Streamflow and Groundwater Conditions in Massachusetts

Massachusetts DroughtTask Force Meeting July 6, 2023

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Streamflow Conditions – last 45 days

Last 45 Days

10-24

Below

25-75

Normal

76-90

Above

normal

>90

Much above

normal

High

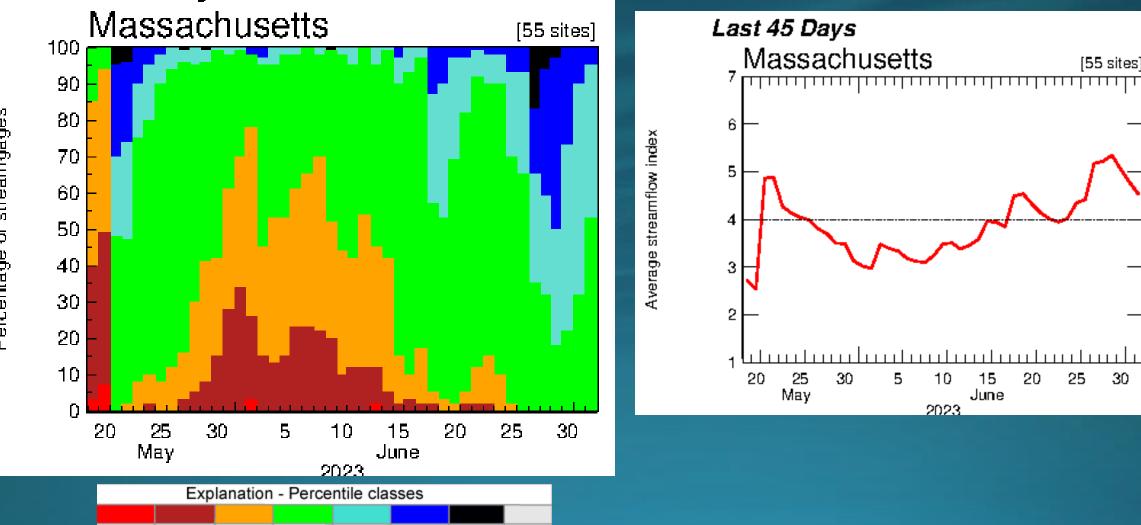
No Data

<10

Much below

