

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending July 2018
Includes CoCoRaHS Data

| RI 1 Month July 2018 | Rainfall | Departure | Percent | Normal |
|---------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 4.14 | 0.32 | 108 | 3.82 |
| Northeast | 4.01 | 0.20 | 105 | 3.81 |
| Central West | 2.17 | -1.47 | 60 | 3.64 |
| Central East | 1.53 | -1.76 | 47 | 3.29 |
| Eastern | 1.03 | -1.76 | 37 | 2.79 |
| Southern | 1.99 | -1.67 | 54 | 3.66 |
| New Shoreham | 1.32 | -2.34 | 36 | 3.66 |

| RI 2 Month Jun-Jul 2018 | Rainfall | Departure | Percent | Normal |
|------------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 7.72 | -0.68 | 92 | 8.40 |
| Northeast | 6.81 | -1.21 | 85 | 8.02 |
| Central West | 5.75 | -2.03 | 74 | 7.78 |
| Central East | 4.56 | -2.37 | 66 | 6.93 |
| Eastern | 3.22 | -3.45 | 48 | 6.67 |
| Southern | 4.41 | -3.53 | 56 | 7.94 |
| New Shoreham | 4.55 | -3.39 | 57 | 7.94 |

| RI 3 Month May-Jul 2018 | Rainfall | Departure | Percent | Normal |
|------------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 10.18 | -2.14 | 83 | 12.32 |
| Northeast | 9.06 | -2.74 | 77 | 11.80 |
| Central West | 8.04 | -3.49 | 70 | 11.53 |
| Central East | 6.80 | -3.68 | 65 | 10.48 |
| Eastern | 5.55 | -4.76 | 54 | 10.31 |
| Southern | 6.94 | -4.95 | 58 | 11.89 |
| New Shoreham | 6.75 | -5.14 | 57 | 11.89 |

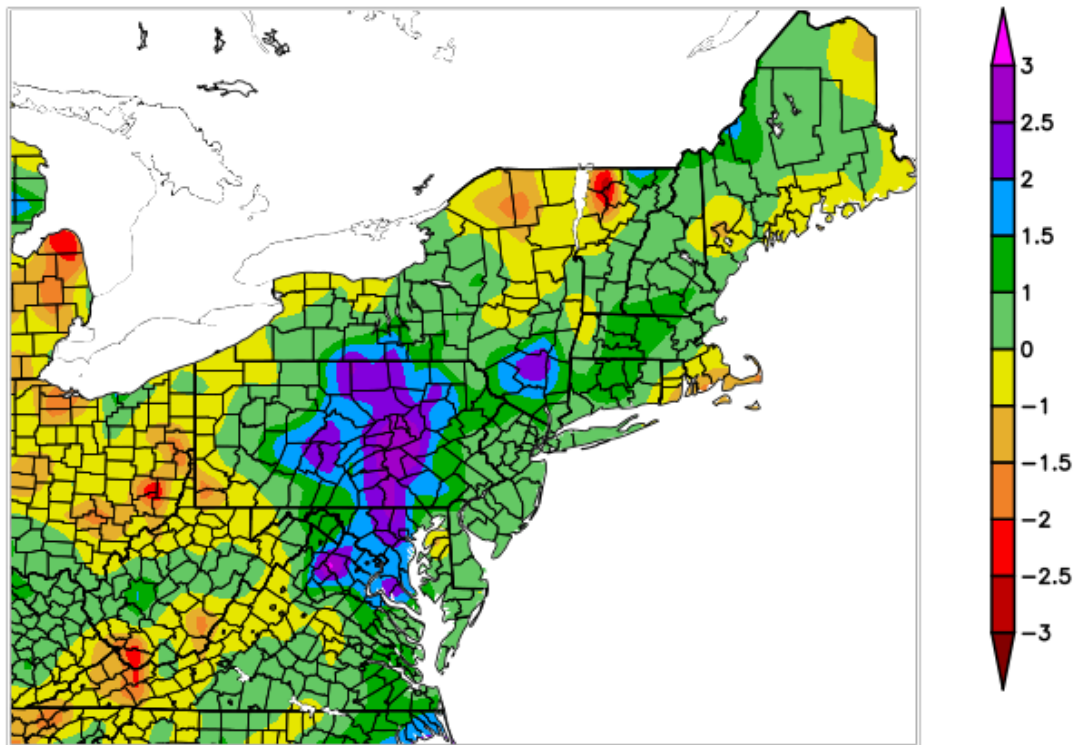
| RI 6 Month Feb-Jul 2018 | Rainfall | Departure | Percent | Normal |
|------------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 27.79 | 1.36 | 105 | 26.43 |
| Northeast | 26.68 | 1.58 | 106 | 25.10 |
| Central West | 25.08 | 0.19 | 101 | 24.89 |
| Central East | 23.44 | 0.30 | 101 | 23.14 |
| Eastern | 22.71 | -1.87 | 92 | 24.58 |
| Southern | 23.78 | -2.38 | 91 | 26.16 |
| New Shoreham | 23.37 | -2.79 | 89 | 26.16 |

