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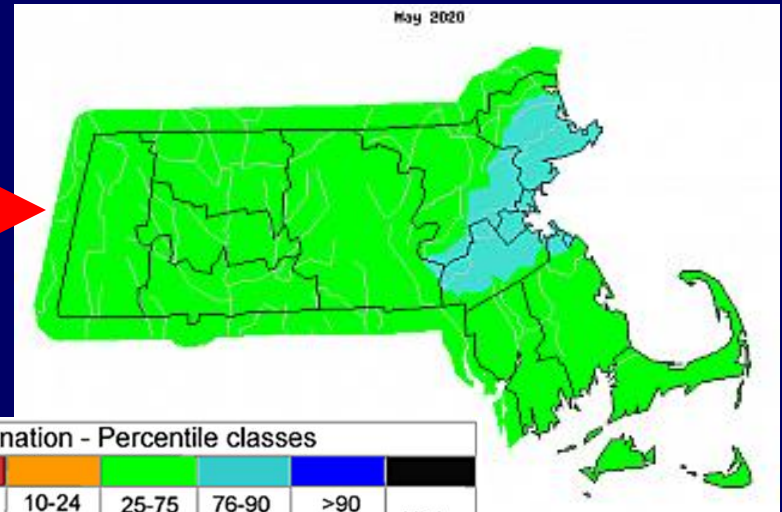
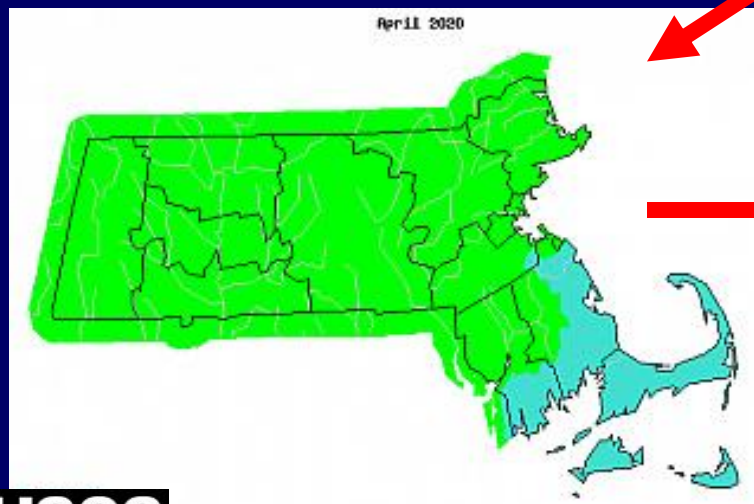
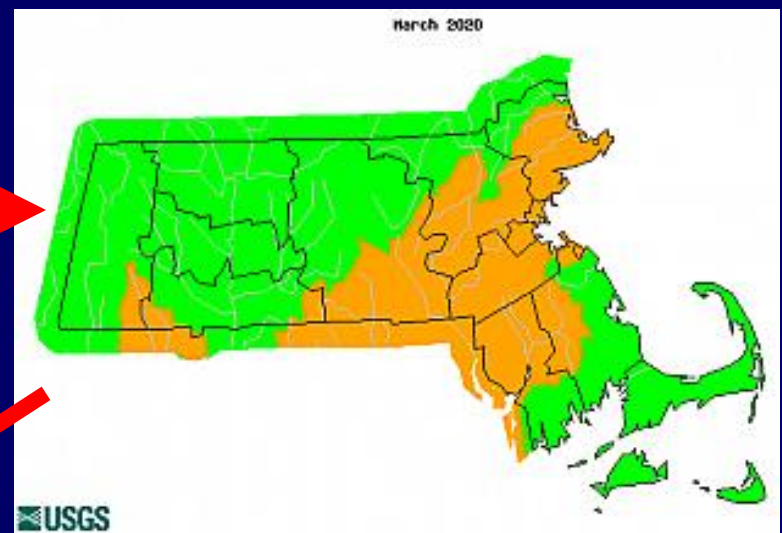
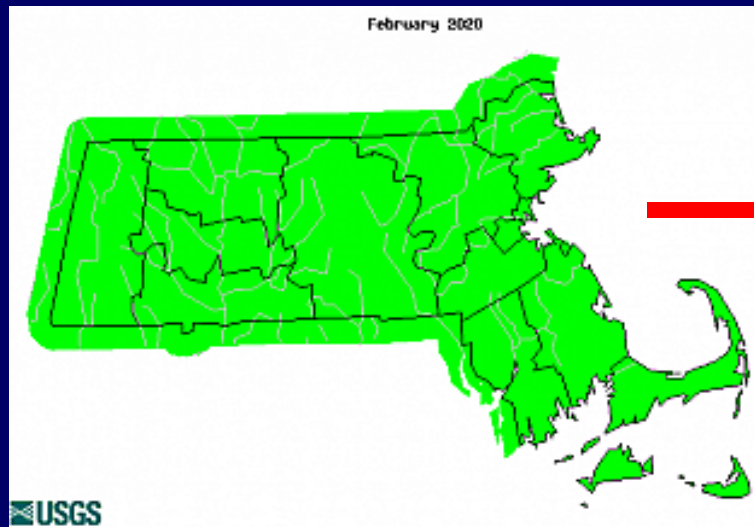
# Streamflow and Groundwater Conditions in Massachusetts

August 5, 2021

R.J. Verdi  
U.S. Geological Survey  
New England Water Science Center

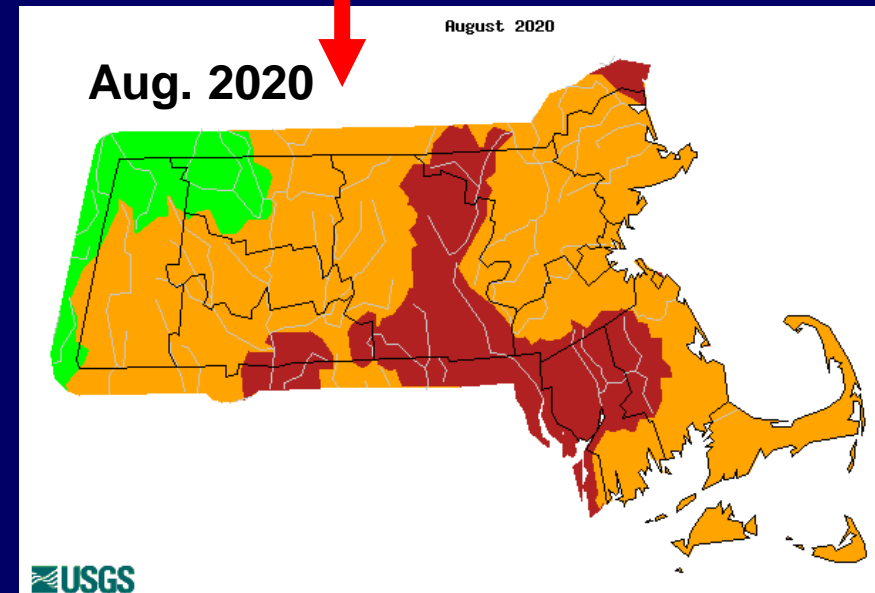
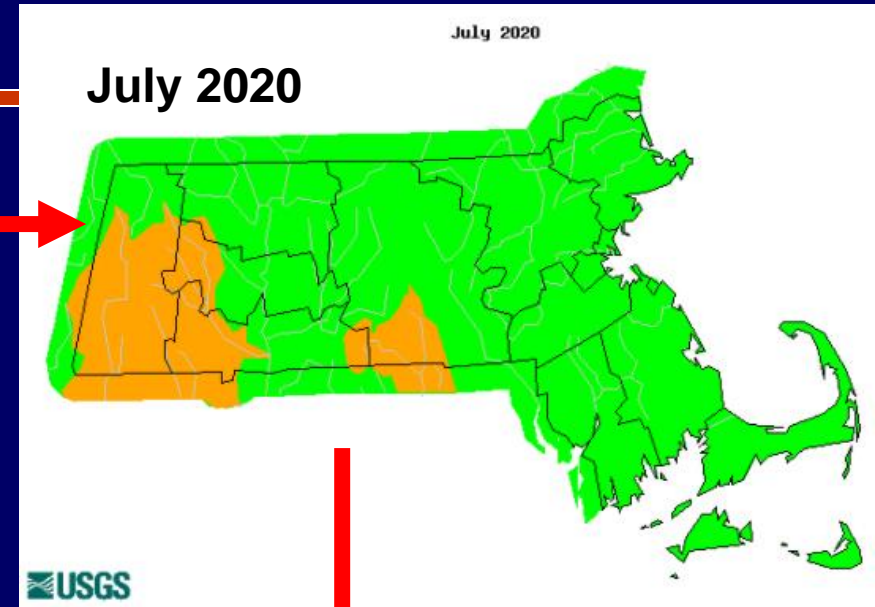
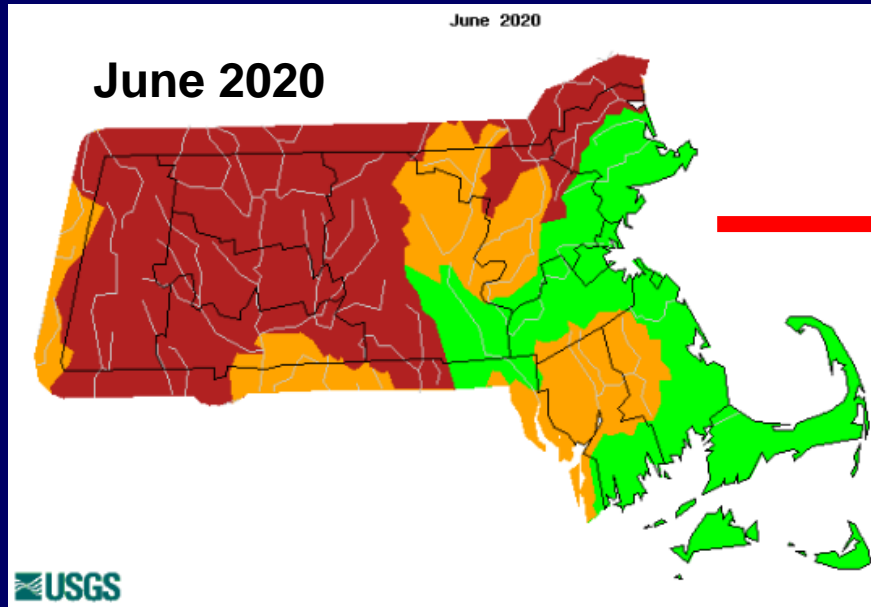


