# Drought Management Task Force NWS Update 

Nicole Belk
National Weather Service Boston/Norton MA
June $24^{\text {th }} 2020$

## June 2020 Month-to-Date Rainfall

Precipitation (in)
6/1/2020-6/22/2020


## June MTD Specifics:

| Location | June 1-22 <br> Rainfall (inches) | Departure from <br> Normal (in.) | June 1-22 <br> Normal (in.) |
| :--- | :--- | :--- | :--- |
| Boston | 1.07 | -1.84 | 2.91 |
| Lawrence | 0.42 | -2.68 | 3.10 |
| Middleboro | 1.69 | -1.42 | 3.11 |
| Chatham | 0.49 | -2.15 | 2.64 |
| Worcester | 0.70 | -2.49 | 3.19 |
| Amherst | 0.69 | -2.41 | 3.10 |
| Greenfield | 0.64 | -2.44 | 3.08 |
| Pittsfield | 1.09 | -2.38 | 3.47 |

## Extremes- 50 day period May 4-June 22

Minimum 50-Day Total Precipitation for AMHERST, MA
Click column heading to sort ascending, click again to sort descending.

| Rank | Value | Ending Date | Missing Days |
| :---: | :---: | :---: | :---: |
| 1 | 0.41 | $1908-06-22$ | 28 |
| 2 | 1.65 | $2020-06-22$ | 0 |
| 3 | 2.22 | $1964-06-22$ | 0 |
| 4 | 2.48 | $1926-06-22$ | 0 |
| 5 | 2.61 | $1962-06-22$ | 0 |
| 6 | 3.05 | $1980-06-22$ | 0 |
| 7 | 3.06 | $1932-06-22$ | 0 |
| 8 | 3.07 | $1988-06-22$ | 0 |
| 9 | 3.11 | $1993-06-22$ | 0 |
| 10 | 3.16 | $1992-06-22$ | 0 |
| Period of record: 1893-01-01 to $2020-06-22$ |  |  |  |

Minimum 50-Day Total Precipitation for Worcester Area, MA (ThreadEx)
Click column heading to sort ascending, click again to sort descending.

| Rank | Value | Ending Date | Missing Days |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1.64 | $2020-06-22$ | 0 |  |  |
| 2 | 2.41 | $1932-06-22$ | 0 |  |  |
| 3 | 2.75 | $1964-06-22$ | 0 |  |  |
| 4 | 2.89 | $2016-06-22$ | 0 |  |  |
| - | 2.89 | $1999-06-22$ | 0 |  |  |
| 6 | 2.96 | $1902-06-22$ | 0 |  |  |
| 7 | 3.06 | $1921-06-22$ | 0 |  |  |
| 8 | 3.14 | $1926-06-22$ | 0 |  |  |
| 9 | 3.23 | $1993-06-22$ | 0 |  |  |
| 10 | 3.31 | $1899-06-22$ | 0 |  |  |
| Period of record: 1892-02-01 to |  |  |  |  | $2020-06-22$ |

## Minimum 50-Day Total Precipitation

 for LAWRENCE, MAClick column heading to sort ascending, click again to sort descending

| Rank | Value | Ending Date | Missing Days |
| :---: | :---: | :---: | :---: |
| 1 | 0.78 | $2007-06-22$ | 32 |
| 2 | 1.35 | $1932-06-22$ | 0 |
| 3 | 1.50 | $2020-06-22$ | 1 |
| 4 | 1.59 | $2016-06-22$ | 0 |
| 5 | 1.65 | $1964-06-22$ | 0 |
| 6 | 1.82 | $1911-06-22$ | 0 |
| 7 | 1.94 | $1993-06-22$ | 28 |
| 8 | 1.98 | $1895-06-22$ | 17 |
| 9 | 2.00 | $1987-06-22$ | 0 |
| 10 | 2.07 | $1950-06-22$ | 0 |
| Period of record: $1893-01-01$ to $2020-06-22$ |  |  |  |

Departure from Normal Precipitation (in) 6/1/2020-6/22/2020


Percent of Normal Precipitation (\%)

$$
6 / 1 / 2020-6 / 22 / 2020
$$



Departure from Normal Temperature (F)
6/1/2020-6/22/2020

-

## Rainfall Forecast through 8 am Wed July $1^{\text {st }}$ Normal 1 week rainfall $\sim_{1.1 " ~ i n ~ J u n e ~}^{\text {l }}$



## Outlook for July $1^{\text {st }}$ through $7^{\text {th }} 2020$



## Week 3-4 Outlook, July $4^{\text {th }}$ to $17^{\text {th }}$



## 3 Month Outlook- July/August/Sep



