
Streamflow and Groundwater Conditions in Massachusetts

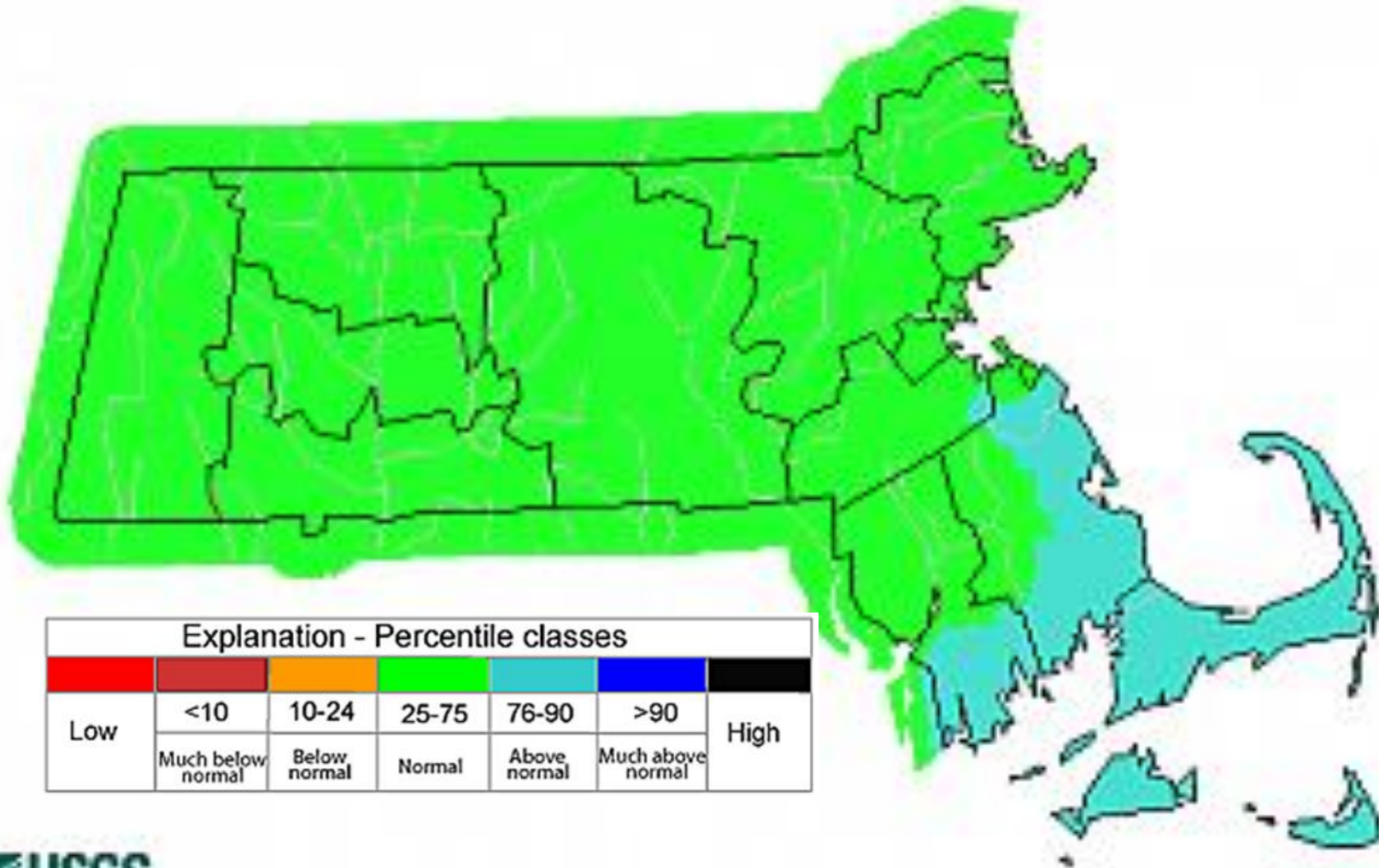
Sept. 3, 2020

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



Average Streamflow Conditions – April 2020

April 2020

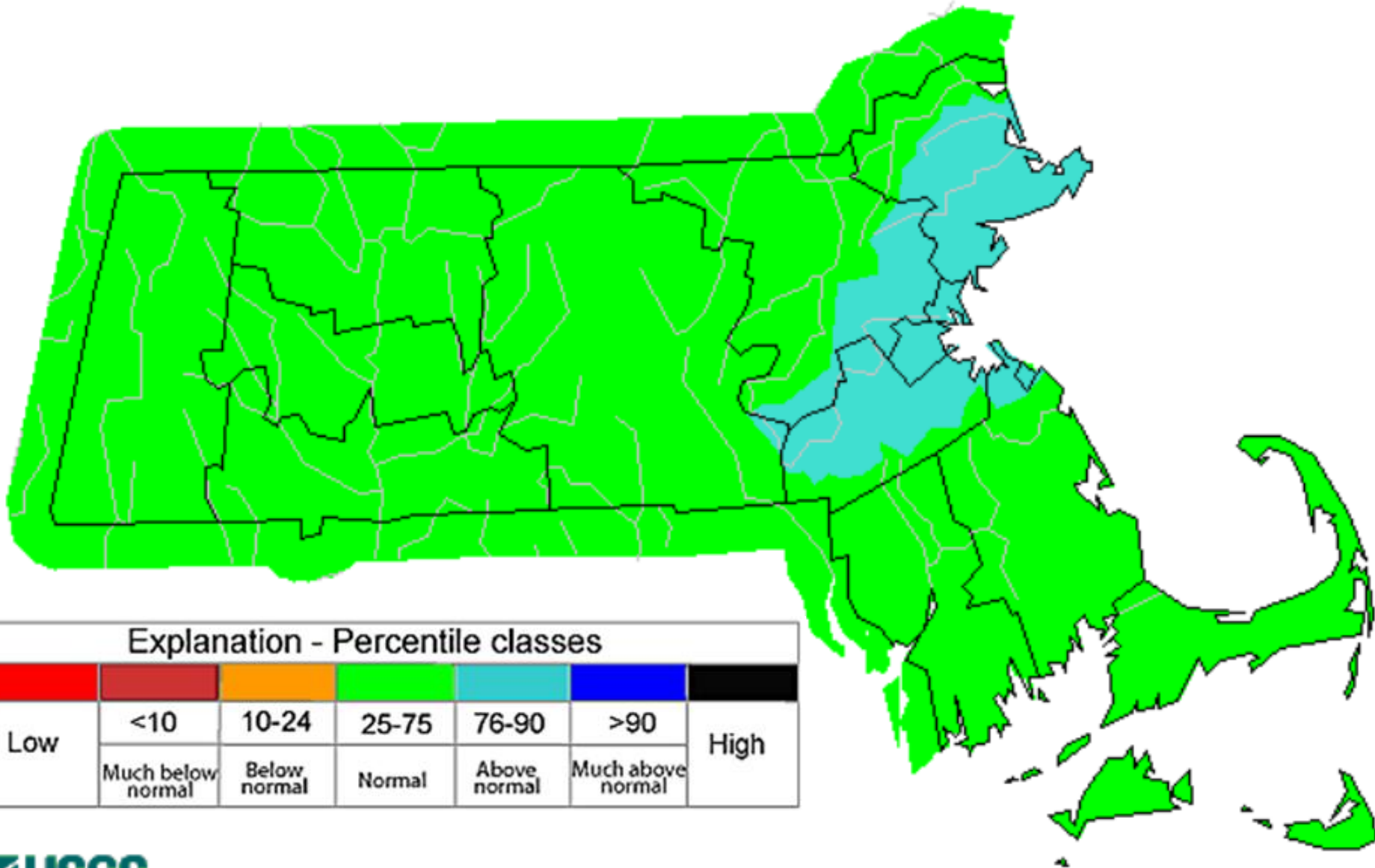


Explanation - Percentile classes

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

Average Streamflow Conditions – May 2020

May 2020

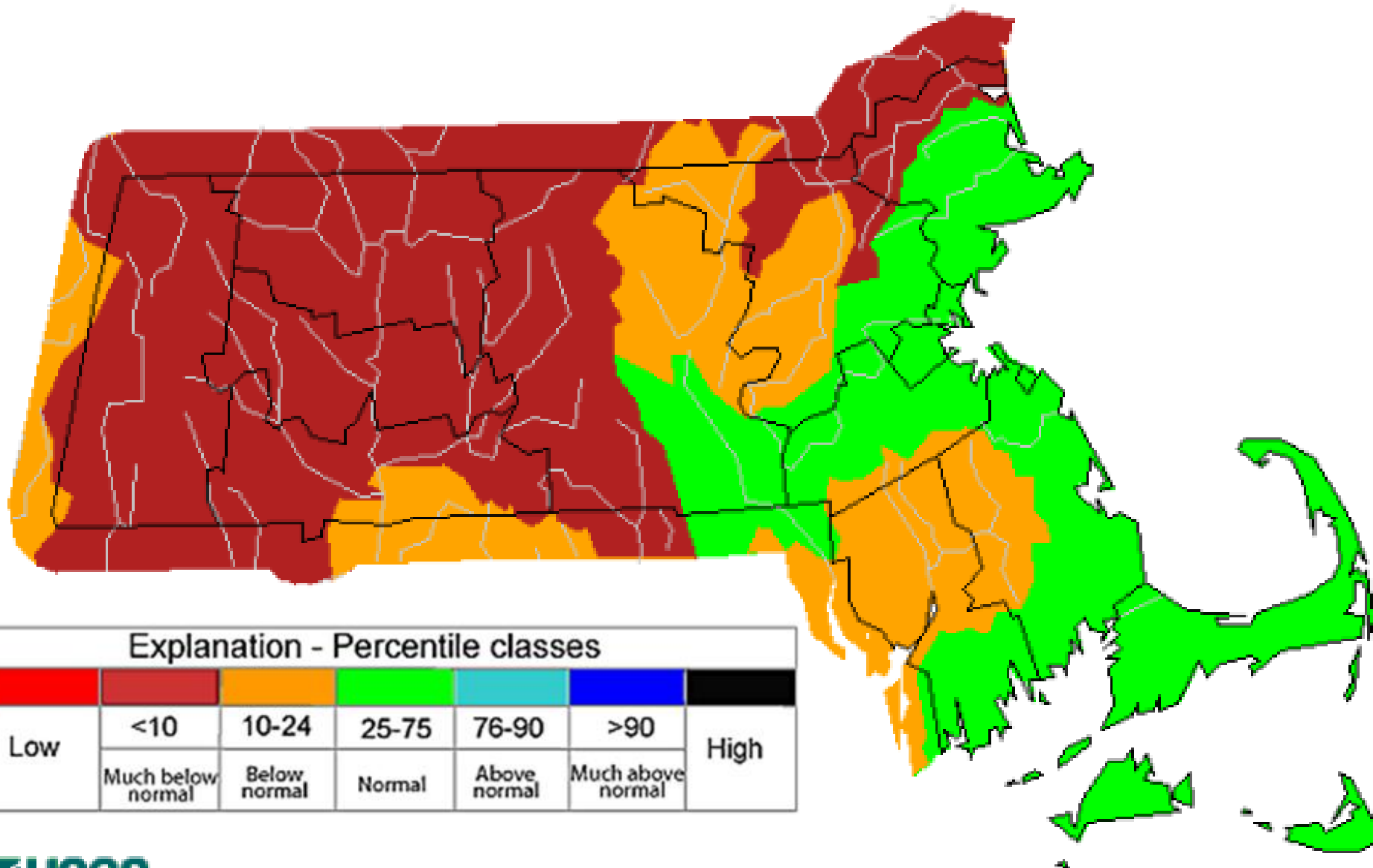


Explanation - Percentile classes

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