# Average Streamflow Conditions – Feb-May 2020



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-Aug. 2020



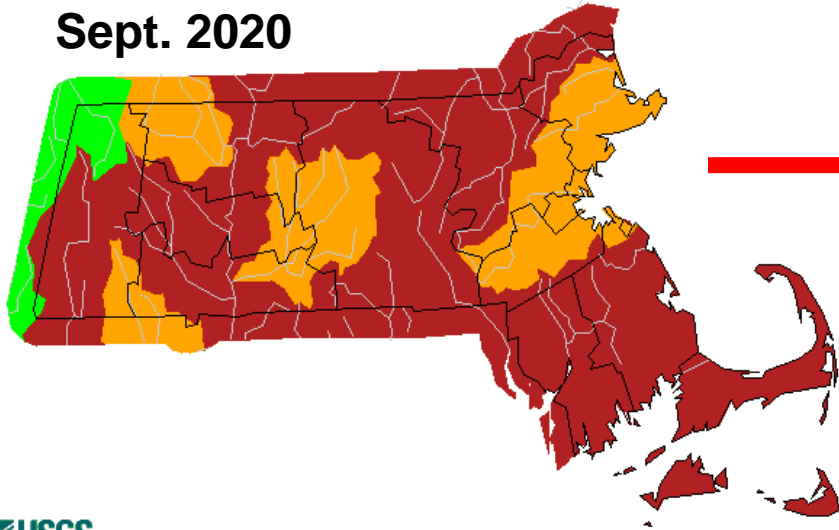
Explanation - Percentile classes

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

# Average Streamflow Conditions – Sept. - Nov. 2020

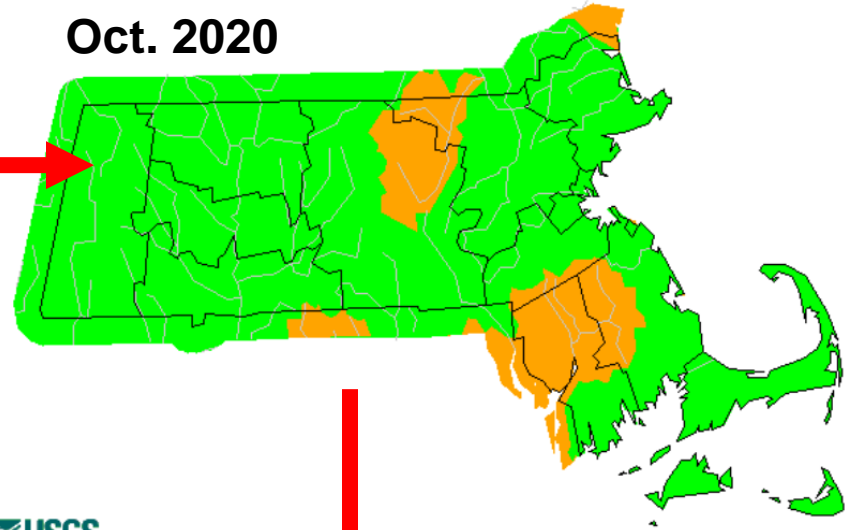
September 2020

Sept. 2020



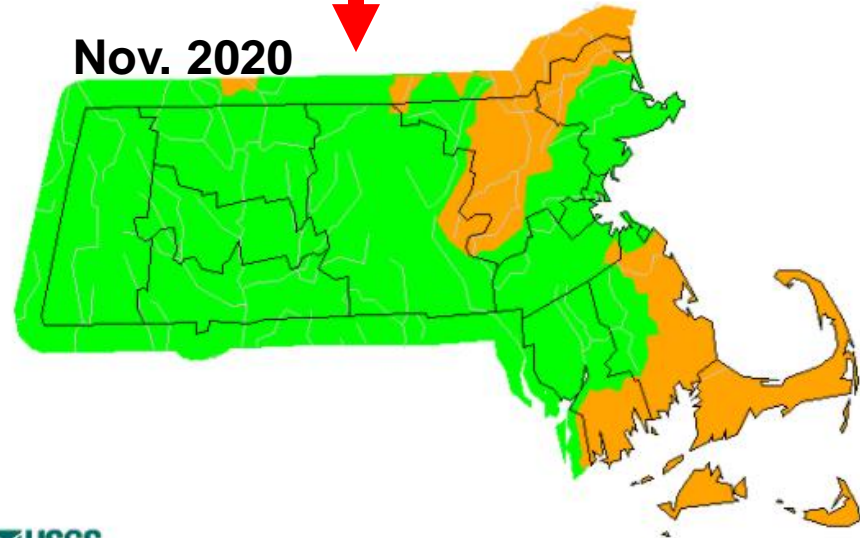
October 2020

Oct. 2020



November 2020

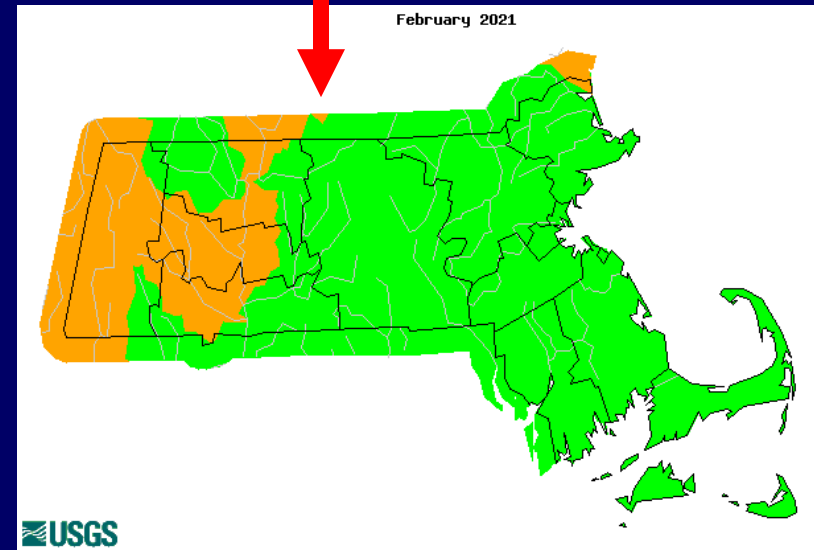
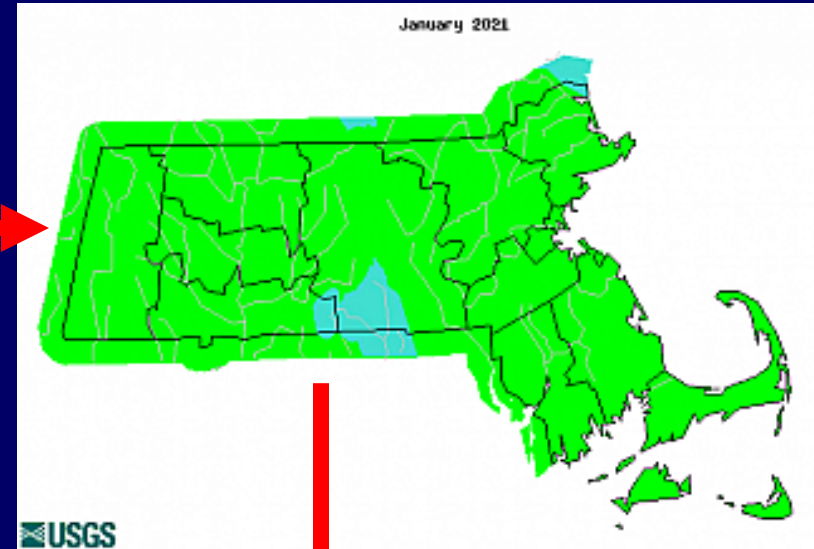
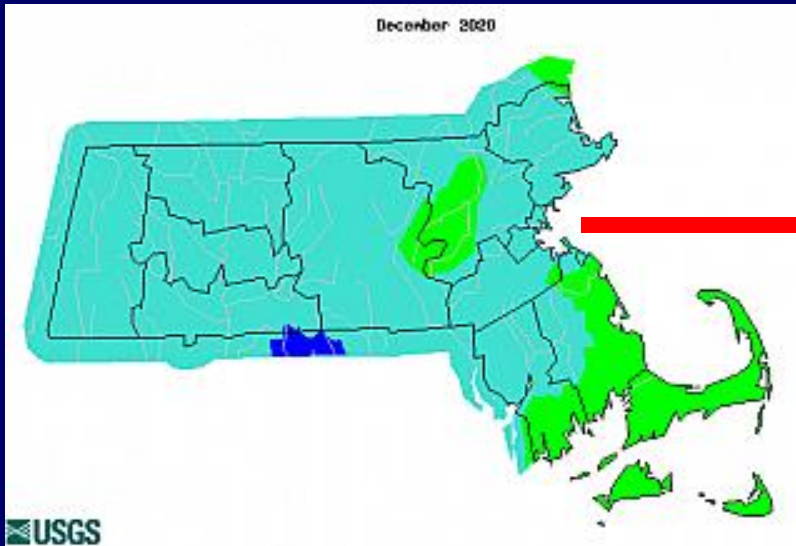
Nov. 2020