| RI 12 Month Aug 17-Jul 18 | Rainfall | Departure | Percent | Normal |
|--------------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 53.20 | -0.50 | 99 | 53.70 |
| Northeast | 48.50 | -2.92 | 94 | 51.42 |
| Central West | 49.78 | -0.99 | 98 | 50.77 |
| Central East | 45.29 | -1.89 | 96 | 47.18 |
| Eastern | 45.88 | -2.66 | 95 | 48.54 |
| Southern | 49.01 | -3.86 | 93 | 52.87 |
| New Shoreham | 47.79 | -5.08 | 90 | 52.87 |

| RI 24 Month Aug 16-Jul 18 | Rainfall | Departure | Percent | Normal |
|--------------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 109.76 | 2.36 | 102 | 107.40 |
| Northeast | 101.52 | -1.32 | 99 | 102.84 |
| Central West | 105.51 | 3.97 | 104 | 101.54 |
| Central East | 97.47 | 3.11 | 103 | 94.36 |
| Eastern | 90.67 | -6.41 | 93 | 97.08 |
| Southern | 101.48 | -4.26 | 96 | 105.74 |
| New Shoreham | 94.62 | -11.12 | 89 | 105.74 |

| RI 36 Month Aug 15-Jul 18 | Rainfall | Departure | Percent | Normal |
|--------------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 151.45 | -9.65 | 94 | 161.10 |
| Northeast | 140.98 | -13.28 | 91 | 154.26 |
| Central West | 148.89 | -3.42 | 98 | 152.31 |
| Central East | 137.87 | -3.67 | 97 | 141.54 |
| Eastern | 134.51 | -11.11 | 92 | 145.62 |
| Southern | 144.84 | -13.77 | 91 | 158.61 |
| New Shoreham | 137.94 | -20.67 | 87 | 158.61 |

Monthly SPI
7/1/2018 – 7/31/2018

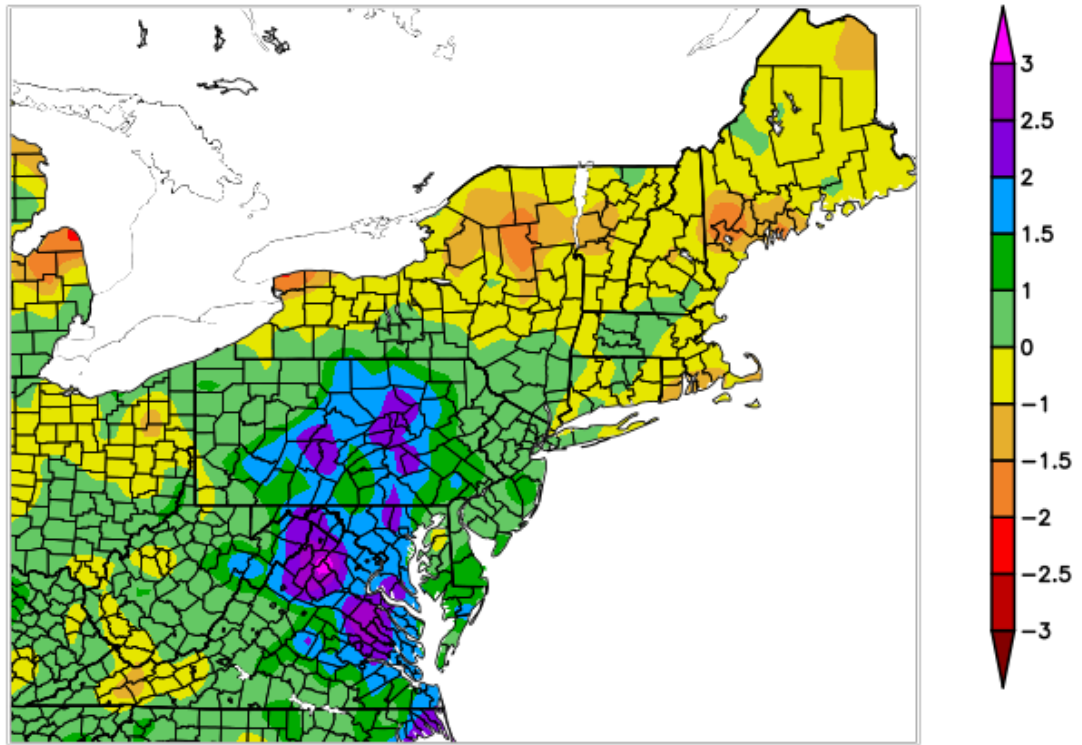


Generated 8/6/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for July 2018.

