

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

| RI 1 month February 2017 | Rainfall | Departure | Percent | Normal |
|---------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 3.09 | -0.87 | 78 | 3.96 |
| Northeast | 3.17 | -0.38 | 89 | 3.55 |
| Central West | 2.68 | -0.92 | 74 | 3.60 |
| Central East | 2.92 | -0.37 | 89 | 3.29 |
| Eastern | 2.37 | -1.40 | 63 | 3.77 |
| Southern | 2.46 | -1.23 | 67 | 3.69 |
| New Shoreham | 2.18 | -1.51 | 59 | 3.69 |

| RI 2 month Jan-Feb 17 | Rainfall | Departure | Percent | Normal |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 7.90 | -0.34 | 96 | 8.24 |
| Northeast | 8.46 | 0.84 | 111 | 7.62 |
| Central West | 8.16 | 0.49 | 106 | 7.67 |
| Central East | 7.97 | 0.82 | 111 | 7.15 |
| Eastern | 7.31 | -0.31 | 96 | 7.62 |
| Southern | 7.67 | -0.13 | 98 | 7.80 |
| New Shoreham | 8.31 | 0.51 | 107 | 7.80 |

| RI 3 month Dec 16-Feb 17 | Rainfall | Departure | Percent | Normal |
|---------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 11.69 | -1.39 | 89 | 13.08 |
| Northeast | 11.85 | -0.51 | 96 | 12.36 |
| Central West | 11.94 | -0.33 | 97 | 12.27 |
| Central East | 11.40 | 0.03 | 100 | 11.37 |
| Eastern | 10.76 | -1.18 | 90 | 11.94 |
| Southern | 11.56 | -0.95 | 92 | 12.51 |
| New Shoreham | 12.41 | -0.10 | 99 | 12.51 |

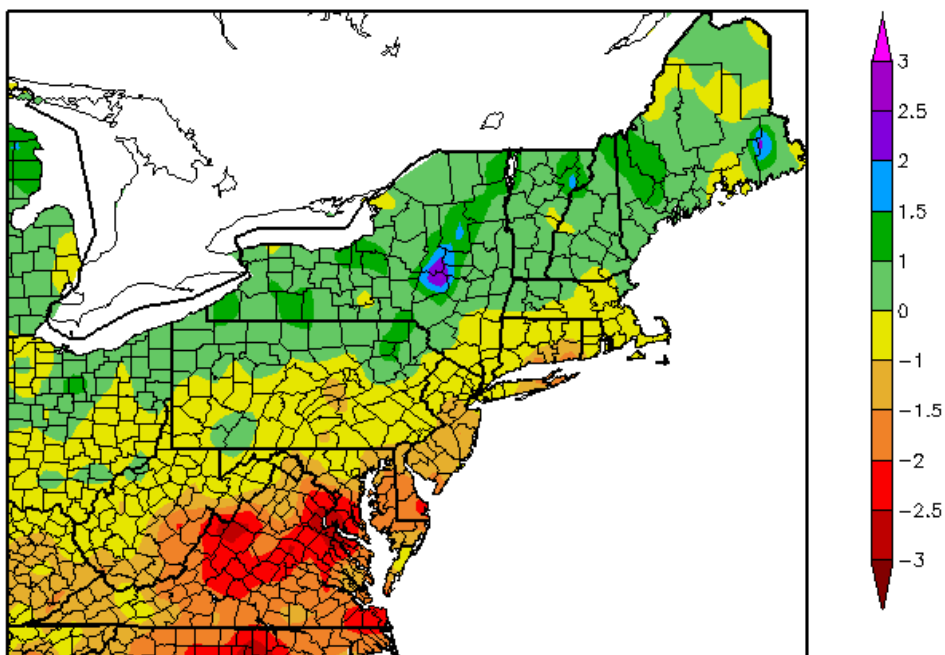
| RI 6 month Sep 16-Feb 17 | Rainfall | Departure | Percent | Normal |
|---------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 25.17 | -1.73 | 94 | 26.90 |
| Northeast | 23.26 | -2.48 | 90 | 25.74 |
| Central West | 26.07 | 0.62 | 102 | 25.45 |
| Central East | 21.75 | -1.98 | 92 | 23.73 |
| Eastern | 21.87 | -2.06 | 91 | 23.93 |
| Southern | 25.62 | -0.42 | 98 | 26.04 |
| New Shoreham | 24.97 | -1.07 | 96 | 26.04 |