Explanation - Percentile classes

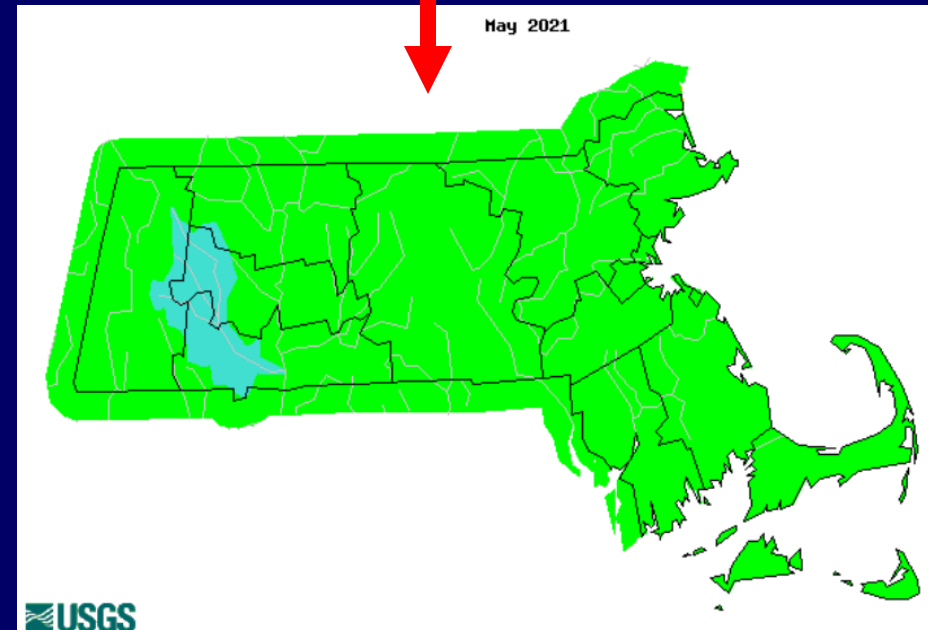
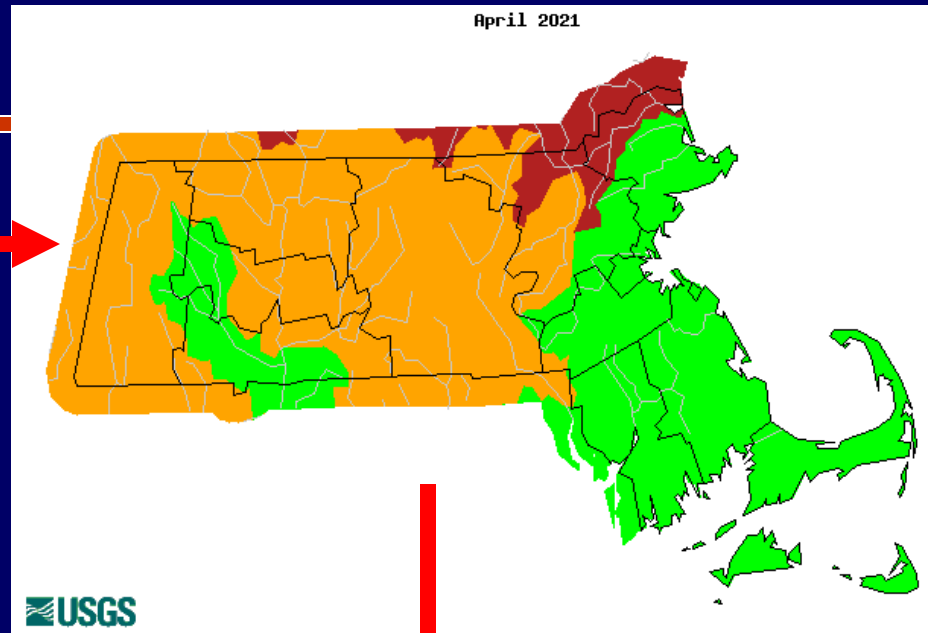
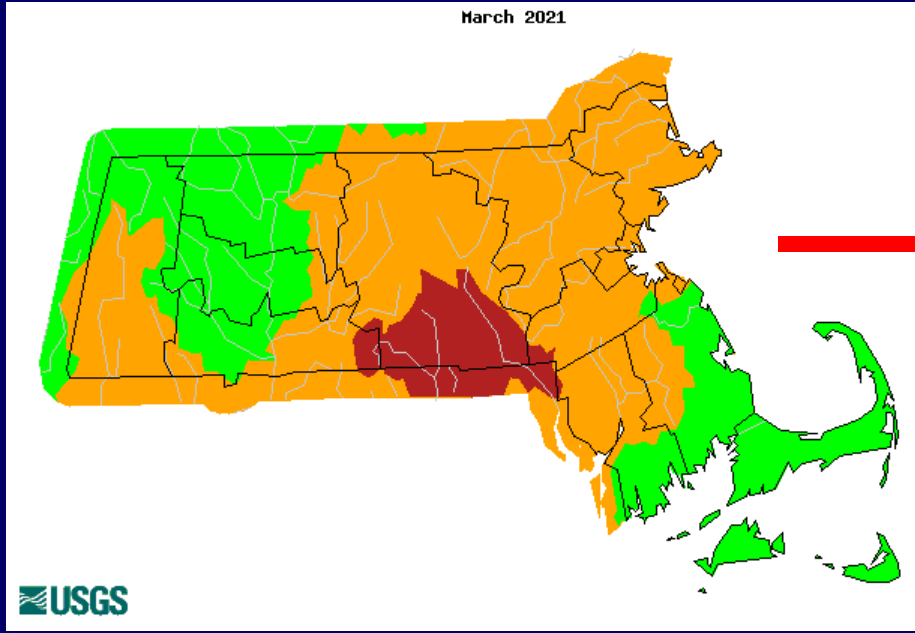
Low	<10	10-24	25-75	76-90	>90			High
	Much below normal	Below normal	Normal	Above normal	Much above normal			

# Average Streamflow Conditions – Dec. 2020 - Feb. 2021


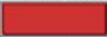





Explanation - Percentile classes						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	

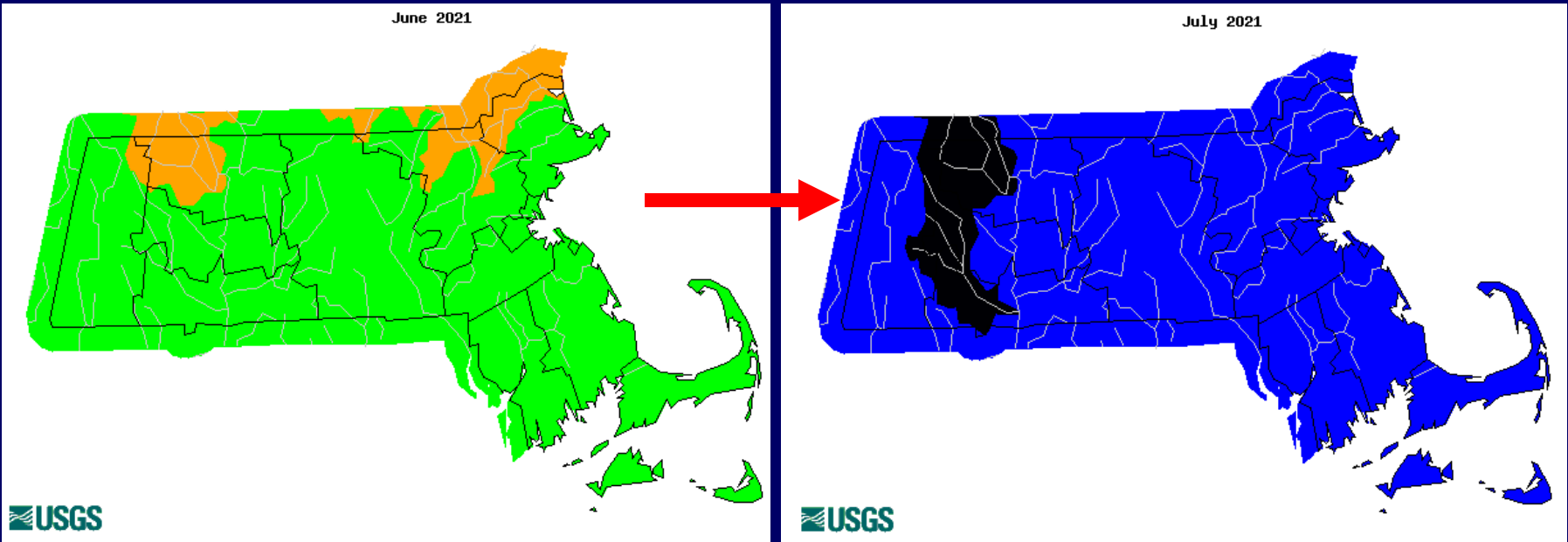
# Average Streamflow Conditions – March-May 2021