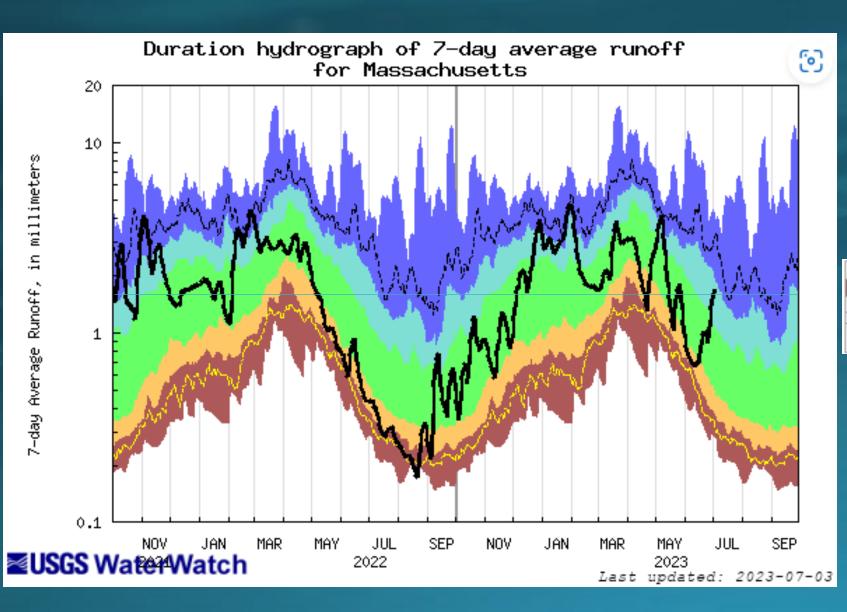
normal

Low



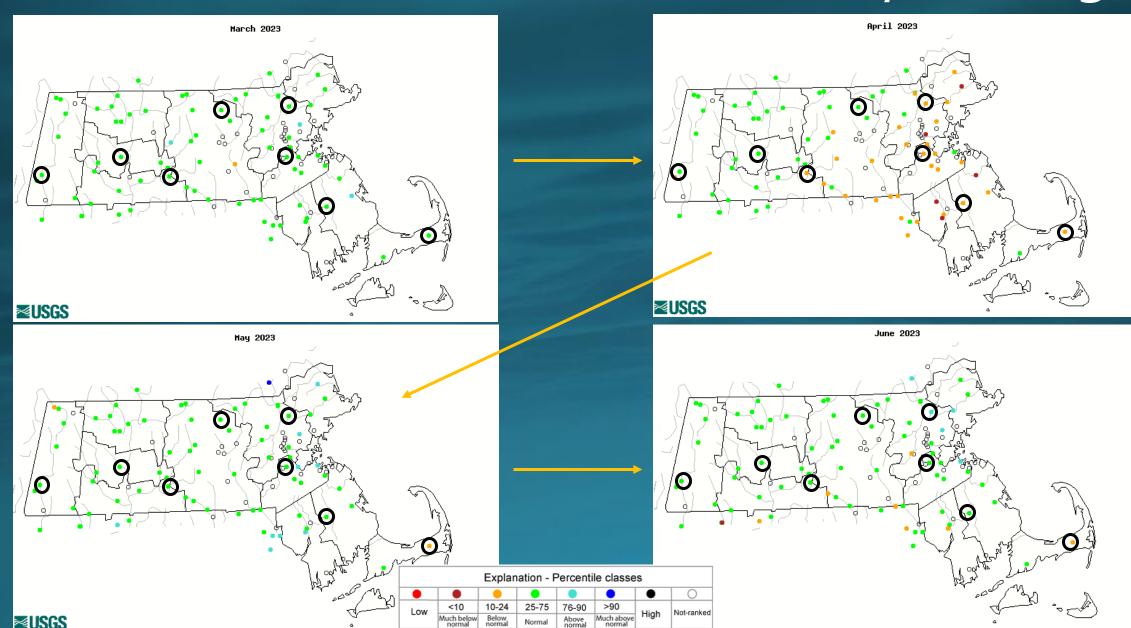
NORMAL

Streamflow Conditions 7-Day Moving Average

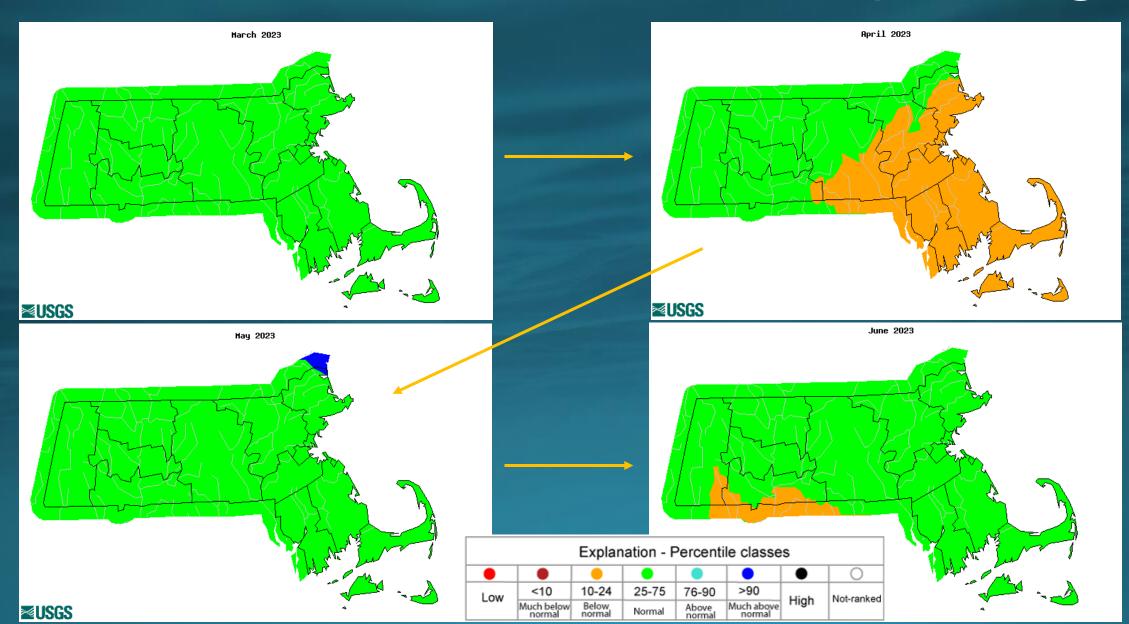


Explanation - Percentile classes								
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Runoff	
Much below Normal Below normal		Normal	Above normal	Much above normal				