Average Streamflow Conditions – June 2020

June 2020

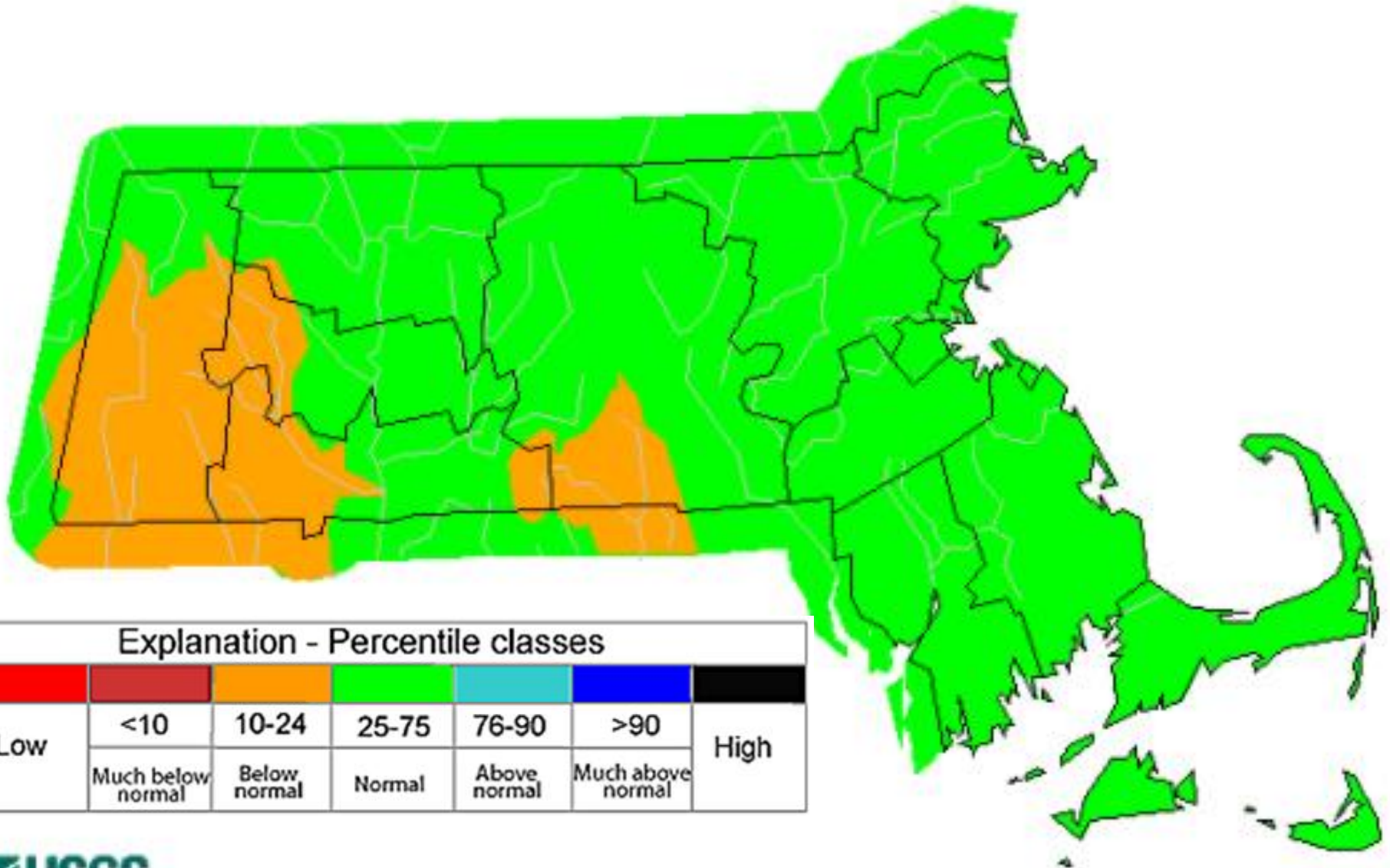


Explanation - Percentile classes

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

Average Streamflow Conditions – July 2020

July 2020

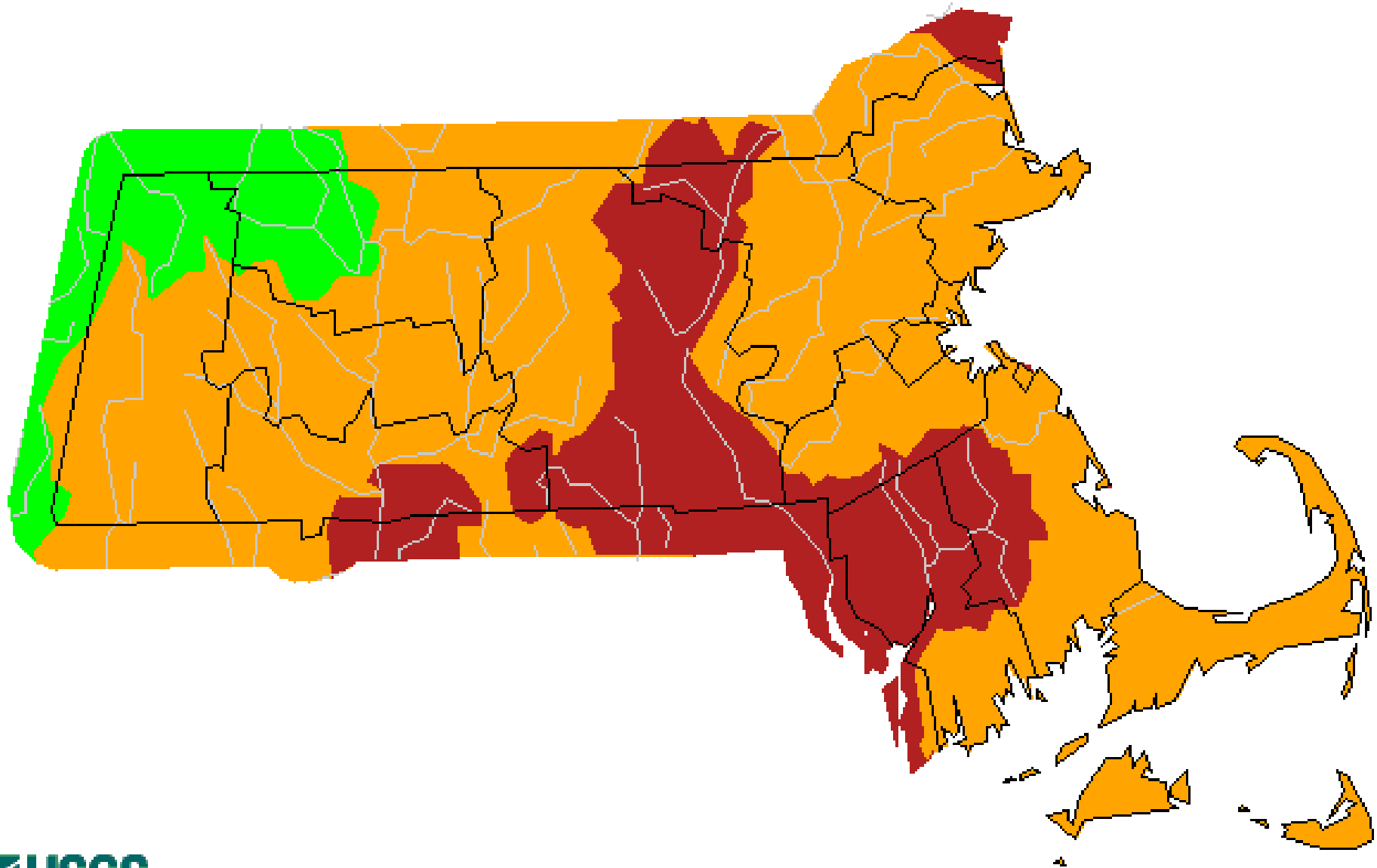


Explanation - Percentile classes

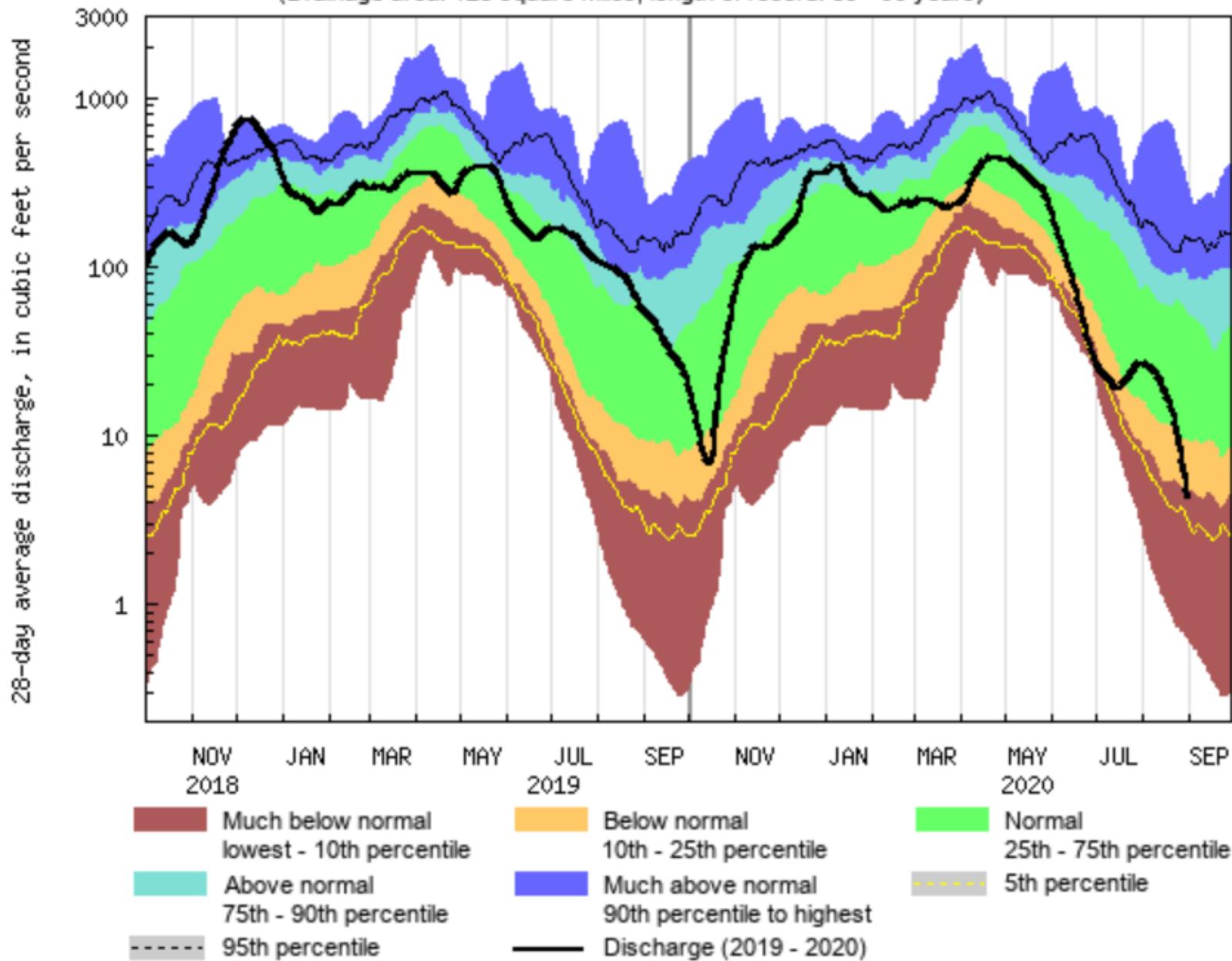
Low	<10	10-24	25-75	76-90	>90	High	
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Average Streamflow Conditions – August 2020

