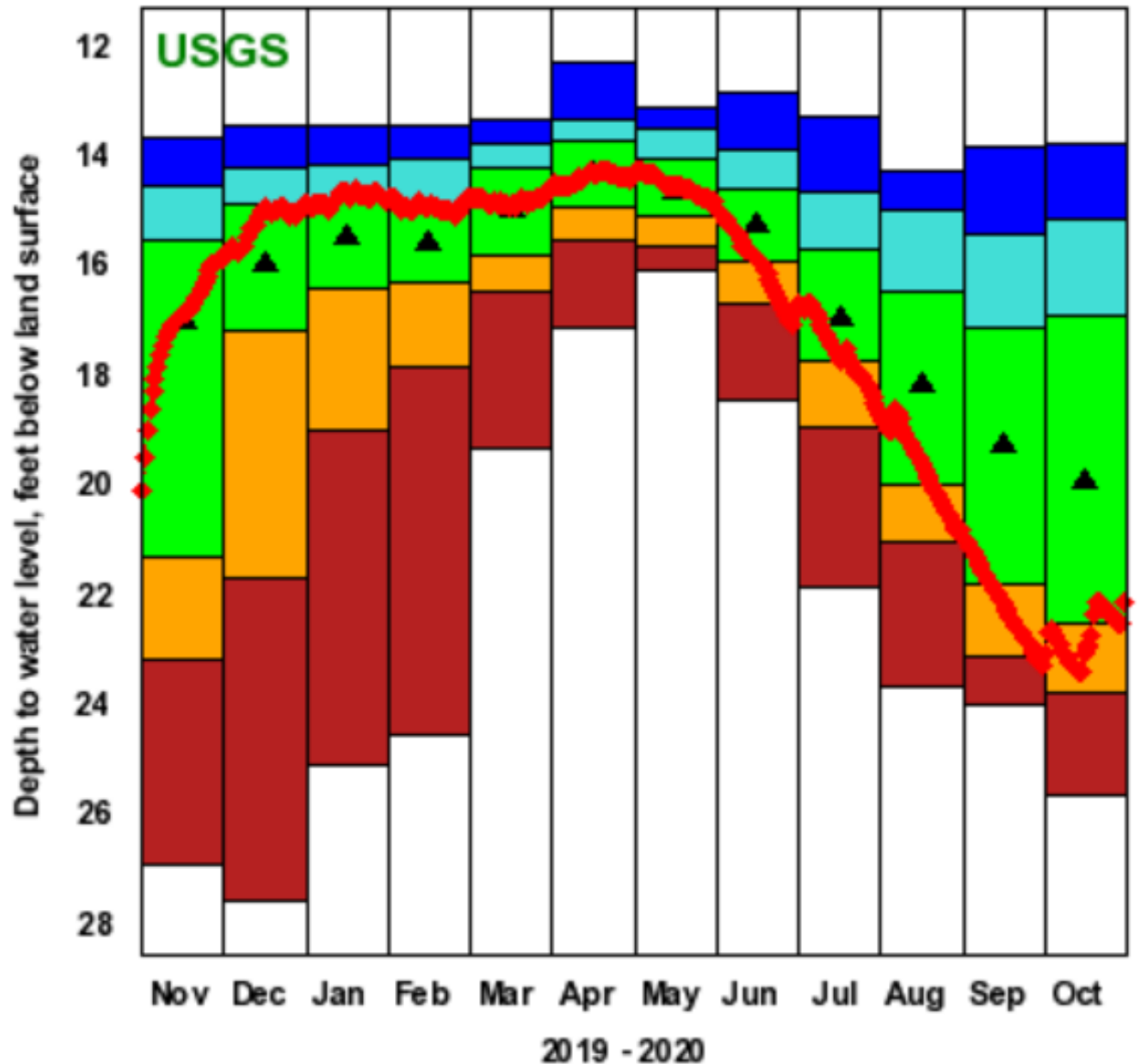
Explanation - Percentile Classes



Period of Record

All data
Jan. 1984 – present

Continuous data
May 2012 - present



Explanation - Percentile Classes

◆ Data Point

● < 10 ● 10 - 24 ● 25 - 75 ● 76 - 90 ● > 90

▲ Monthly Median

Period of Record

All data
Aug. 1963 – present

Continuous data
Oct. 1984 - present

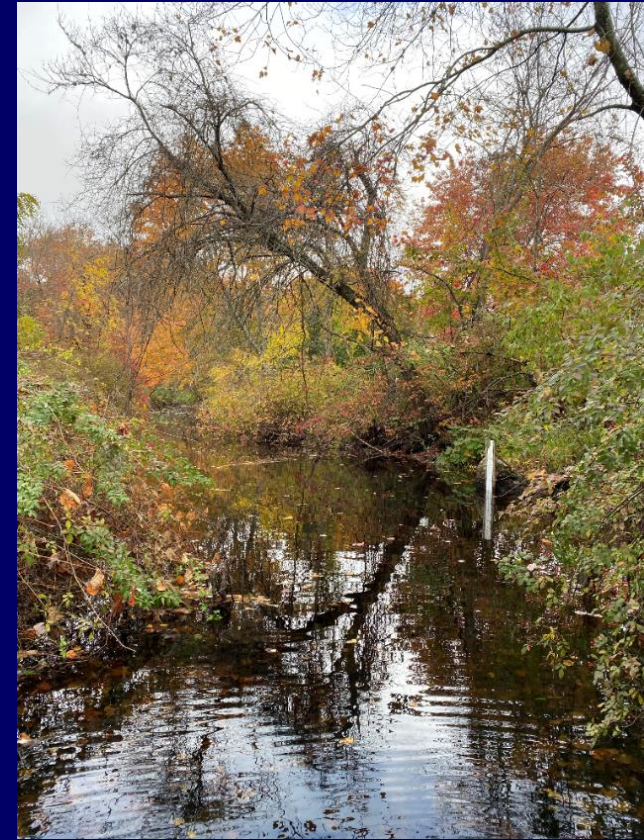
Questions



Aug. 19, 2020



Sept. 23, 2020



Oct. 21, 2020

Segreganset River at North Dighton, MA (01109070)