Explanation - Percentile classes

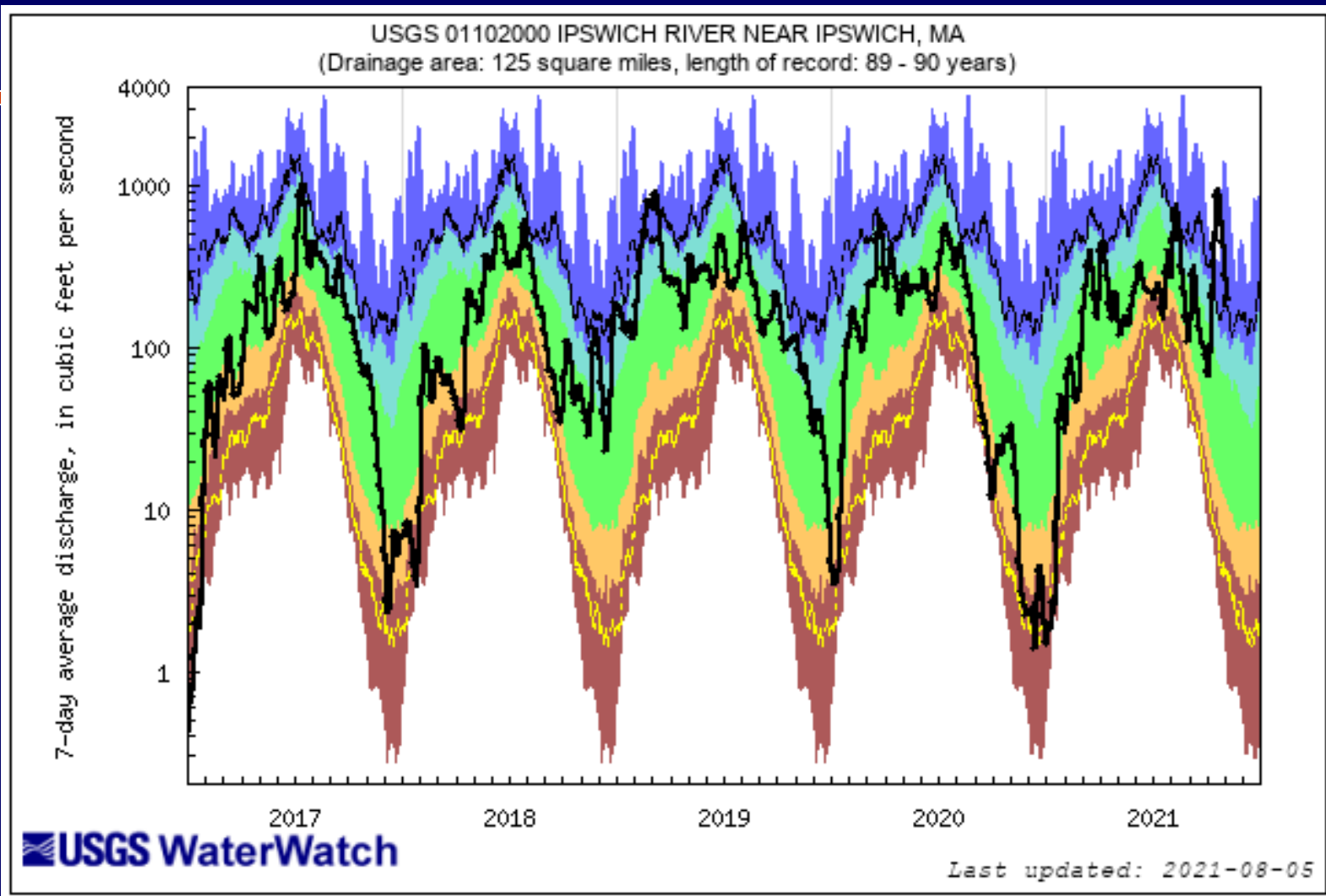
						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	

# Average Streamflow Conditions – June-July 2021



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

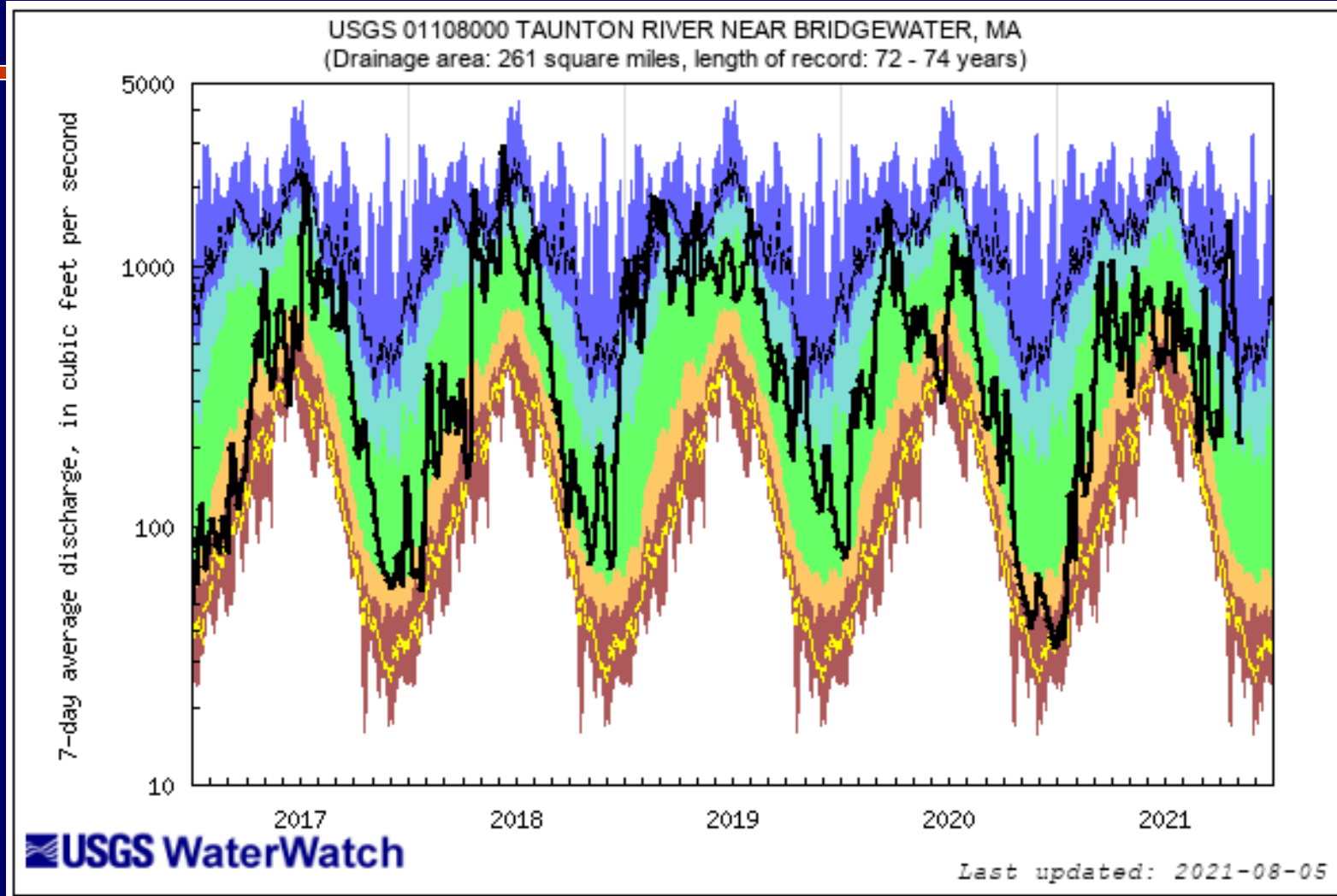
# 7-Day Avg. – Ipswich River – Northeastern MA



Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile-highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow