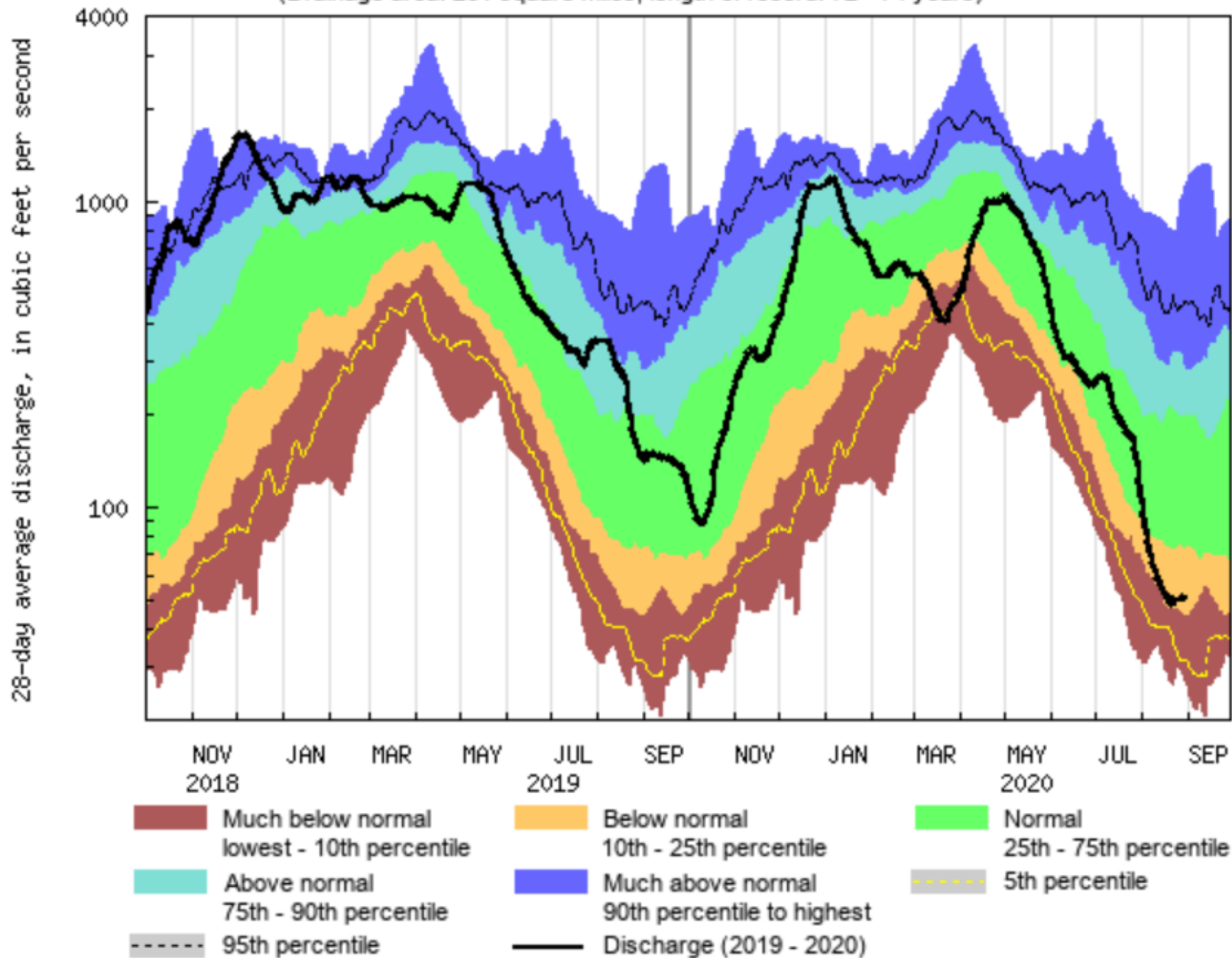
August 2020



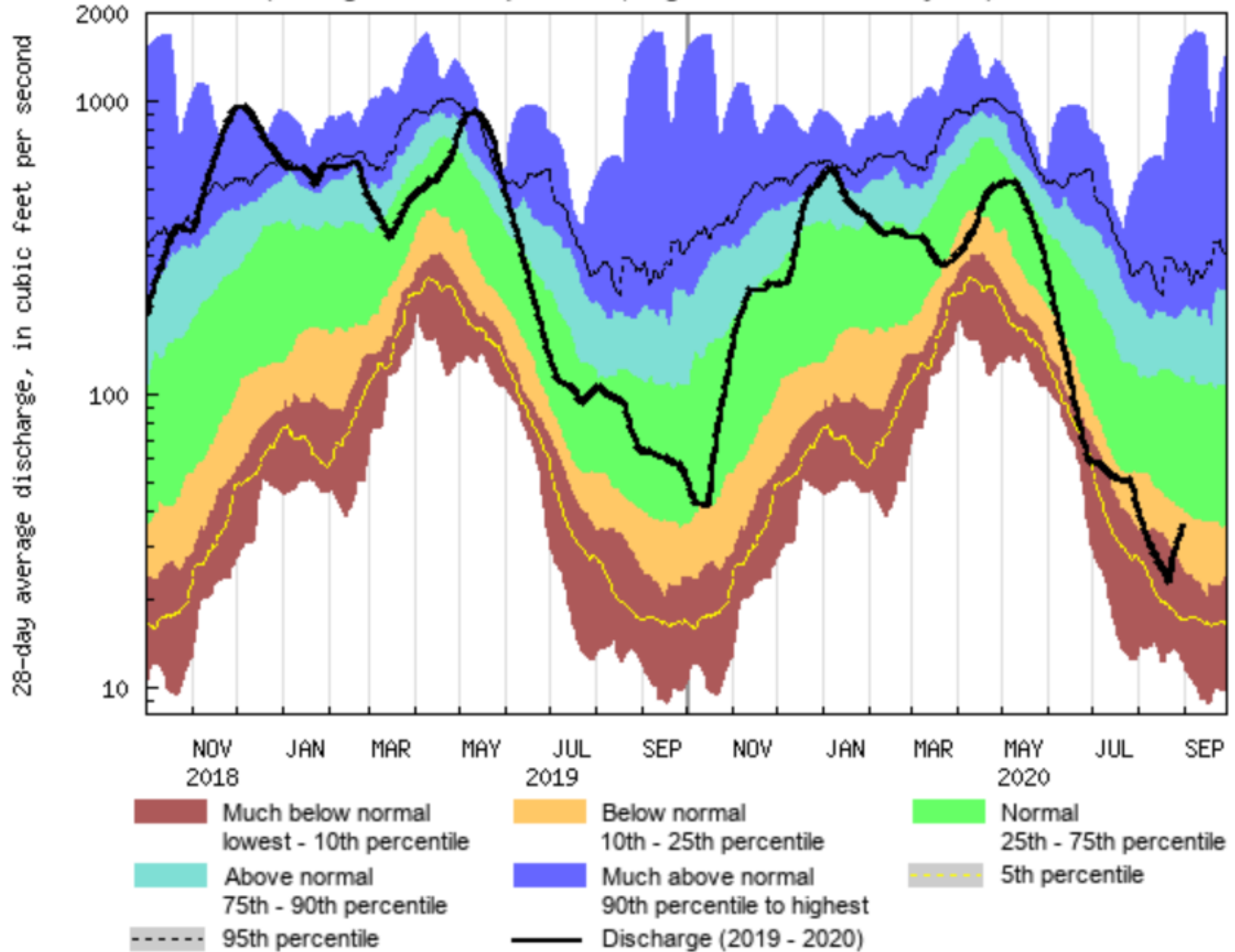
USGS 01102000 IPSWICH RIVER NEAR IPSWICH, MA
 (Drainage area: 125 square miles, length of record: 89 - 90 years)



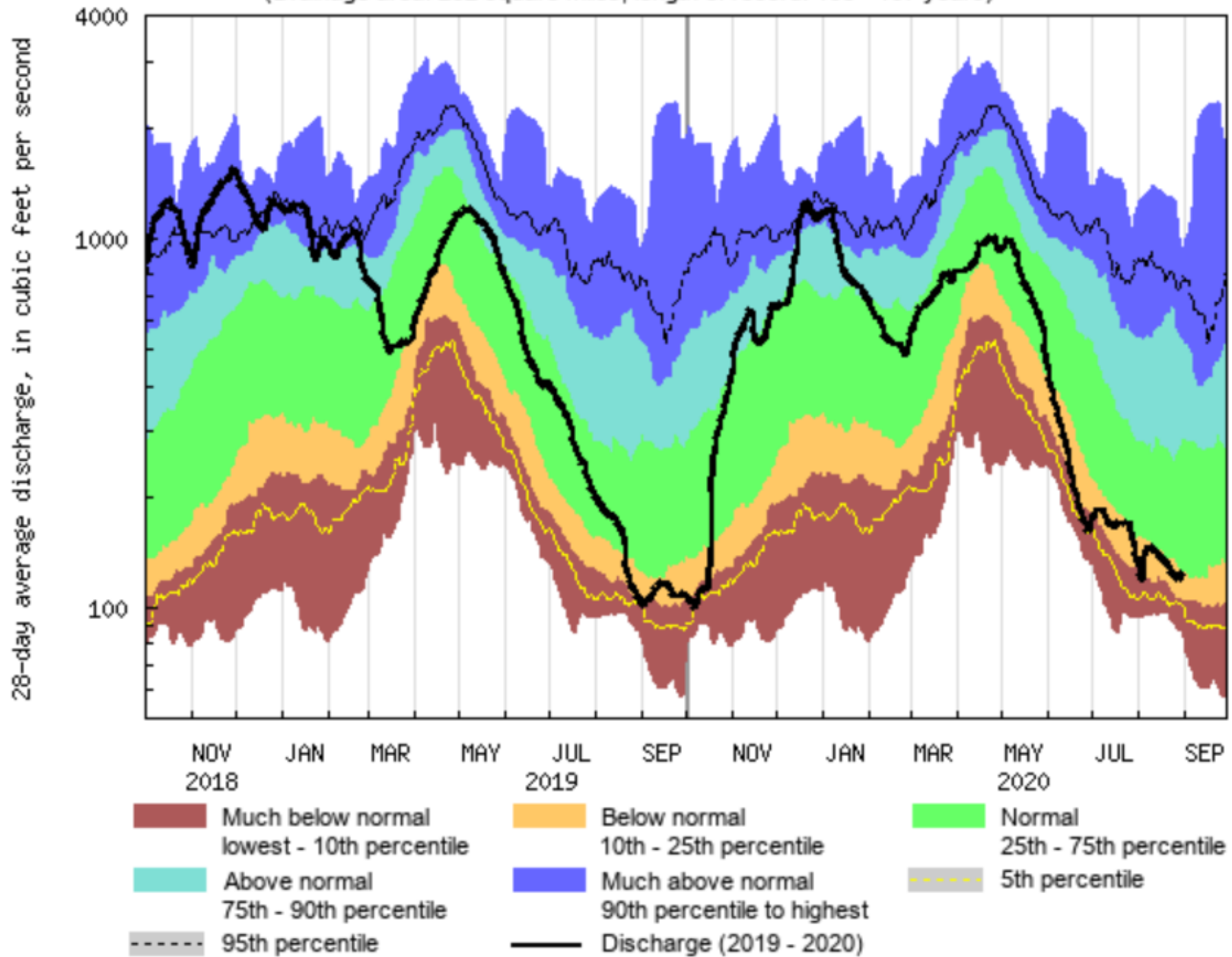
USGS 01108000 TAUNTON RIVER NEAR BRIDGEWATER, MA
 (Drainage area: 261 square miles, length of record: 72 - 74 years)



USGS 01176000 QUABOAG RIVER AT WEST BRIMFIELD, MA
 (Drainage area: 150 square miles, length of record: 107 - 108 years)