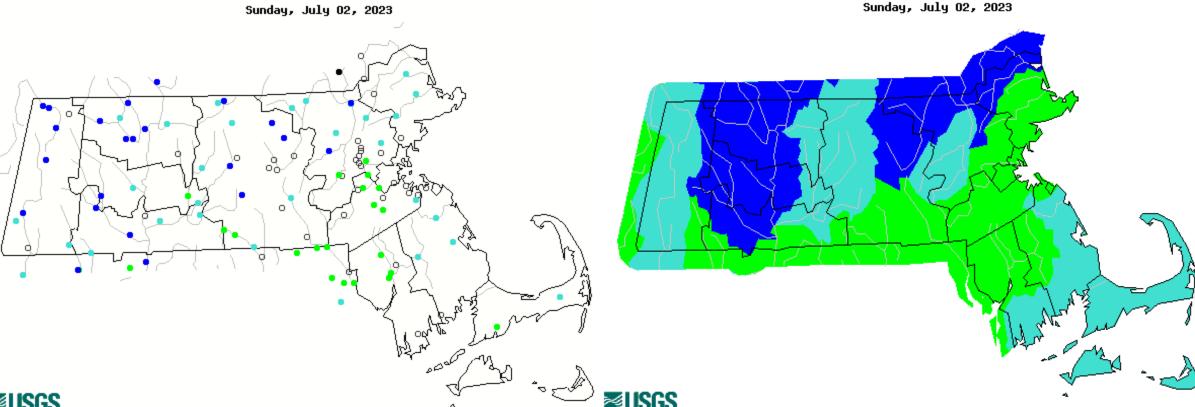
Streamflow Conditions – Monthly Average



Streamflow Conditions – Monthly Average



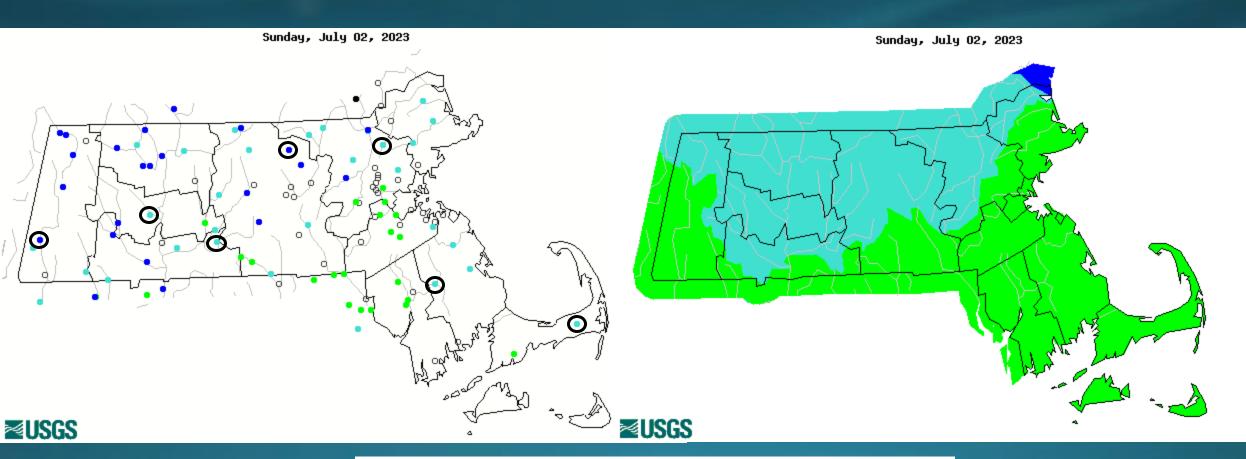
Streamflow Conditions 7-Day Average

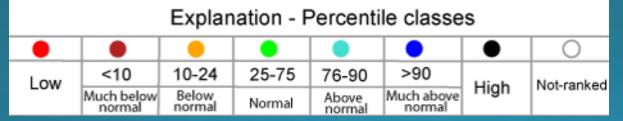


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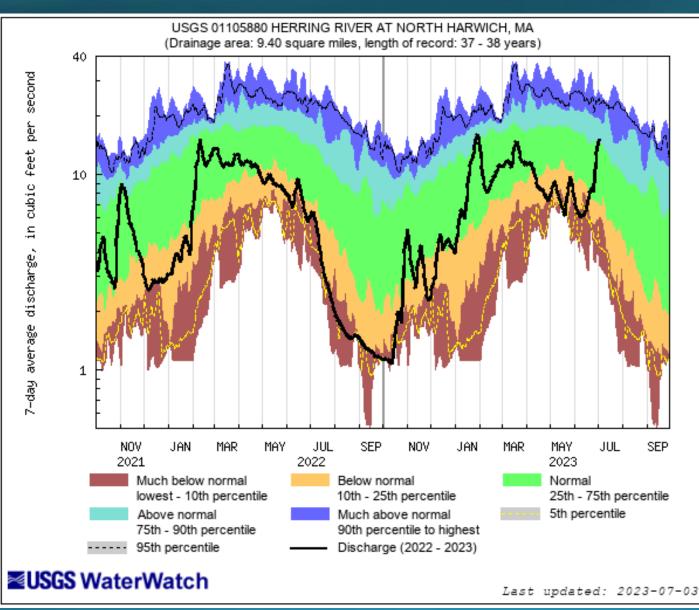
Explanation - Percentile classes									
•									
Low	<10	10-24	25-75	76-90	>90	Lliab	Not-ranked		
	Much below normal	Below normal	Normal	Above normal	Much above normal	High	Not-Taliked		