3-Month SPI
5/1/2018 – 7/31/2018

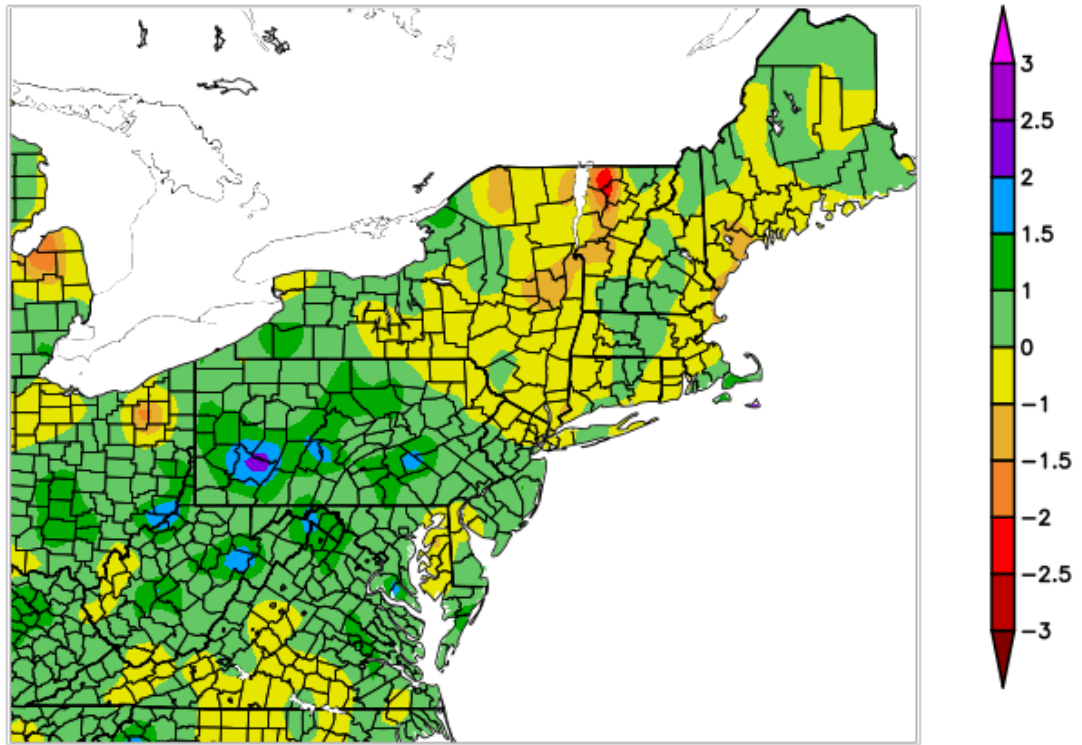


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NOAA Regional Climate Centers

Map 2. Three-Month SPI ending July 2018.