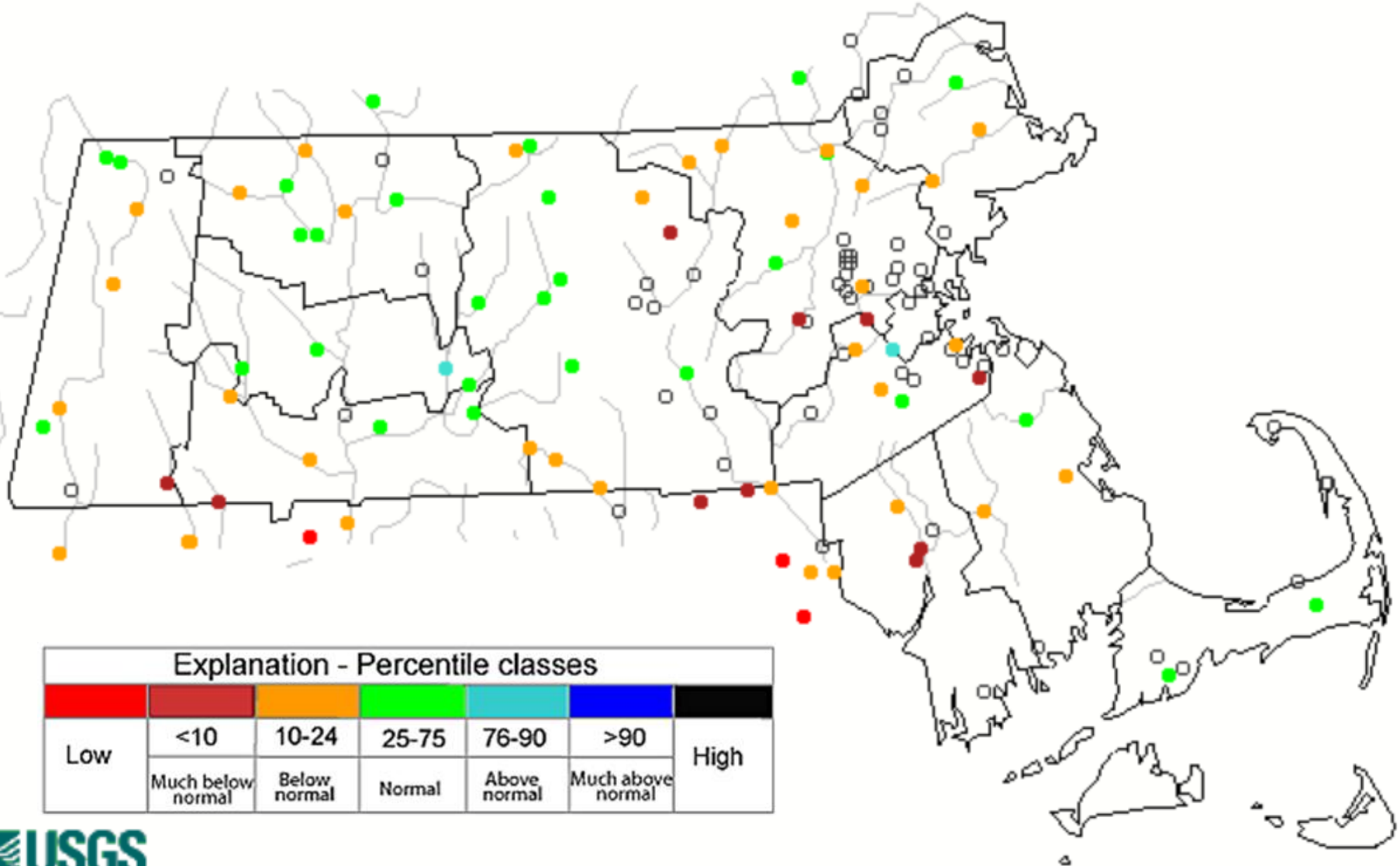


USGS 01197500 HOUSATONIC RIVER NEAR GREAT BARRINGTON, MA
 (Drainage area: 282 square miles, length of record: 106 - 107 years)