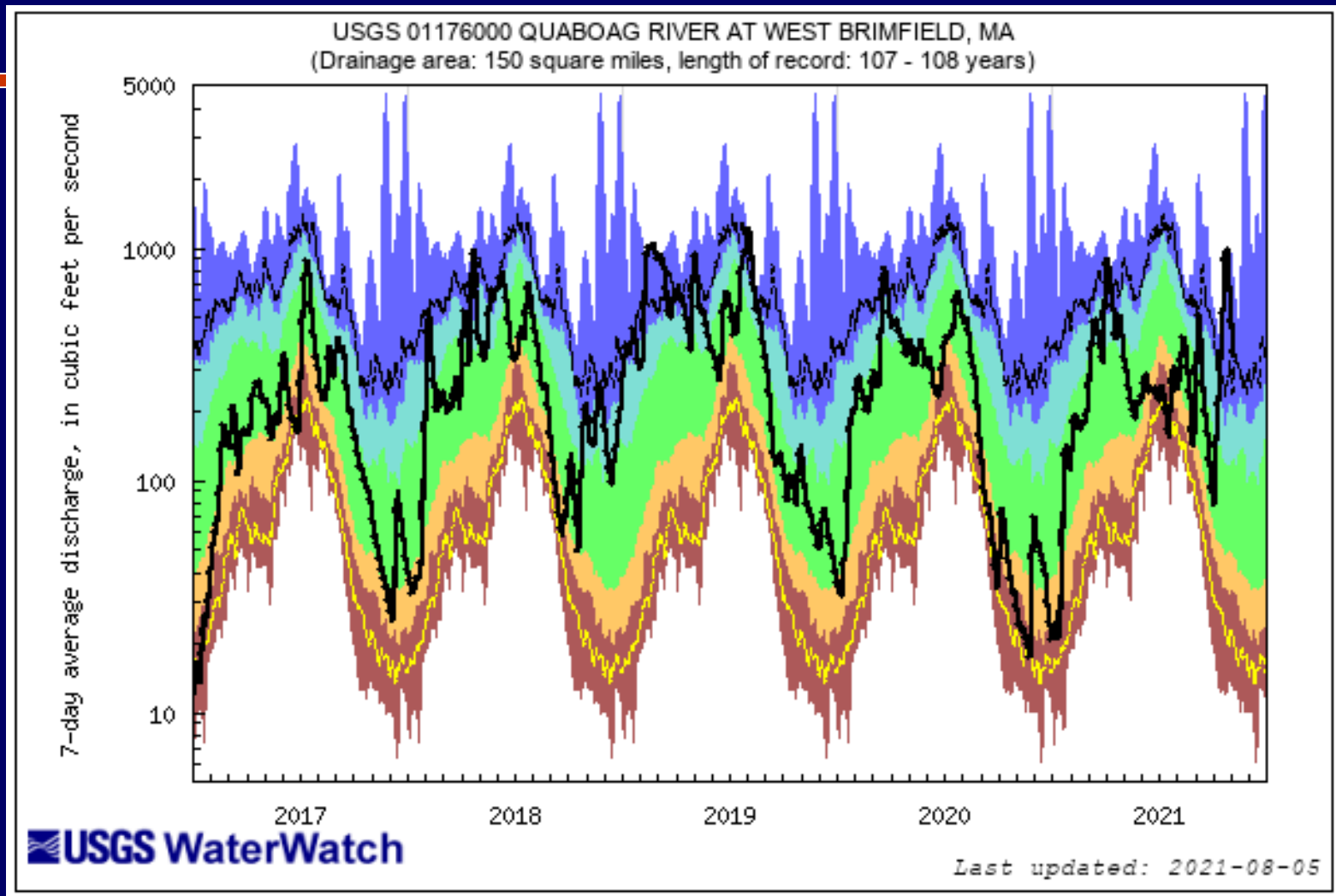


# 7-Day Avg. – Taunton River – Southeastern MA



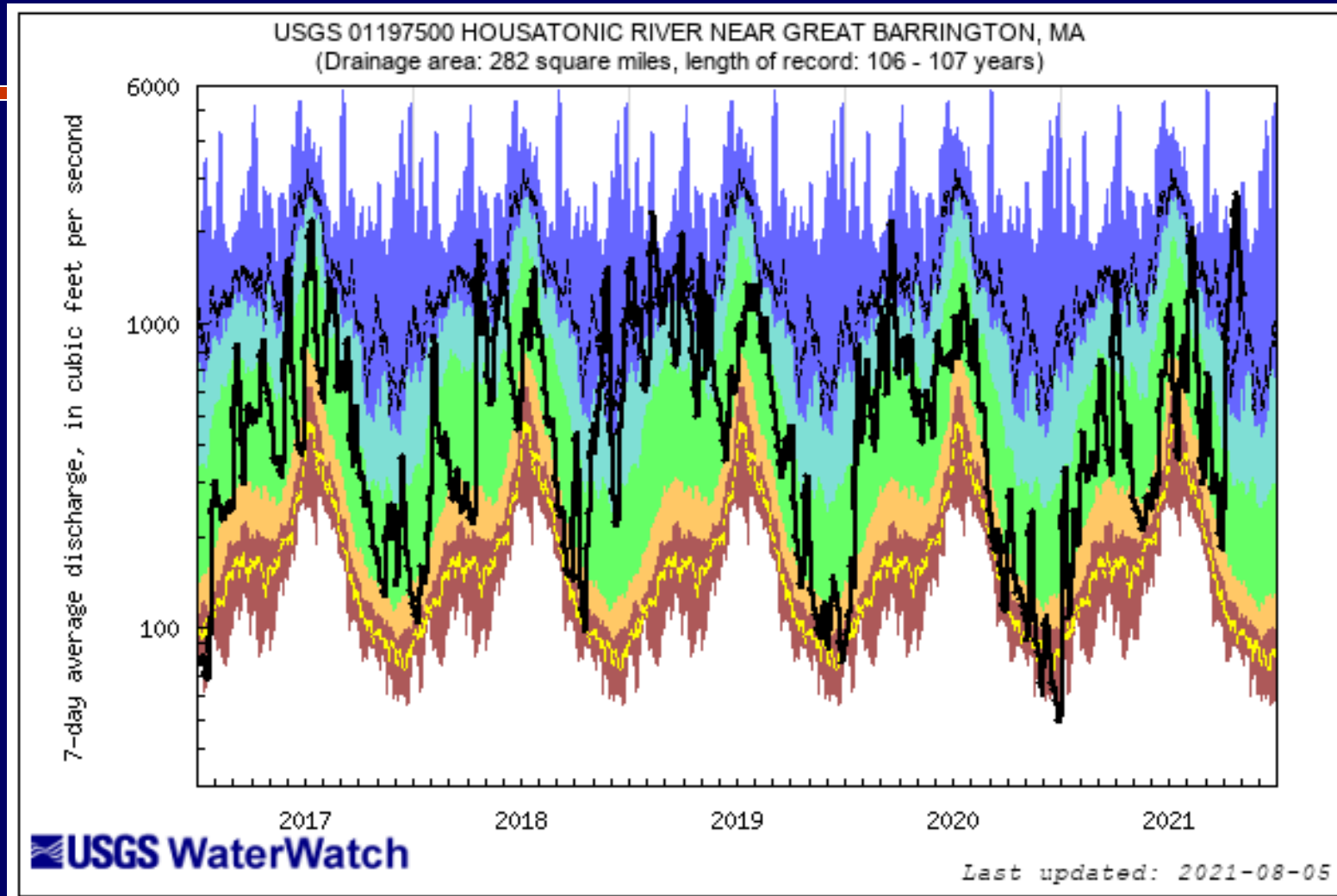
Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow

# 7-Day Avg. – Quaboag River – Central MA



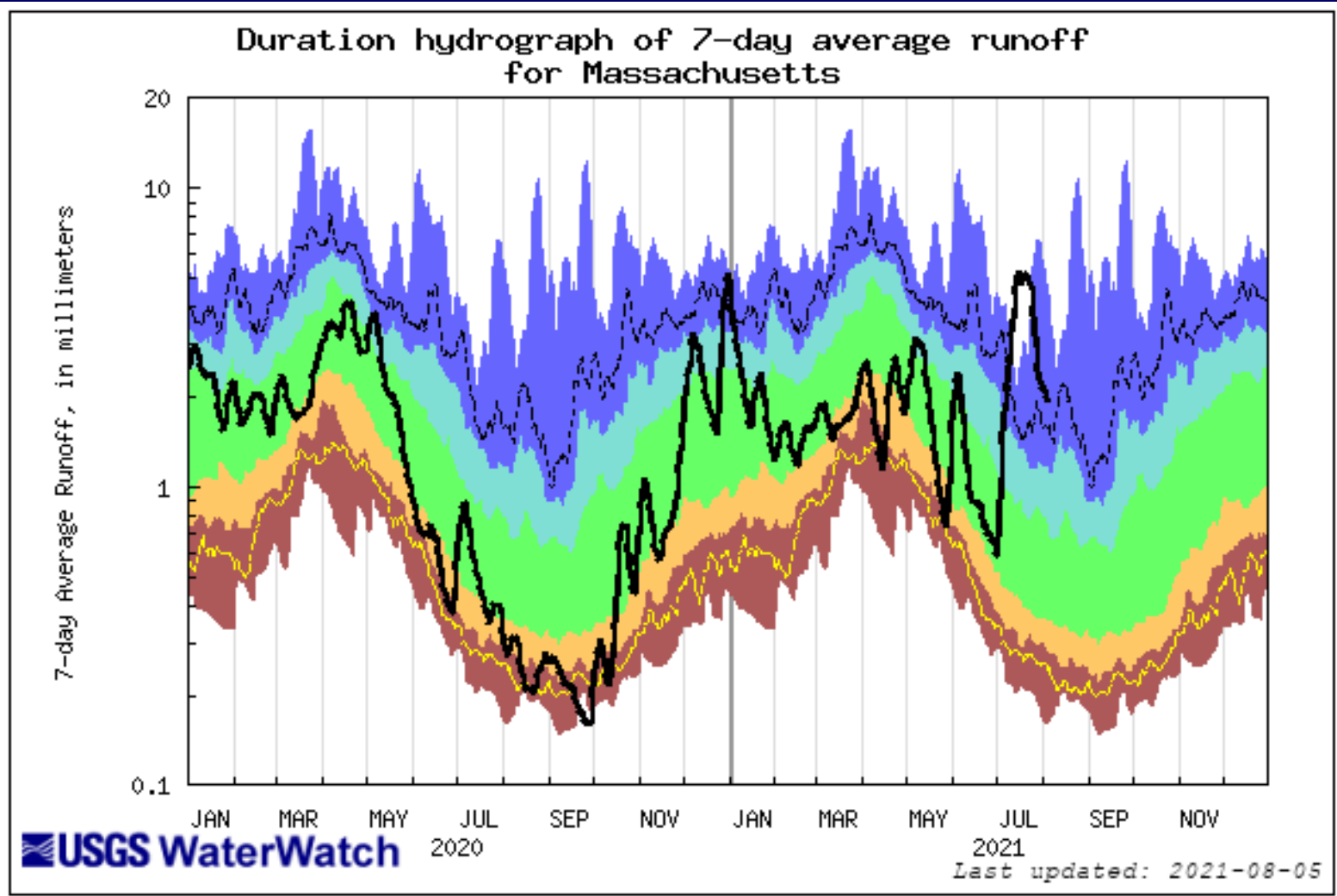
Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow

# 7-Day Avg. – Housatonic River – Western MA



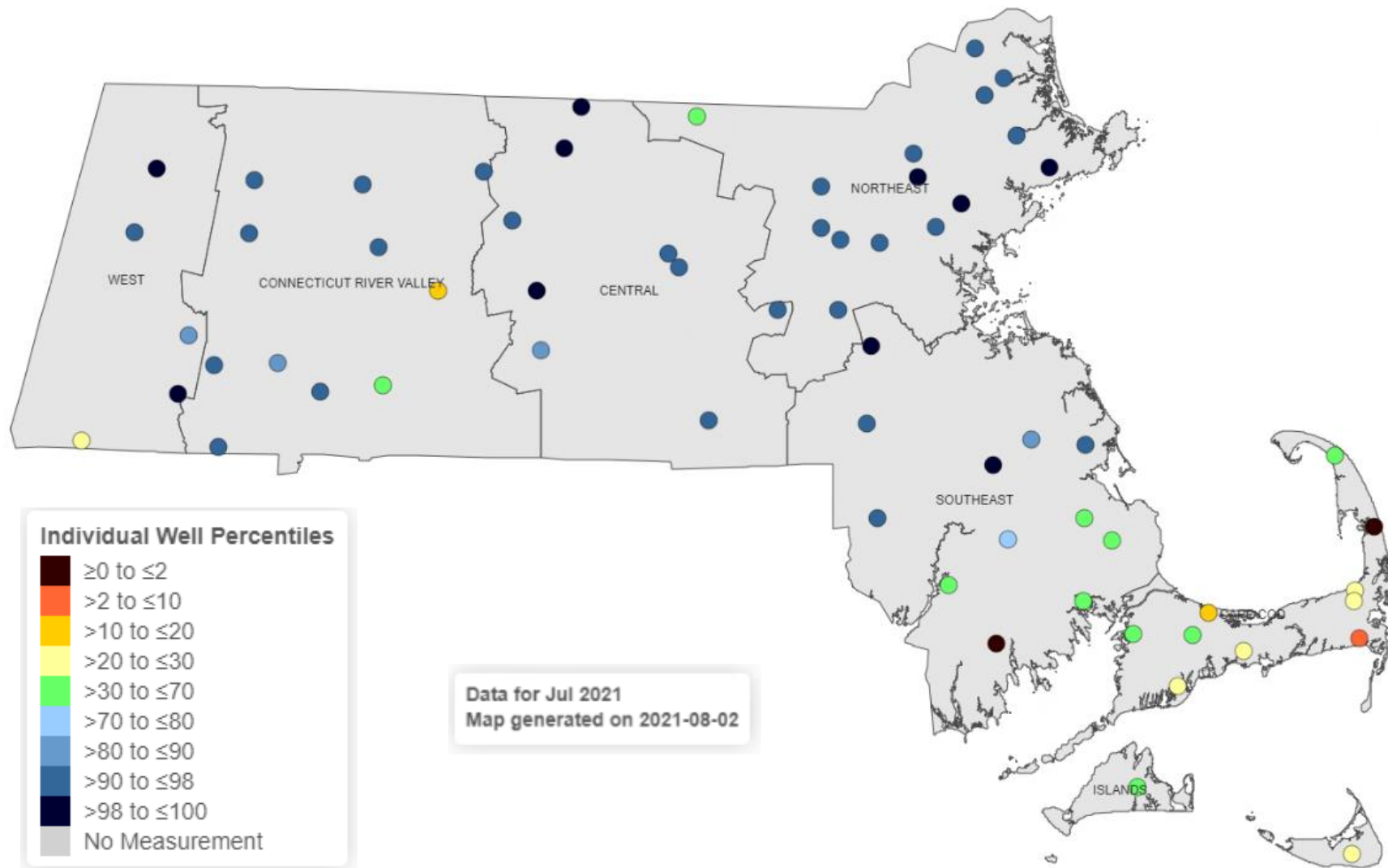
Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow

# Streamflow Conditions – July 30, 2021



Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow

# Groundwater Conditions – July 2021



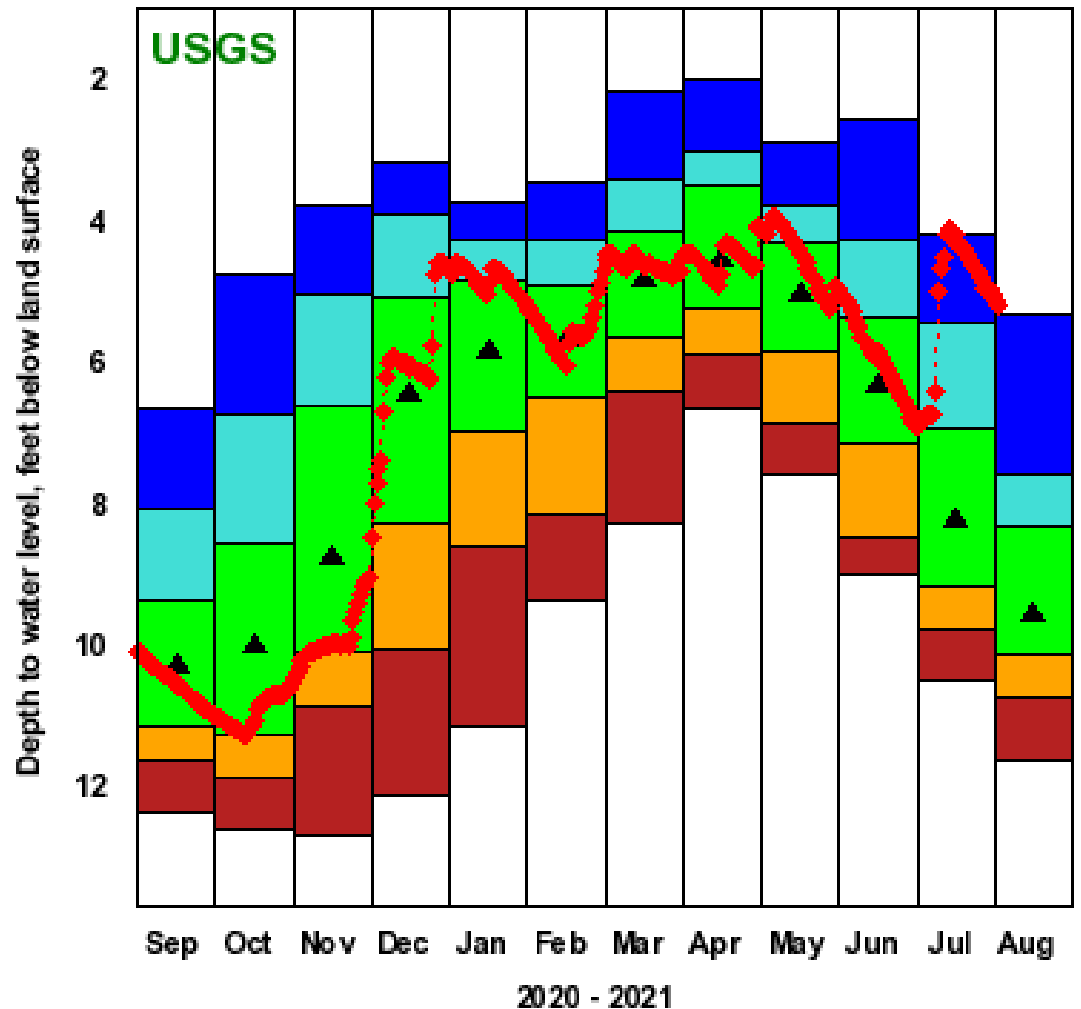
# RT GW Conditions – Today, August 5, 2021



**Explanation - Percentile classes** (symbol color based on most recent measurement)

Low	<10	10-24	25-75	76-90	>90	High	Not Ranked
	Much Below Normal	Below Normal	Normal	Above Normal	Much Above Normal		

