

**Rhode Island Precipitation**  
**National Weather Service Taunton, MA**  
Preliminary Precipitation Data (inches) by Drought Region  
Past 12 to 36 months ending December 2017  
*Includes CoCoRaHS Data*

| <b>RI 1 month December 2017</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|---------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                       | 3.44            | -1.40            | 71             | 4.84          |
| Northeast                       | 3.20            | -1.54            | 68             | 4.74          |
| Central West                    | 3.08            | -1.52            | 67             | 4.60          |
| Central East                    | 2.26            | -1.96            | 54             | 4.22          |
| Eastern                         | 2.76            | -1.56            | 64             | 4.32          |
| Southern                        | 2.66            | -2.05            | 56             | 4.71          |
| New Shoreham                    | 2.66            | -2.05            | 56             | 4.71          |

| <b>RI 2 month Nov-Dec 17</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                    | 6.10            | -3.70            | 62             | 9.80          |
| Northeast                    | 5.43            | -4.10            | 57             | 9.53          |
| Central West                 | 5.75            | -3.60            | 61             | 9.35          |
| Central East                 | 5.15            | -3.58            | 59             | 8.73          |
| Eastern                      | 6.02            | -2.63            | 70             | 8.65          |
| Southern                     | 5.91            | -3.85            | 61             | 9.76          |
| New Shoreham                 | 5.47            | -4.29            | 56             | 9.76          |

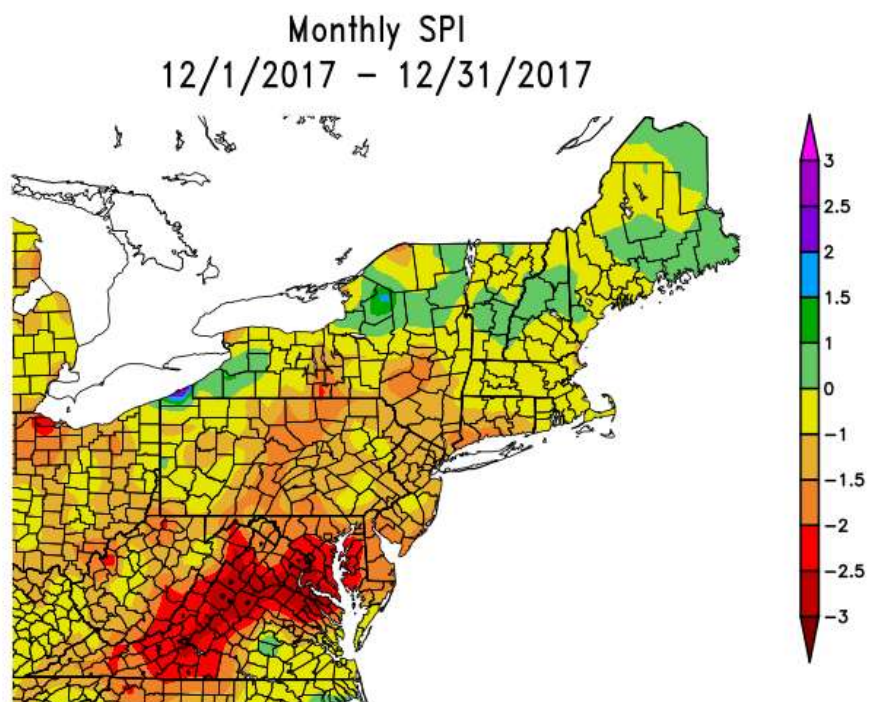
| <b>RI 3 month Oct-Dec 17</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                    | 15.43           | 0.86             | 106            | 14.57         |
| Northeast                    | 12.68           | -1.50            | 89             | 14.18         |
| Central West                 | 14.66           | 0.86             | 106            | 13.80         |
| Central East                 | 11.42           | -1.24            | 90             | 12.66         |
| Eastern                      | 12.29           | -0.29            | 98             | 12.58         |
| Southern                     | 13.59           | -0.43            | 97             | 14.02         |
| New Shoreham                 | 12.34           | -1.68            | 88             | 14.02         |

| <b>RI 6 month Jul-Dec 17</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                    | 24.46           | -2.35            | 91             | 26.81         |
| Northeast                    | 20.76           | -5.30            | 80             | 26.06         |
| Central West                 | 22.67           | -2.77            | 89             | 25.44         |
| Central East                 | 19.66           | -3.81            | 84             | 23.47         |
| Eastern                      | 19.56           | -3.34            | 85             | 22.90         |
| Southern                     | 22.18           | -4.08            | 84             | 26.26         |
| New Shoreham                 | 21.63           | -4.63            | 82             | 26.26         |