Streamflow Conditions 14-Day Average

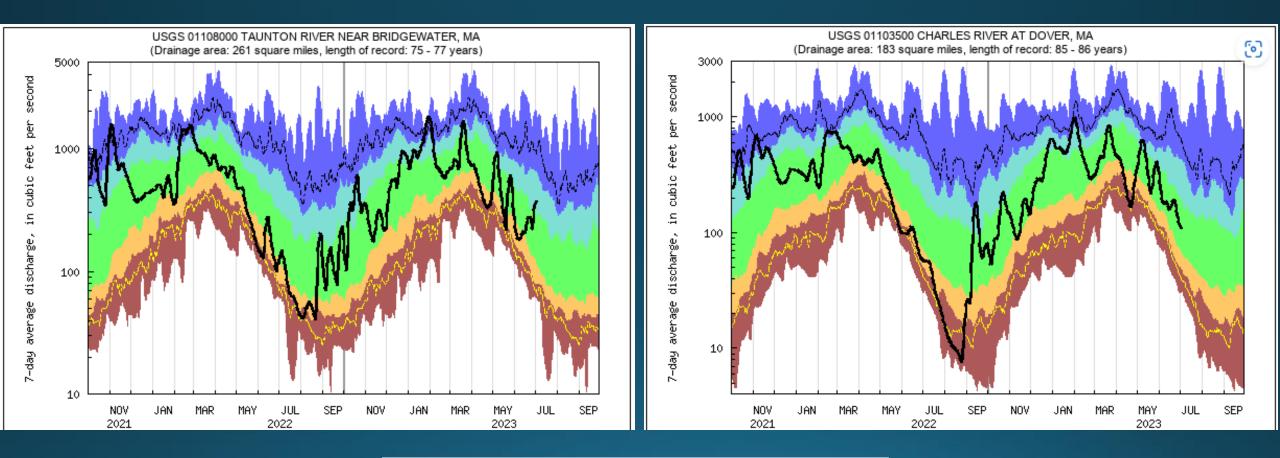




Cape Cod Region 7-Day Average

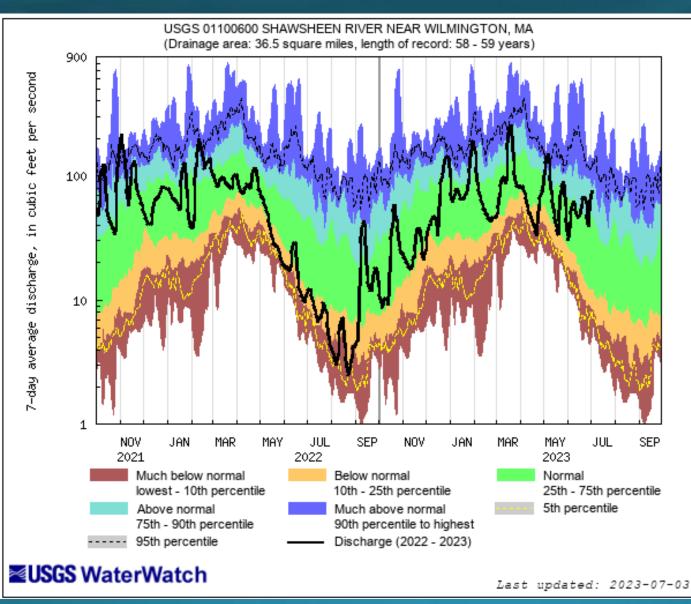


Southeastern Region 7-Day Average

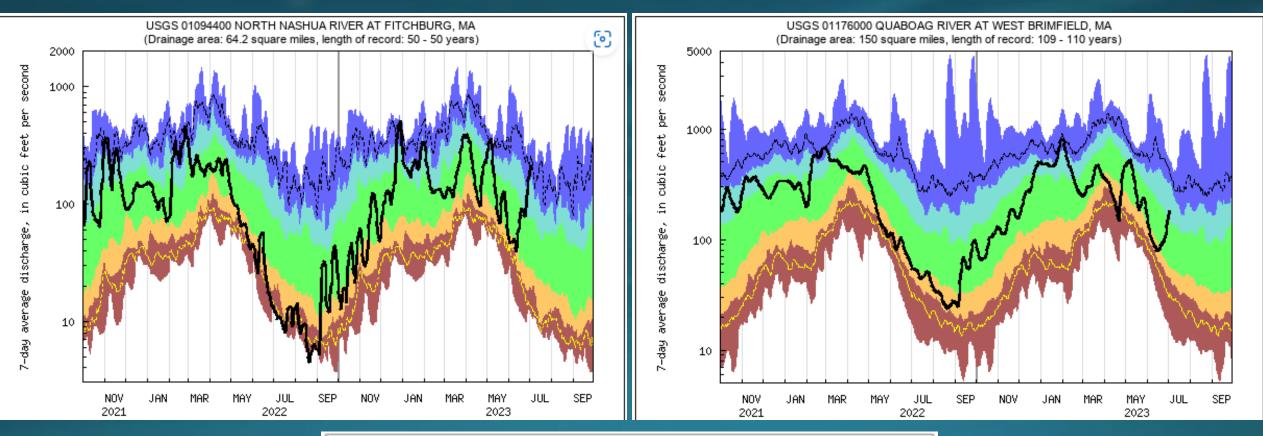


Explanation - Percentile classes								
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Flow	
Much below Normal		Below normal	Normal	Above normal	Much above normal			