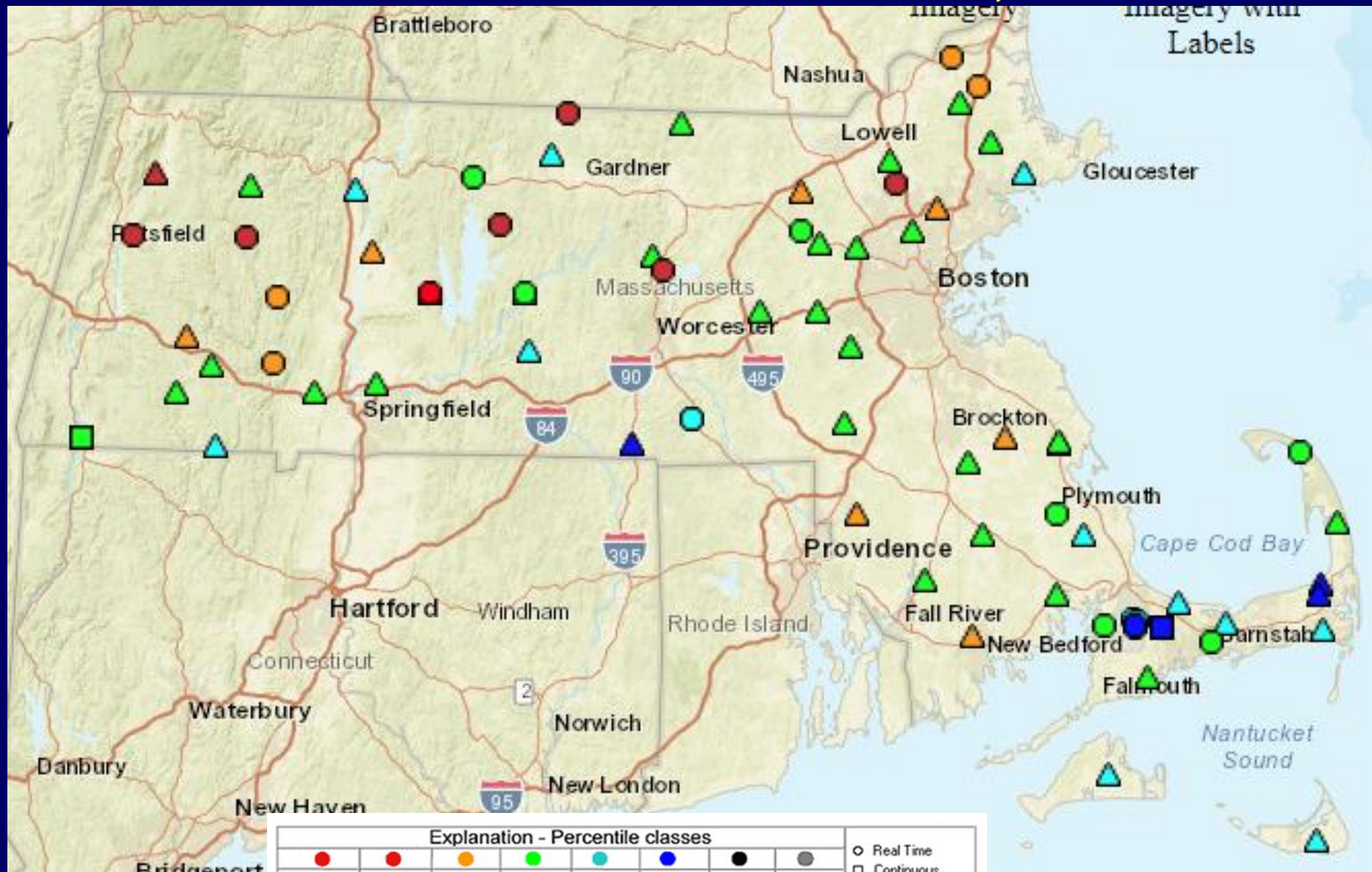


Streamflow Conditions – Sept. 1, 2020

Tuesday, September 01, 2020 08:30ET

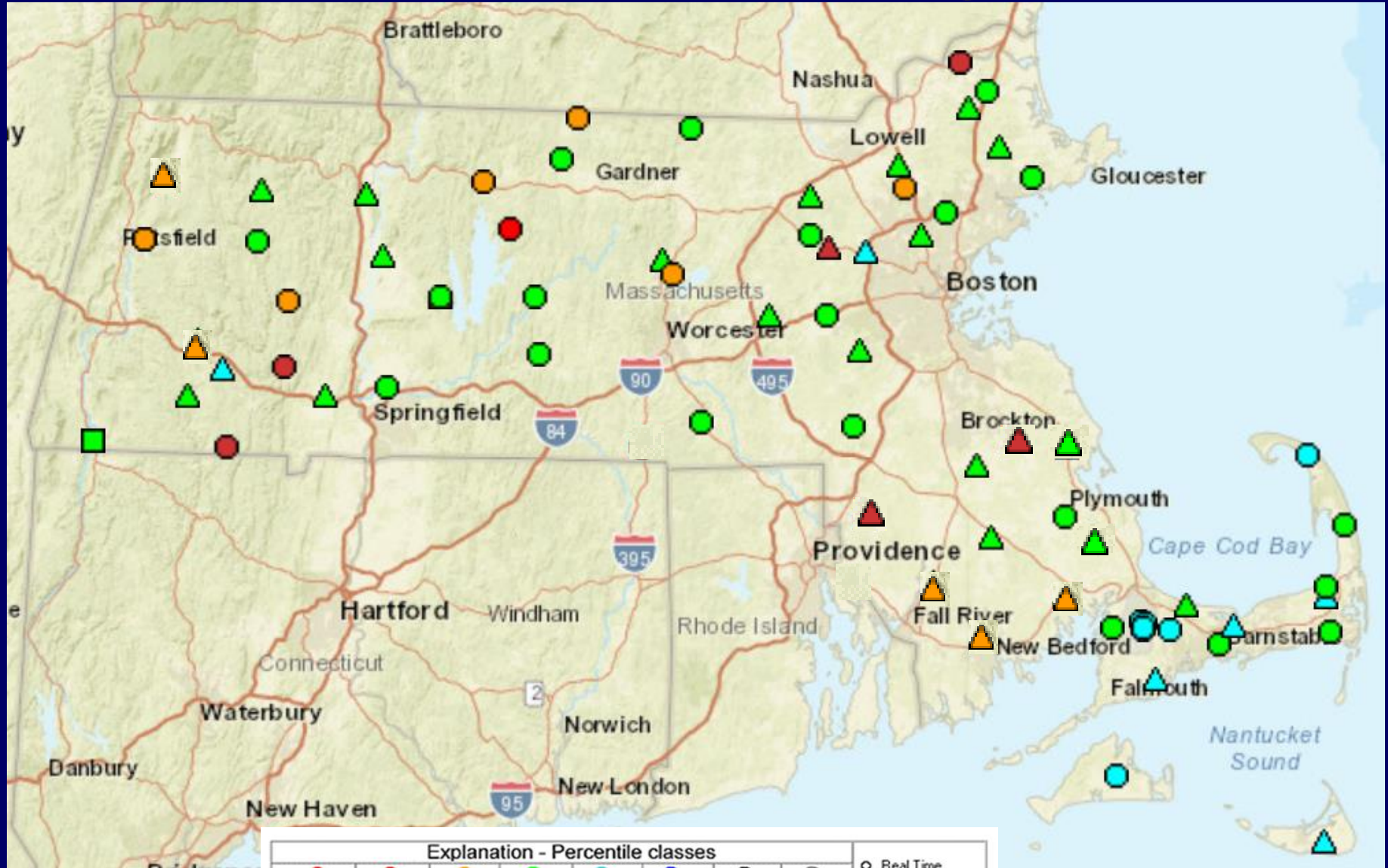


GW Conditions Late June, 2020



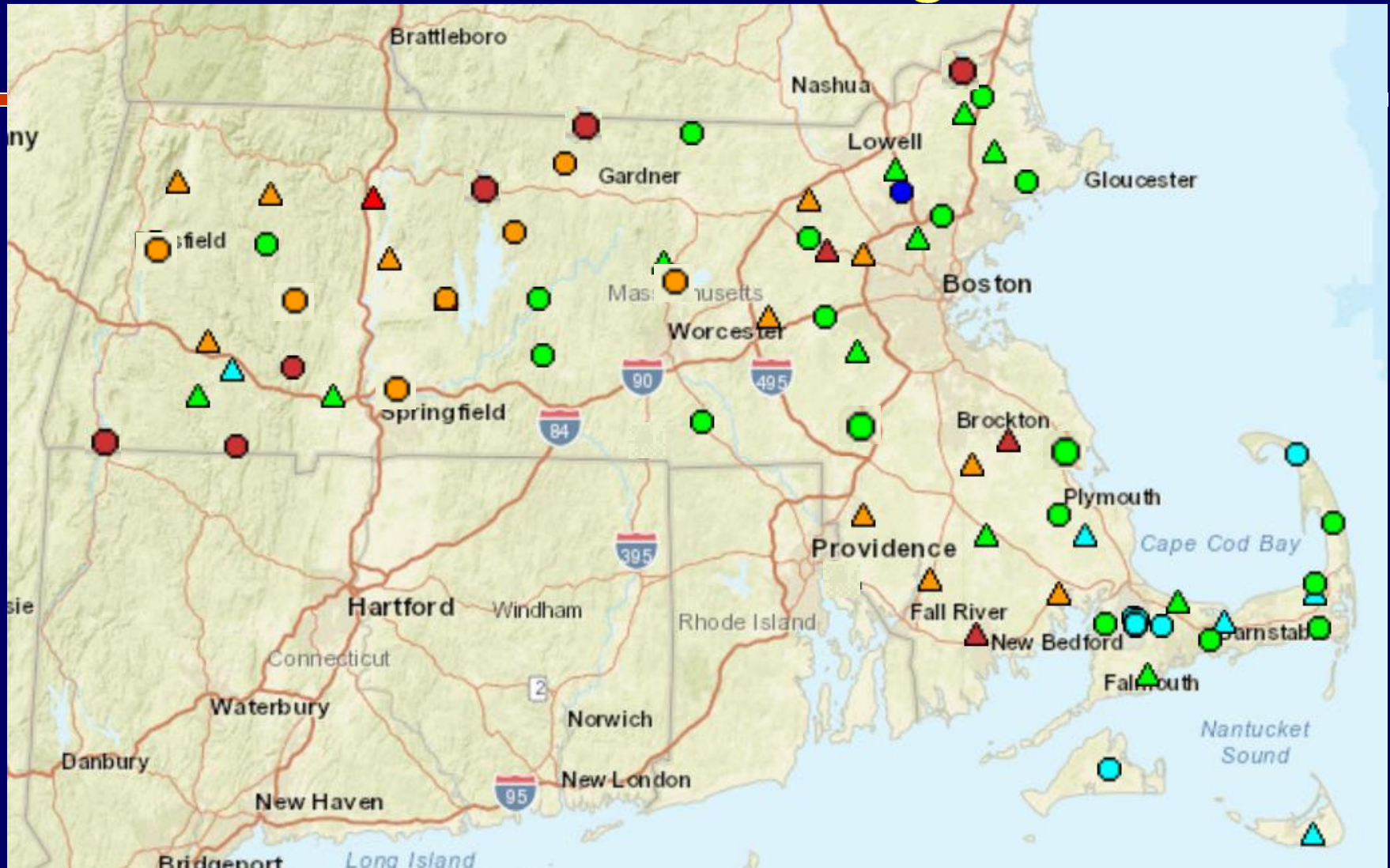
Explanation - Percentile classes									
●	●	●	●	●	●	●	●	○ Real Time	
New Low	<10	10-24	25-75	76-90	>90	New High	Not Ranked	□ Continuous	