| RI 12 month Mar 16-Feb 17 | Rainfall | Departure | Percent | Normal |
|----------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 46.51 | -7.19 | 87 | 53.70 |
| Northeast | 41.79 | -9.63 | 81 | 51.42 |
| Central West | 45.60 | -5.17 | 90 | 50.77 |
| Central East | 40.56 | -6.62 | 86 | 47.18 |
| Eastern | 36.64 | -11.90 | 75 | 48.54 |
| Southern | 42.00 | -10.87 | 79 | 52.87 |
| New Shoreham | 42.70 | -10.17 | 81 | 52.87 |

| RI 24 month Mar 15-Feb 17 | Rainfall | Departure | Percent | Normal |
|---------------------------|----------|-----------|---------|--------|
| Northwest | 91.45 | -15.95 | 85 | 107.40 |
| Northeast | 83.52 | -19.32 | 81 | 102.84 |
| Central West | 90.63 | -10.91 | 89 | 101.54 |
| Central East | 84.95 | -9.41 | 90 | 94.36 |
| Eastern | 83.68 | -13.40 | 86 | 97.08 |
| Southern | 87.83 | -17.91 | 83 | 105.74 |
| New Shoreham | 87.76 | -17.98 | 83 | 105.74 |

| RI 36 month Mar 14-Feb 17 | Rainfall | Departure | Percent | Normal |
|---------------------------|----------|-----------|---------|--------|
| Northwest | 138.71 | -22.39 | 86 | 161.10 |
| Northeast | 129.14 | -25.12 | 84 | 154.26 |
| Central West | 140.11 | -12.20 | 92 | 152.31 |
| Central East | 132.52 | -9.02 | 94 | 141.54 |
| Eastern | 129.35 | -16.27 | 89 | 145.62 |
| Southern | 136.91 | -21.70 | 86 | 158.61 |
| New Shoreham | 136.93 | -21.68 | 86 | 158.61 |

Monthly SPI 2/1/2017 - 2/28/2017

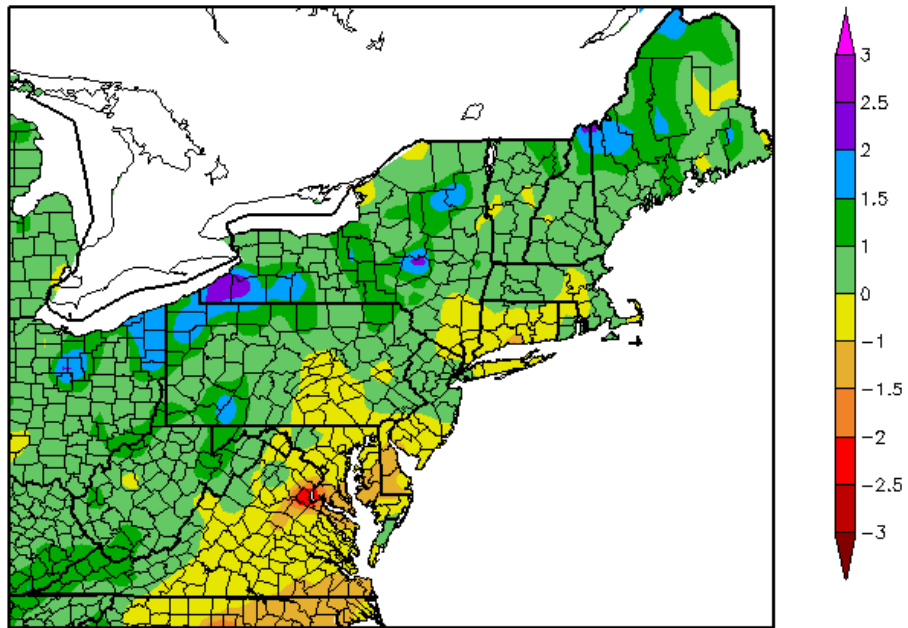


Generated 3/5/2017 at HPRCC using provisional data.