Northeast Region 7-Day Average

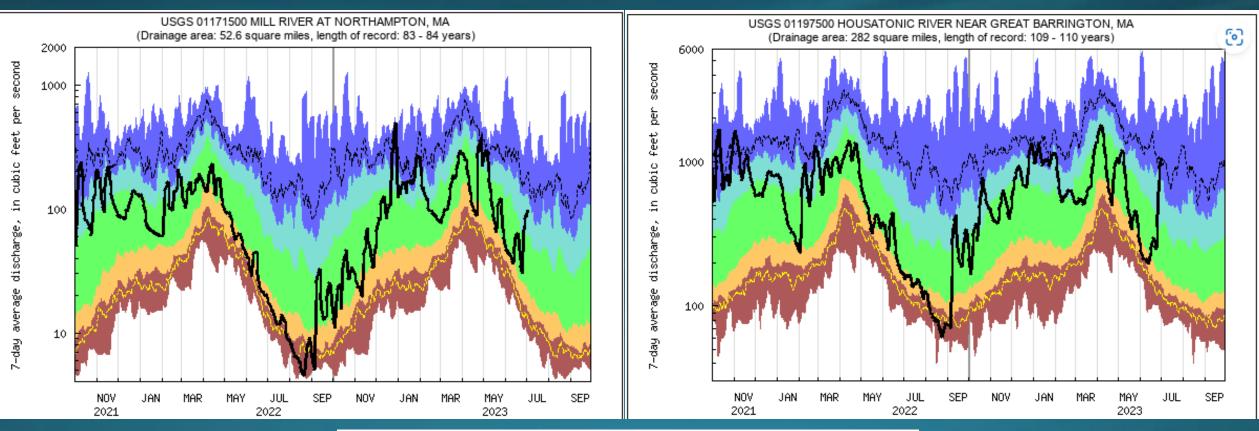


Central Region 7-Day Average



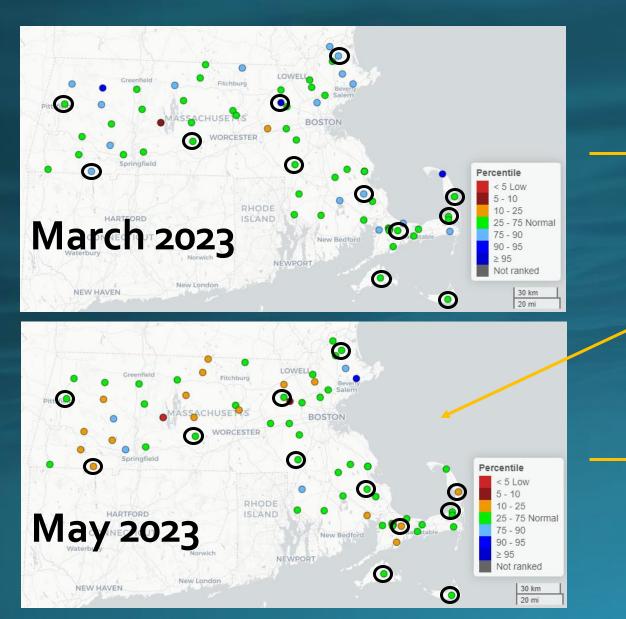
Explanation - Percentile classes									
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Runoff		
Much below Normal		Below normal	Normal	Above normal	Much above normal				

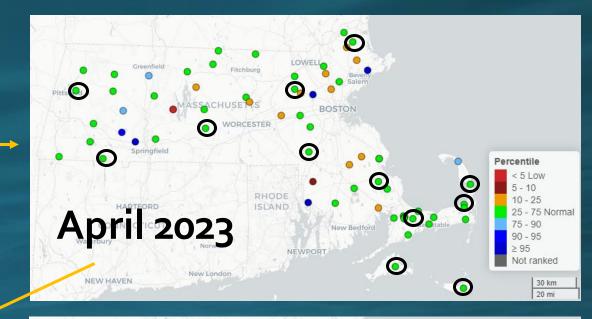
Connecticut Valley and Western Regions

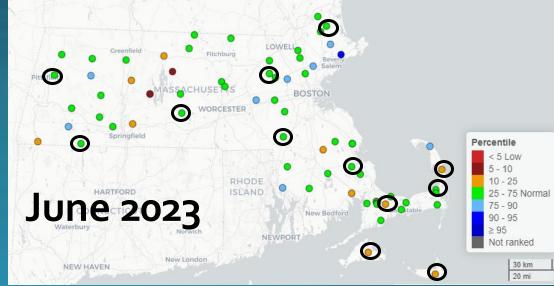


Explanation - Percentile classes									
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Runoff		
Much below Normal		Below normal	Normal	Above normal	Much above normal				