424520070562401 - MA-NIW 27 NEWBURY, MA



## Period of Record

All data  
July 1959 – present

Continuous data  
Oct. 1984 - present

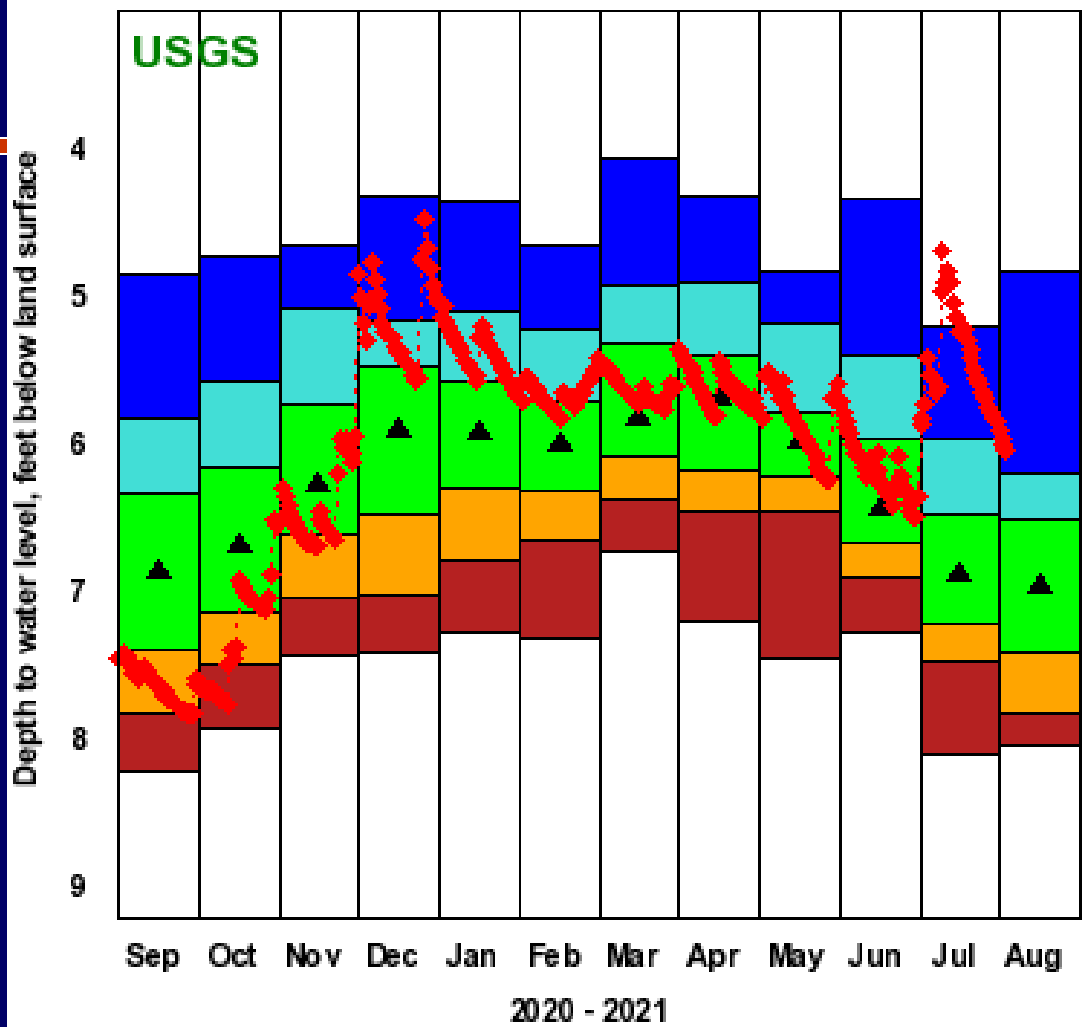
Explanation - Percentile Classes

◆ Data Point

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

▲ Monthly Median

42054407 117 370 1 - MA-NNW 27 R NORFOLK, MA



Explanation - Percentile Classes

◆ Data Point

● <10 ● 10-24 ● 25-75 ● 76-90 ● >90

▲ Monthly Median

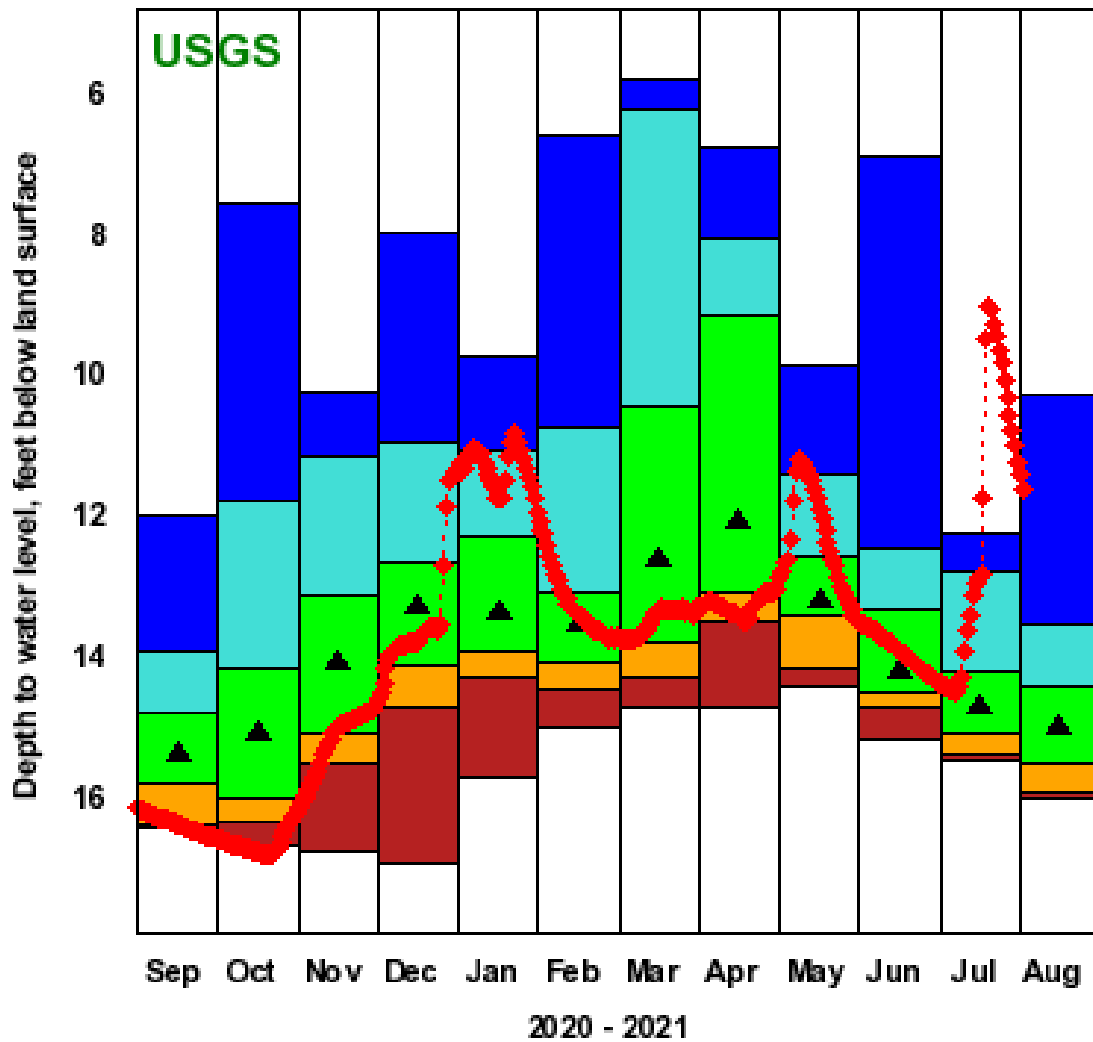
## Period of Record

All data  
Dec. 1964 – present

Continuous data  
Aug. 2001 - present



422906072124301 - MA-PHW 16 PETERSHAM, MA



Plot created 08/04/21 08:05

Explanation - Percentile Classes

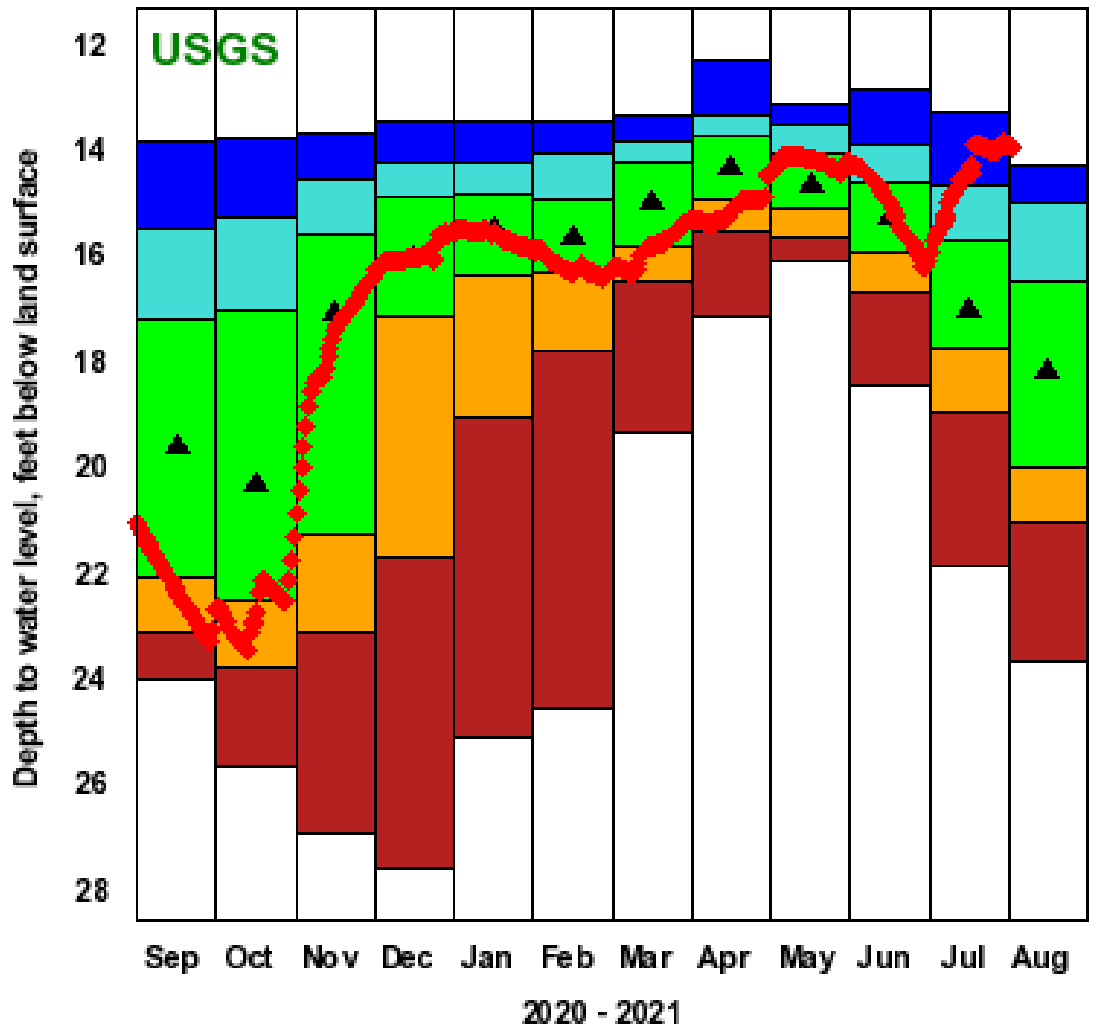


## Period of Record

All data  
Jan. 1984 – present

Continuous data  