Regional Climate Centers

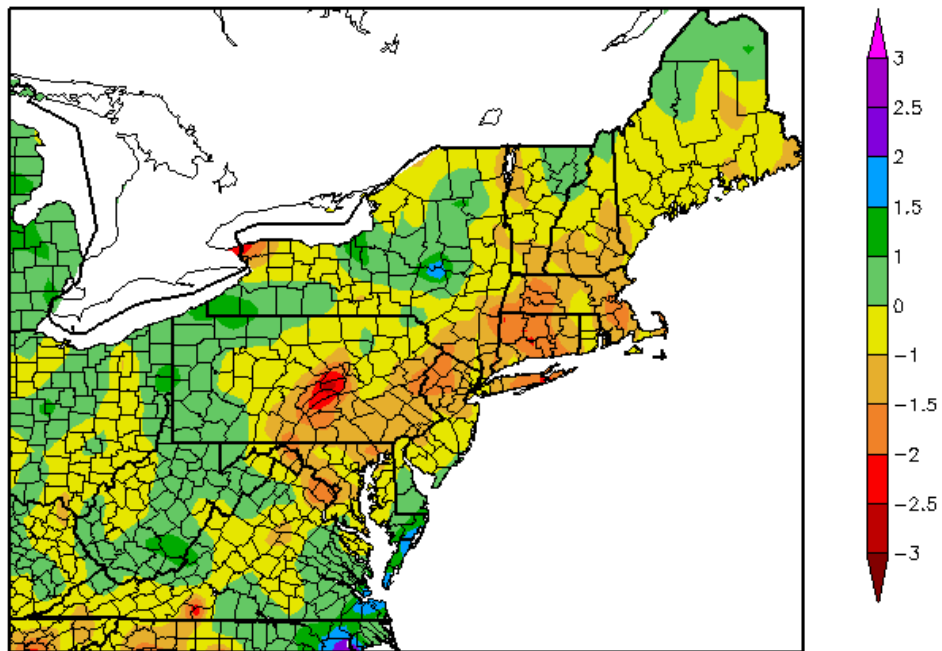
Map 1. One-month SPI for February 2017.

3-Month SPI 12/1/2016 – 2/28/2017



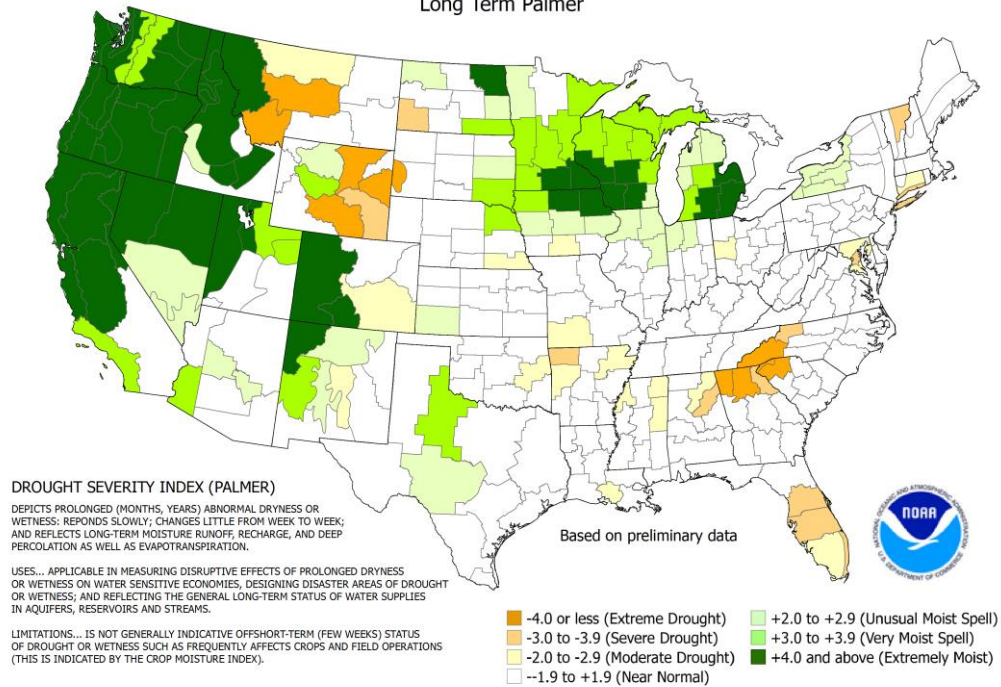
Generated 3/5/2017 at HPRCC using provisional data. Regional Climate Centers
Map 2. Three-month SPI ending February 2017.

12-Month SPI 3/1/2016 – 2/28/2017



Generated 3/5/2017 at HPRCC using provisional data. Regional Climate Centers
Map 3. Twelve month SPI ending February 2017.

Drought Severity Index by Division
Weekly Value for Period Ending Mar 04, 2017
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated March 4, 2017.
RI Palmer is in the Normal range, value -0.46.