	Much Below Normal	Below Normal	Normal	Above Normal	Much Above Normal			△ Periodic Measurements	

GW Conditions Late July, 2020



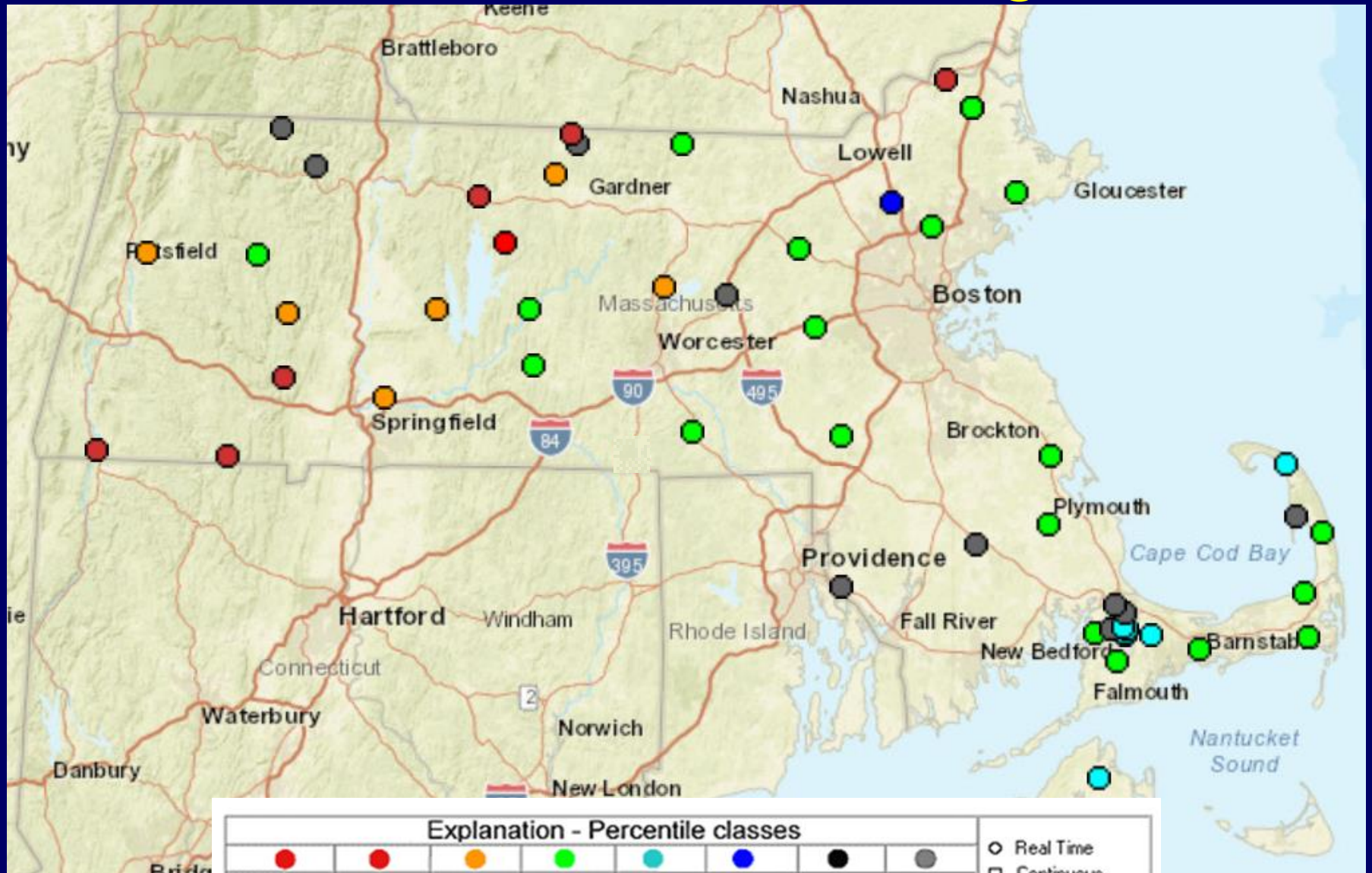
Explanation - Percentile classes								
●	●	●	●	●	●	●	●	○ Real Time
New Low	<10	10-24	25-75	76-90	>90	New High	Not Ranked	□ Continuous
	Much Below Normal	Below Normal	Normal	Above Normal	Much Above Normal			△ Periodic Measurements