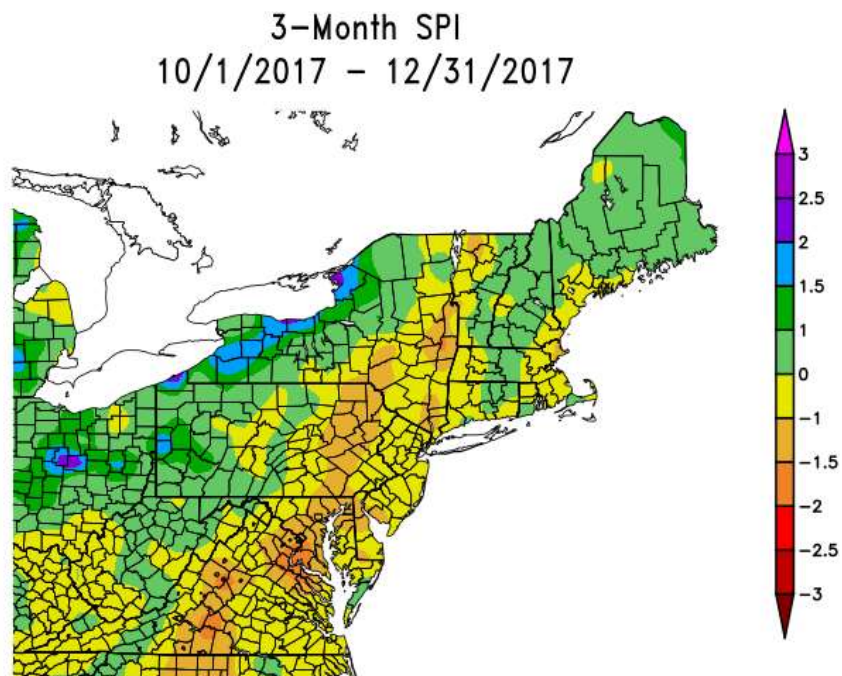
| <b>RI 12 month Jan-Dec 17</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|-------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                     | 52.96           | -0.74            | 99             | 53.70         |
| Northeast                     | 50.67           | -0.75            | 99             | 51.42         |
| Central West                  | 52.69           | 1.92             | 104            | 50.77         |
| Central East                  | 50.59           | 3.41             | 107            | 47.18         |
| Eastern                       | 45.98           | -2.56            | 95             | 48.54         |
| Southern                      | 51.23           | -1.64            | 97             | 52.87         |
| New Shoreham                  | 46.88           | -5.99            | 89             | 52.87         |

| <b>RI 24 month Jan 16-Dec 17</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|----------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                        | 102.00          | -5.40            | 95             | 107.40        |
| Northeast                        | 93.48           | -9.36            | 91             | 102.84        |
| Central West                     | 100.04          | -1.50            | 99             | 101.54        |
| Central East                     | 91.68           | -2.68            | 97             | 94.36         |
| Eastern                          | 84.35           | -12.73           | 87             | 97.08         |
| Southern                         | 95.19           | -10.55           | 90             | 105.74        |
| New Shoreham                     | 89.76           | -15.98           | 85             | 105.74        |

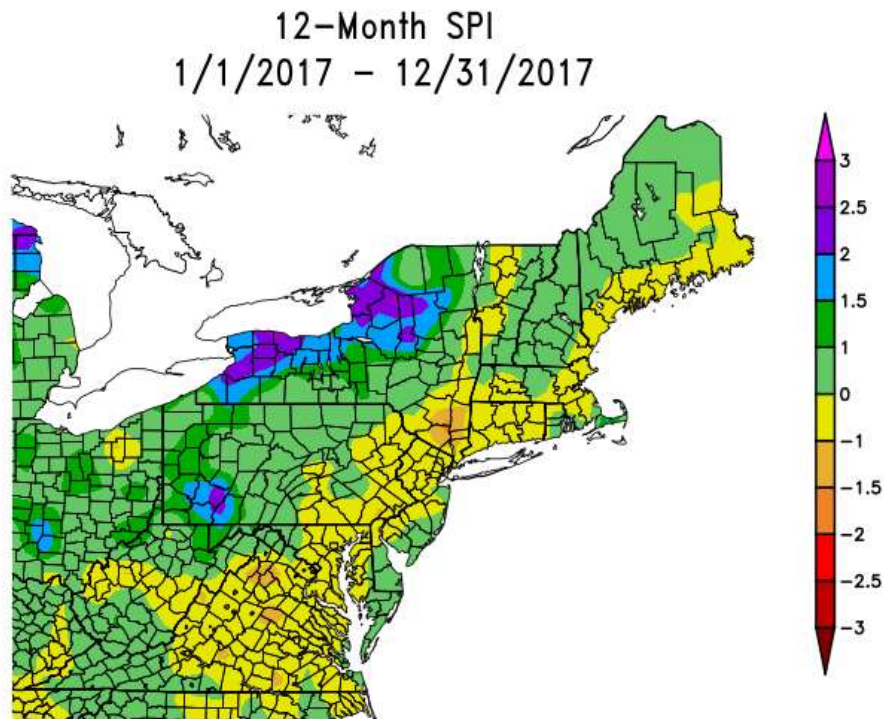
| <b>RI 36 month Jan 15-Dec 17</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|----------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                        | 144.78          | -16.32           | 90             | 161.10        |
| Northeast                        | 133.38          | -20.88           | 86             | 154.26        |
| Central West                     | 143.13          | -9.18            | 94             | 152.31        |
| Central East                     | 134.56          | -6.98            | 95             | 141.54        |
| Eastern                          | 129.23          | -16.39           | 89             | 145.62        |
| Southern                         | 137.66          | -20.95           | 87             | 158.61        |
| New Shoreham                     | 132.60          | -26.01           | 84             | 158.61        |