U.S. Drought Monitor
Rhode Island

February 28, 2017
(Released Thursday, Mar. 2, 2017)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|--------|--------|--------|-------|-------|------|
| Current | 0.00 | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 |
| Last Week 2/21/2017 | 0.00 | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 |
| 3 Months Ago 11/29/2016 | 0.00 | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 |
| Start of Calendar Year 1/2/2017 | 0.00 | 100.00 | 100.00 | 0.00 | 0.00 | 0.00 |
| Start of Water Year 9/27/2016 | 0.00 | 100.00 | 100.00 | 84.31 | 0.01 | 0.00 |
| One Year Ago 3/1/2016 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Intensity

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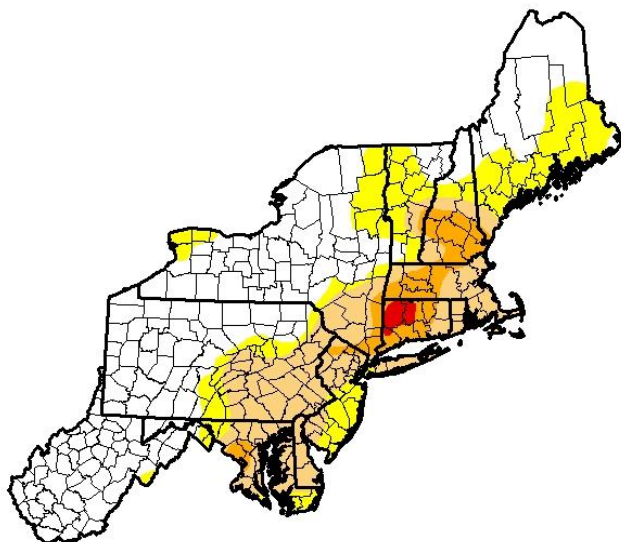


<http://droughtmonitor.unl.edu/>

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid February 28, 2017.

U.S. Drought Monitor Northeast

February 28, 2017
(Released Thursday, Mar. 2, 2017)
Valid 7 a.m. EST



| | Drought Conditions (Percent Area) | | | | | |
|---|-----------------------------------|-------|-------|-------|-------|------|
| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
| Current | 53.17 | 46.83 | 27.08 | 6.96 | 0.70 | 0.00 |
| Last Week 2/21/2017 | 48.49 | 51.51 | 28.01 | 6.53 | 0.70 | 0.00 |
| 3 Months Ago 11/29/2016 | 22.14 | 77.86 | 54.36 | 19.69 | 3.40 | 0.00 |
| Start of Calendar Year 1/3/2017 | 30.54 | 69.46 | 43.67 | 11.68 | 1.39 | 0.00 |
| Start of Water Year 9/27/2016 | 21.72 | 78.28 | 40.32 | 19.59 | 6.68 | 0.00 |
| One Year Ago 3/1/2016 | 96.26 | 3.74 | 0.00 | 0.00 | 0.00 | 0.00 |

Intensity

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

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

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NCEI/NOAA

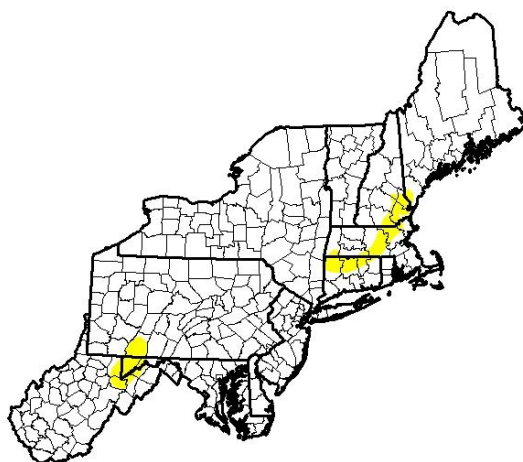


<http://droughtmonitor.unl.edu/>

Map 6. US Drought Monitor for the Northeast U.S. valid February 28, 2017.

U.S. Drought Monitor Northeast

March 1, 2016
(Released Thursday, Mar. 3, 2016)
Valid 7 a.m. EST



| | Drought Conditions (Percent Area) | | | | | |
|---|-----------------------------------|-------|-------|-------|-------|------|
| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
| Current | 96.26 | 3.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| Last Week 2/23/2016 | 83.96 | 16.04 | 2.33 | 0.00 | 0.00 | 0.00 |
| 3 Months Ago 12/1/2015 | 73.44 | 26.56 | 6.39 | 0.00 | 0.00 | 0.00 |
| Start of Calendar Year 12/29/2015 | 62.10 | 37.90 | 6.60 | 0.00 | 0.00 | 0.00 |
| Start of Water Year 9/29/2015 | 42.41 | 57.59 | 9.00 | 0.00 | 0.00 | 0.00 |
| One Year Ago 3/2/2015 | 83.25 | 16.75 | 0.00 | 0.00 | 0.00 | 0.00 |

Intensity

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

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

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

Map 7. One-year lookback- U.S. Drought Monitor valid March 1, 2016.