May 2012 - present

422745073112001 - MA-PTW 51 PITTSFIELD, MA



## Period of Record

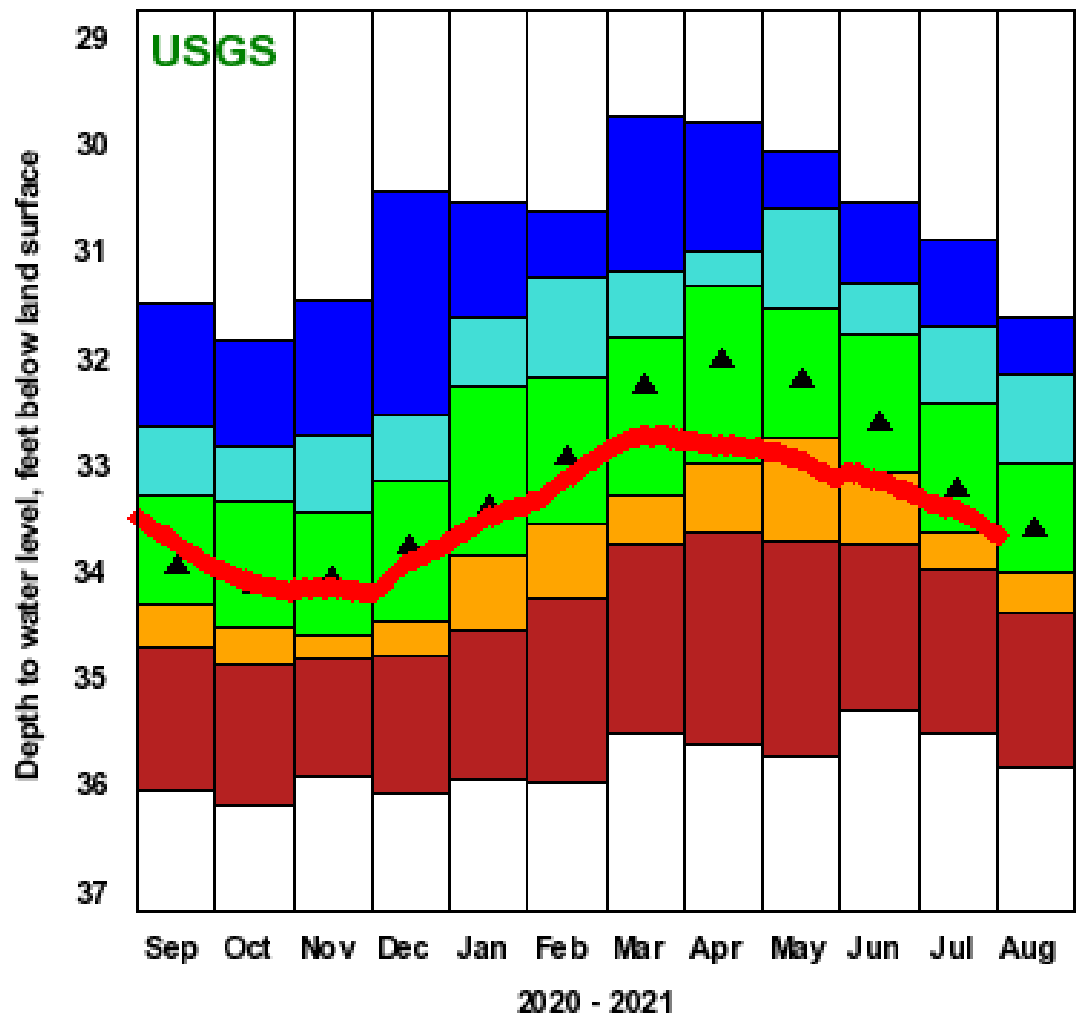
All data  
Aug. 1963 – present

Continuous data  
Oct. 1984 - present

Explanation - Percentile Classes

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

414129070361401 - MA-BHW 198 BOURNE, MA



Plot created 08/04/21 08:03

Explanation - Percentile Classes



## Period of Record

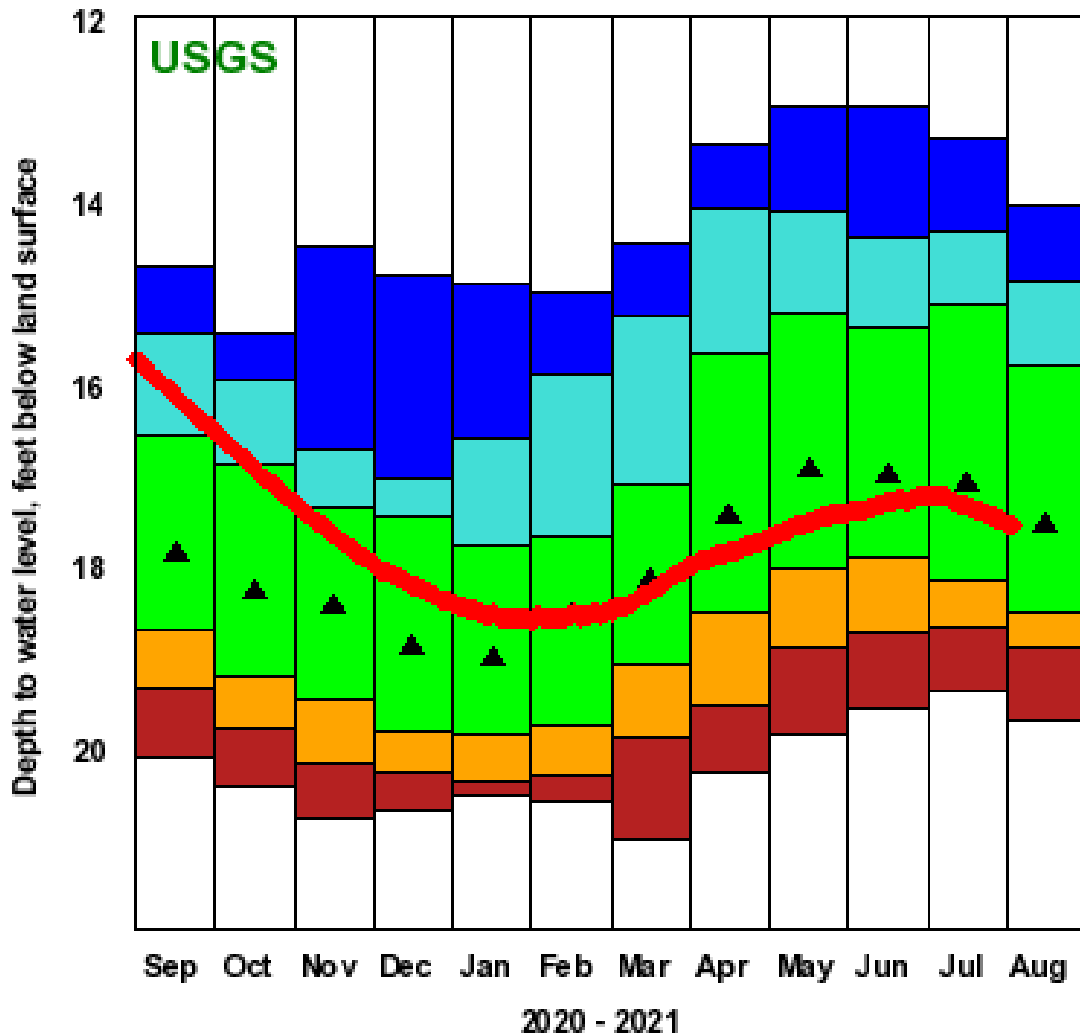
All data

Nov. 29, 1962 – present

Continuous data

May 19, 2012 – present

412346070353403 - MA-ENW 52 EDGARTOWN, MA



Plot created 08/04/21 08:02

Explanation - Percentile Classes



## Period of Record

All data

Dec. 16, 1976 – present

Continuous data

May 14, 2019 - present

# Questions

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