GW Conditions Late August, 2020

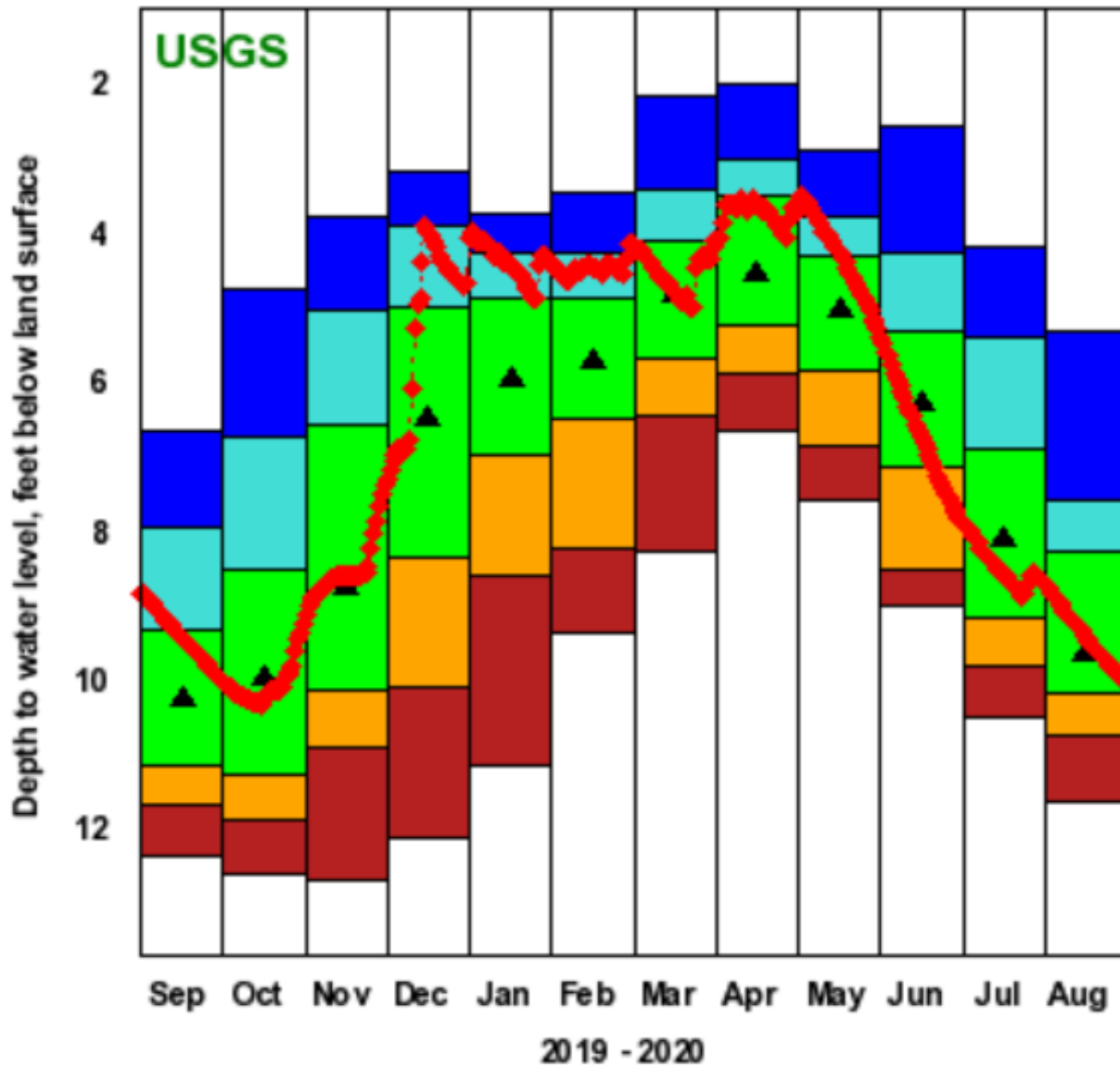


Explanation - Percentile classes								
●	●	●	●	●	●	●	○	□
New Low	<10	10-24	25-75	76-90	>90	New High	Not Ranked	Real Time
	Much Below Normal	Below Normal	Normal	Above Normal	Much Above Normal			Continuous
								Periodic Measurements

Groundwater Conditions – Aug. 31, 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			