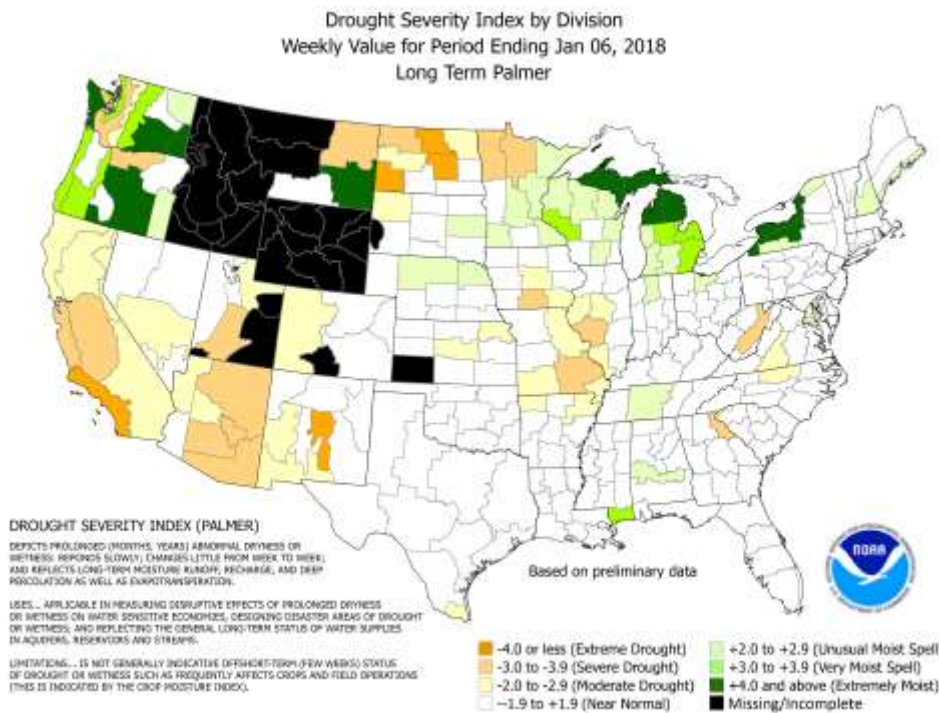
Map 1. 1 Month SPI for December 2017.



Map 2. 3-Month SPI ending December 2017.



Generated 1/6/2018 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 3. Twelve month SPI ending December 2017.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated January 6, 2018.  
**RI Palmer is in the Normal range, value +1.08.**

**U.S. Drought Monitor**  
**Rhode Island**

**January 2, 2018**  
(Released Thursday, Jan. 4, 2018)  
Valid 7 a.m. EST



**Intensity:**

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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

**Author:**

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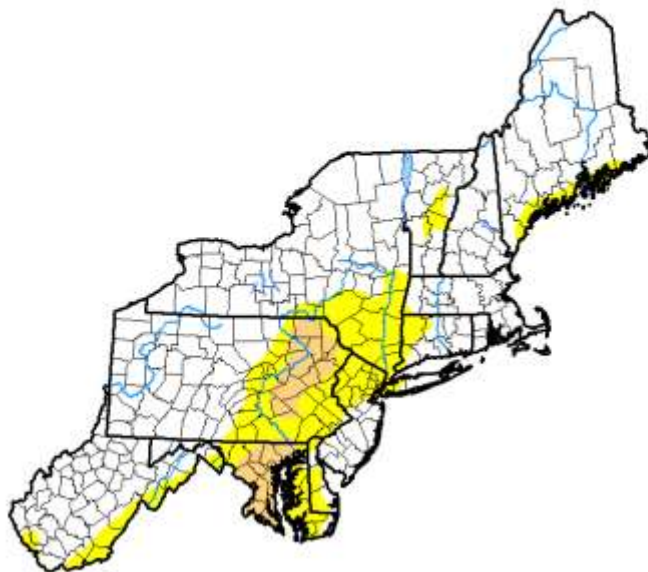


<http://droughtmonitor.unl.edu/>

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

**U.S. Drought Monitor**  
**Northeast**

**January 2, 2018**  
(Released Thursday, Jan. 4, 2018)  
Valid 7 a.m. EST



**Intensity:**

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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

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