

**Department of Conservation and Recreation  
Water Resources Data Collection and Analysis Program**

**July 2019**

**Massachusetts Monthly Precipitation Composite Estimate**

<b>July-19</b>	<b>Normal</b>	<b>Actual</b>	<b>Percent Normal</b>	<b>Excess/Deficit</b>	<b>-----Excess or Deficit Since Last-----</b>								
					<b>10/1/2018</b>	<b>2 Months</b>	<b>% Norm</b>	<b>3 Months</b>	<b>% Norm</b>	<b>6 Months</b>	<b>% Norm</b>	<b>12 Months</b>	<b>% Norm</b>
<b>State</b>	3.69	4.76	129	1.07	12.02	1.85	125	1.81	116	3.43	116	18.22	140
<b>Western</b>	4.29	3.36	78	-0.93	9.10	-0.21	98	0.74	106	1.51	107	17.88	141
<b>Connecticut River</b>	4.22	3.67	87	-0.55	8.87	-0.96	88	-1.71	86	0.08	100	17.78	139
<b>Central</b>	3.83	5.13	134	1.30	10.85	1.57	121	1.41	113	3.34	115	18.87	141
<b>Northeast</b>	3.46	5.56	161	2.10	11.97	3.14	146	3.00	129	4.92	123	17.14	140
<b>Southeast</b>	3.33	5.87	176	2.54	16.06	3.36	150	3.86	138	5.30	124	21.29	147
<b>Cape Cod and Islands</b>	2.90	3.80	131	0.90	14.51	3.31	153	3.33	134	4.36	120	13.10	129

Note: Precipitation values are total rainfall and melted snow in inches.  
Values are estimated pending receipt of additional data and final calculations.