Plot created 08/31/20 19:14

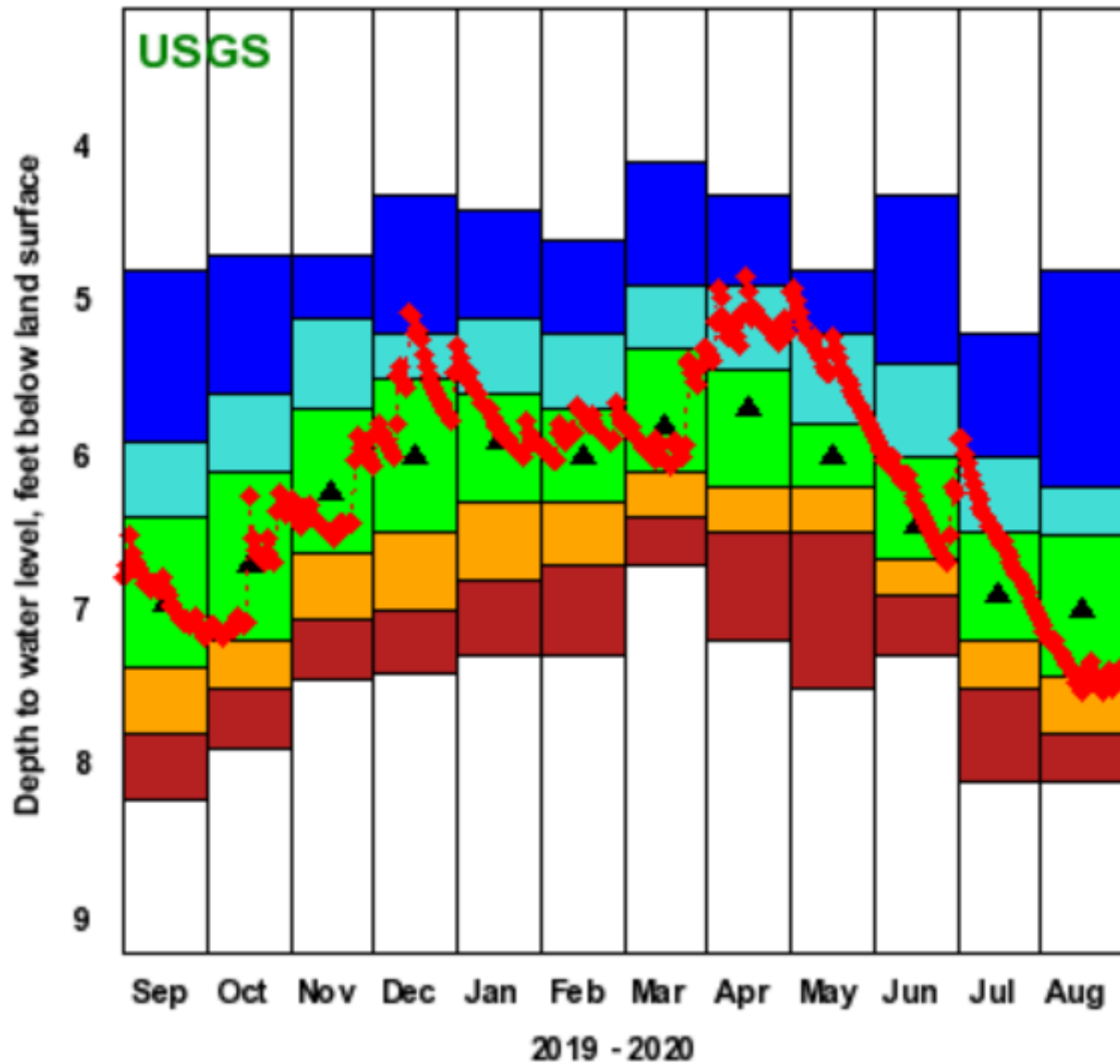
Explanation - Percentile Classes

◆ Data Point

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

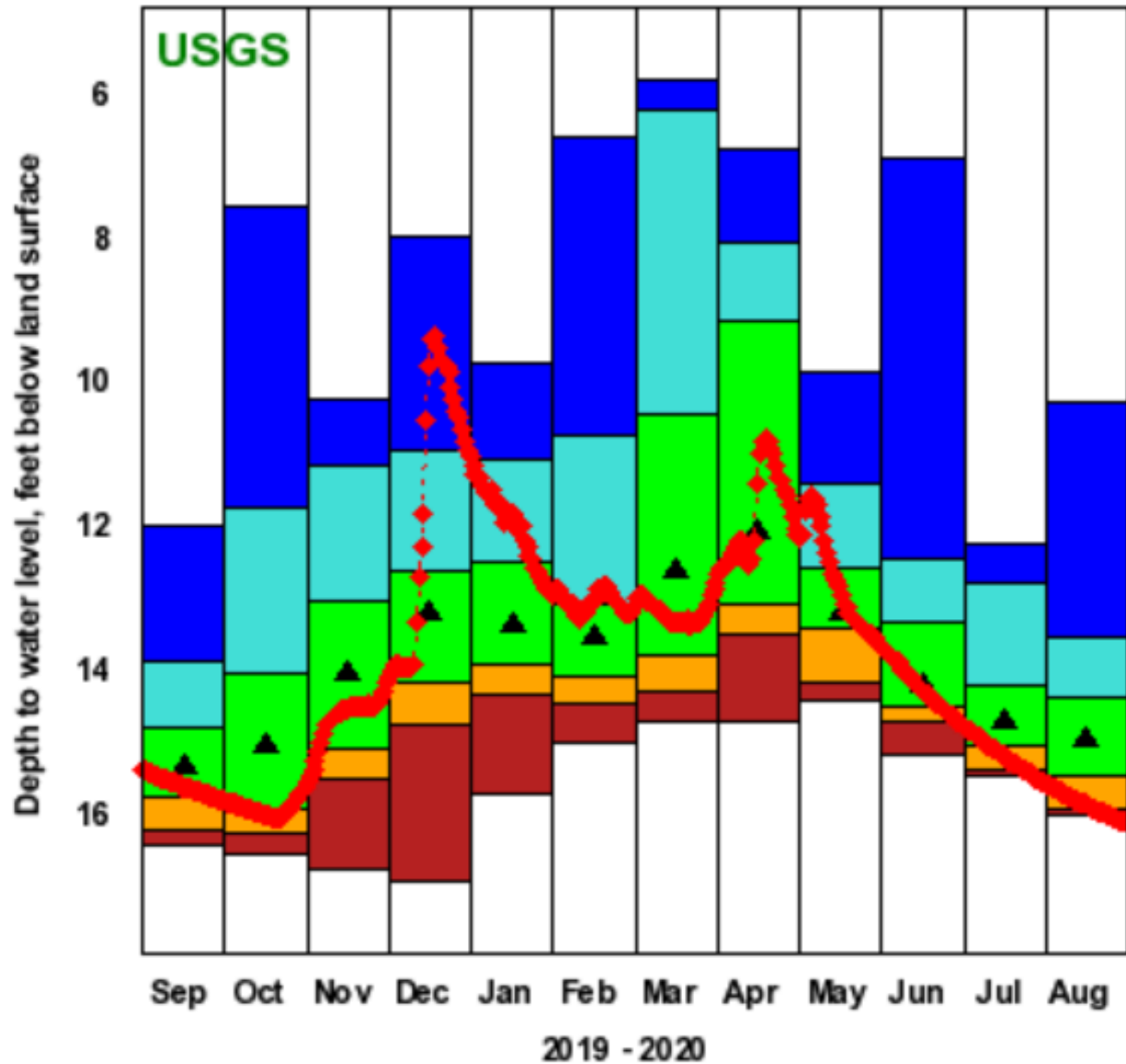
▲ Monthly Median

42054407 117 3701 - MA-NNW 27R NORFOLK, MA



Explanation - Percentile Classes

- ◆ Data Point
- <10
- 10 - 24
- 25 - 75
- 76 - 90
- >90
- ▲ Monthly Median



Pbt created 08/31/20 19:14

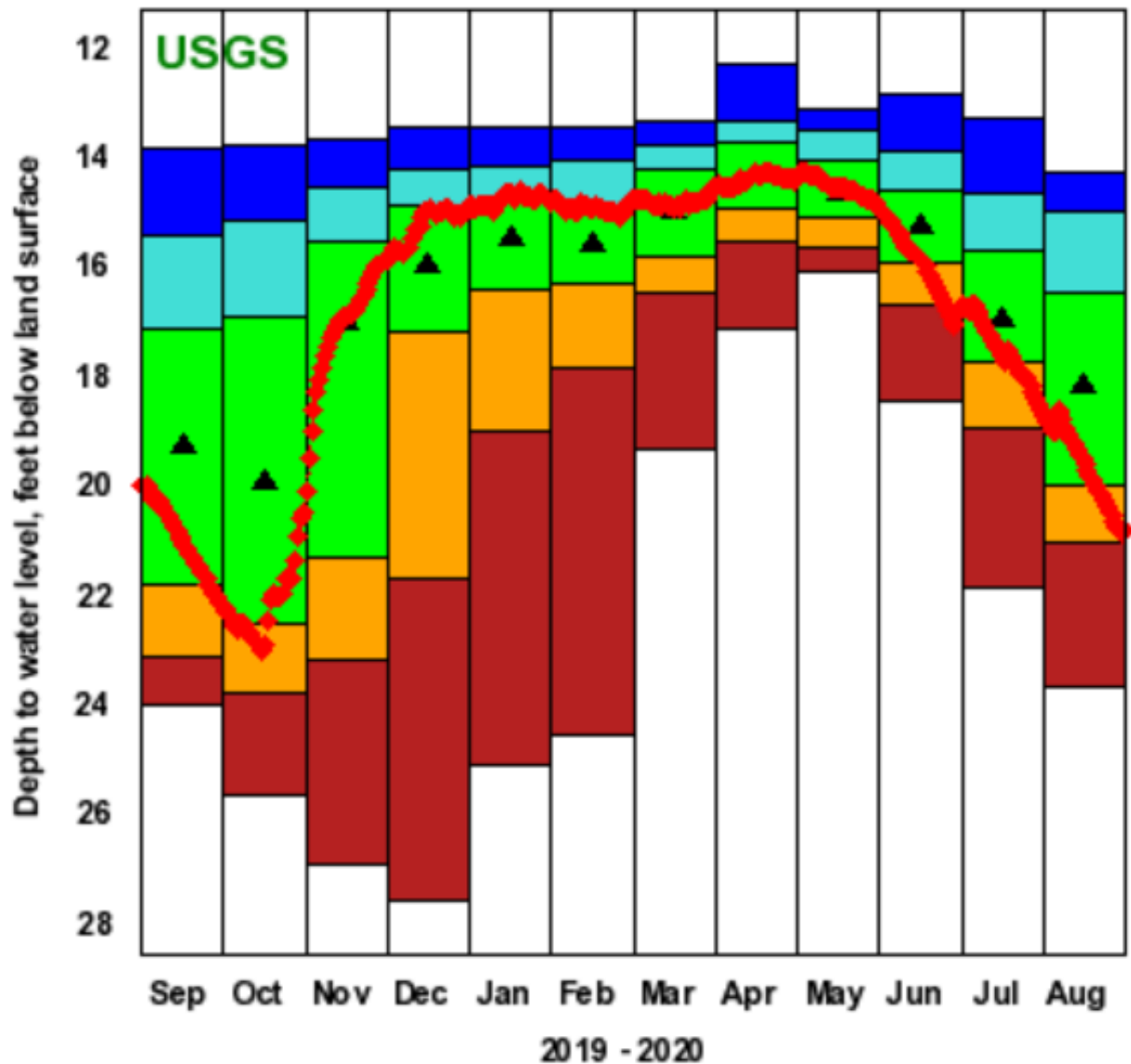
Explanation - Percentile Classes

◆ Data Point

● <10 ● 10-24 ● 25-75 ● 76-90 ● >90

▲ Monthly Median

422745073112001 - MA-PTW 51 PITTSFIELD, MA



Plot created 08/31/20 19:14

Explanation - Percentile Classes



Questions