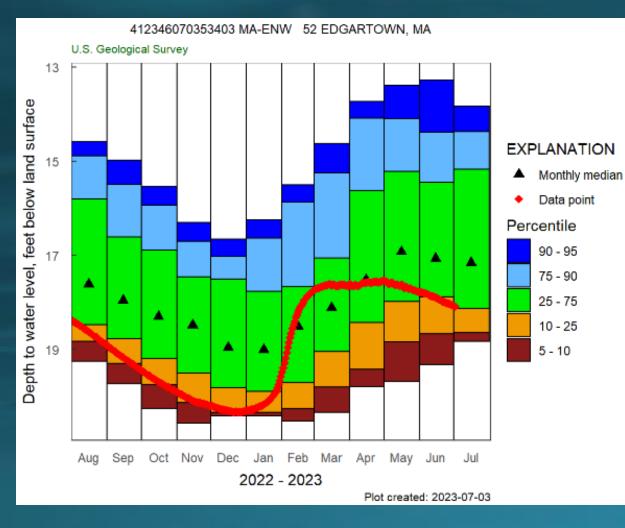
Groundwater Conditions



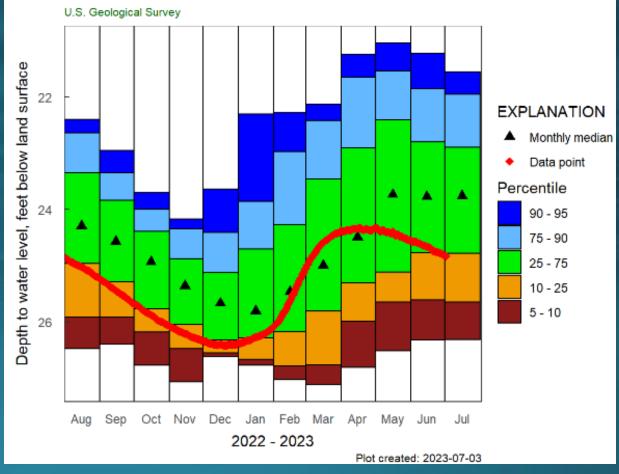




Islands Region



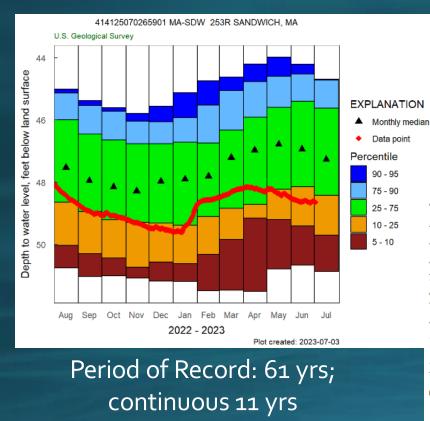
411555070021901 MA-NBW 228 NANTUCKET, MA

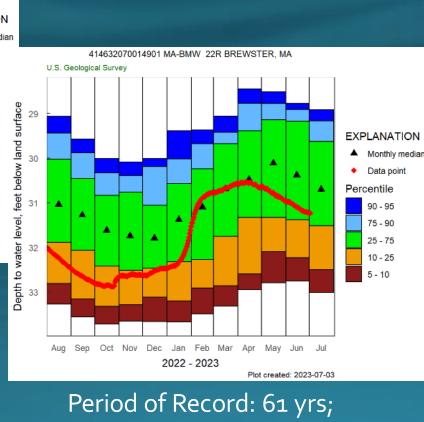


Period of Record: 47 yrs; continuous 4 yrs

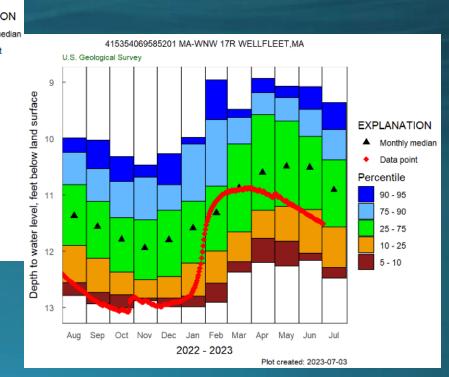
Period of Record: 47 yrs; continuous 1 yr