12-Month SPI
8/1/2017 – 7/31/2018

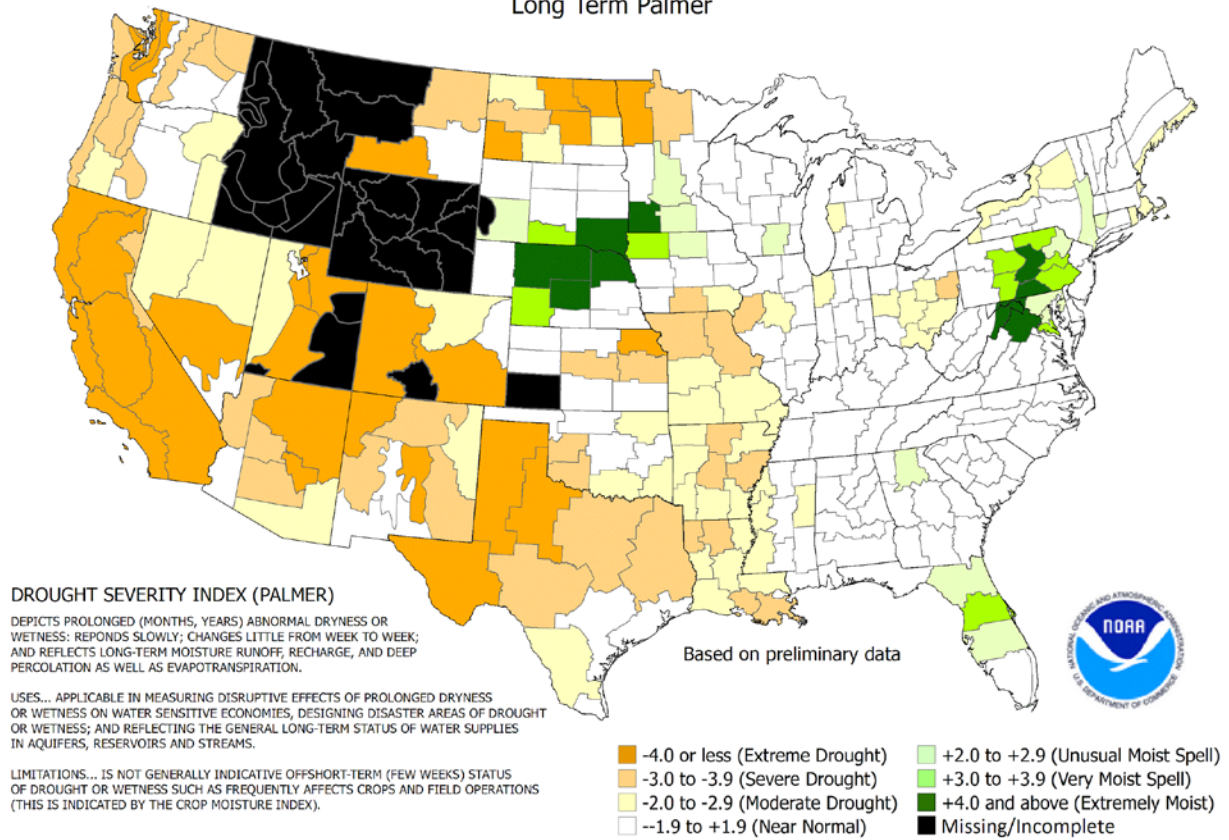


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NOAA Regional Climate Centers

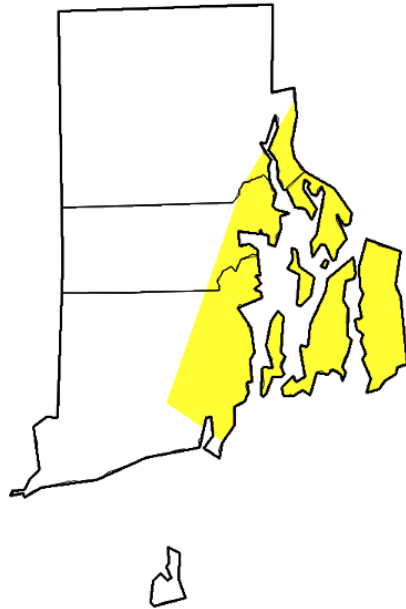
Map 3. Twelve month SPI ending July 2018.

Drought Severity Index by Division
Weekly Value for Period Ending Aug 04, 2018
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated August 4, 2018.
RI Palmer is in the Moderate Drought range, -2.05.

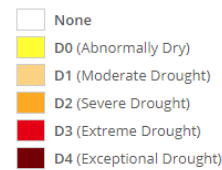
Rhode Island



Map released: Thurs. August 2, 2018

Data valid: July 31, 2018 at 8 a.m. EDT

Intensity:



Author(s):

[Chris Fenimore](#), NOAA/NESDIS/NCEI

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Map Download

Map without text:



Map with legend:

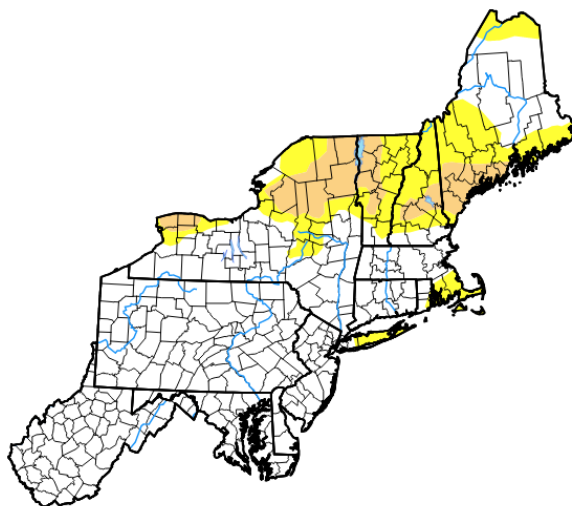


Map with legend and statistics table:



Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid August 2, 2018.

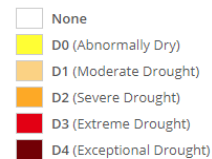
Northeast



Map released: Thurs. August 2, 2018

Data valid: July 31, 2018 at 8 a.m. EDT

Intensity:



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Map Download

Map without text:



Map with legend:



Map with legend and statistics table:



Map 6. US Drought Monitor for the Northeast U.S. valid August 2, 2018.