Cape Cod Region



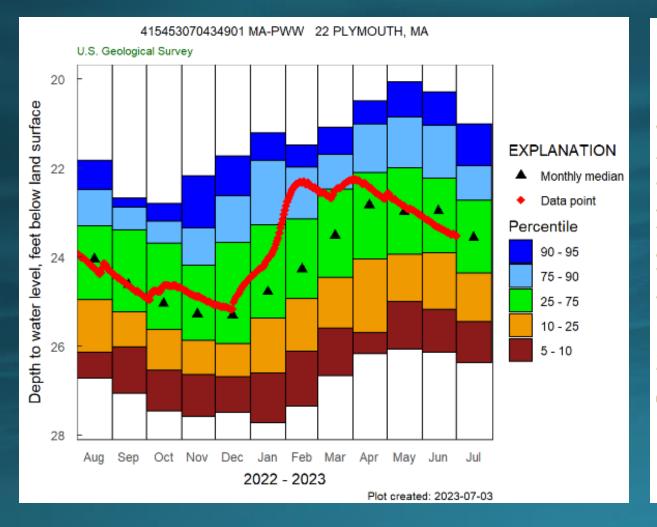


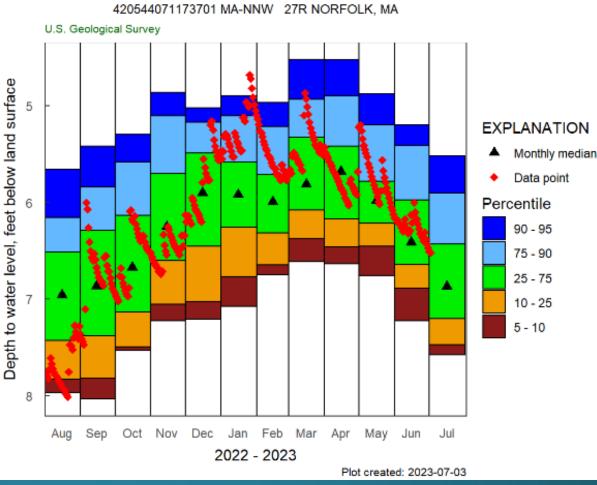
continuous 22 yrs



Period of Record: 61 yrs; cont. 11 yrs

Southeast Region

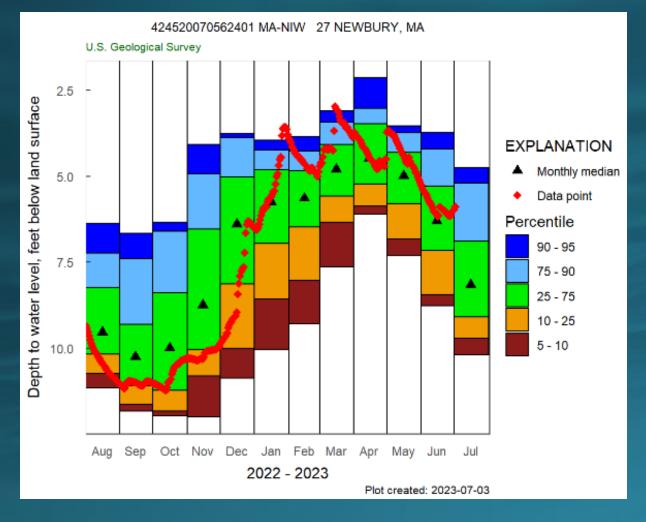


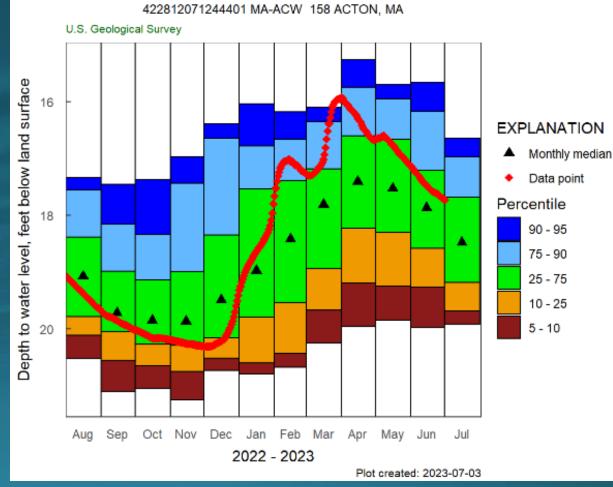


Period of Record: 67 yrs; continuous 9 yrs

Period of Record: 59 yrs; continuous 22 yrs

Northeast Region



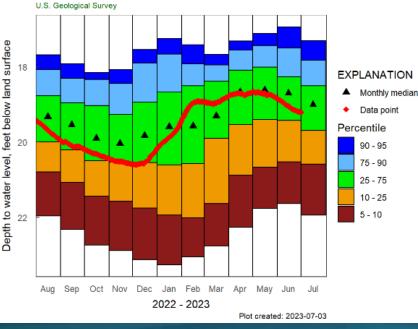


Period of Record: 58 yrs; continuous 39 yrs

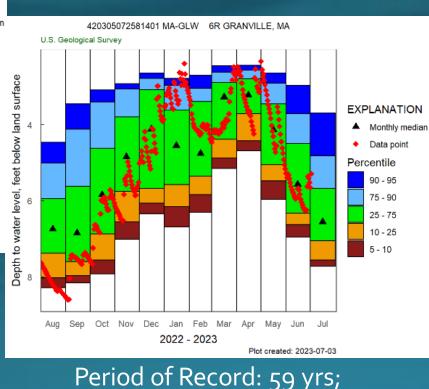
Period of Record: 59 yrs; continuous 23 yrs

Central, CT Valley, and Western Regions

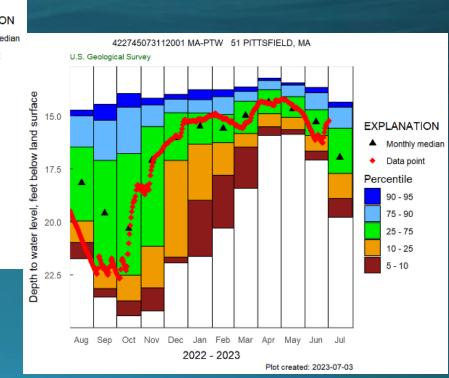
421410072081101 MA-WUW 2R WEST BROOKFIELD, MA



Period of Record: 64 yrs; continuous 6 yrs



continuous 9 yrs



Period of Record: 60 yrs; Cont. 39 yrs