# Rhode Island Precipitation
# National Weather Service Taunton, MA

Preliminary Precipitation Data (inches) by Drought Region
Past 12 months ending February 2016
***Includes CoCoRaHS Data***

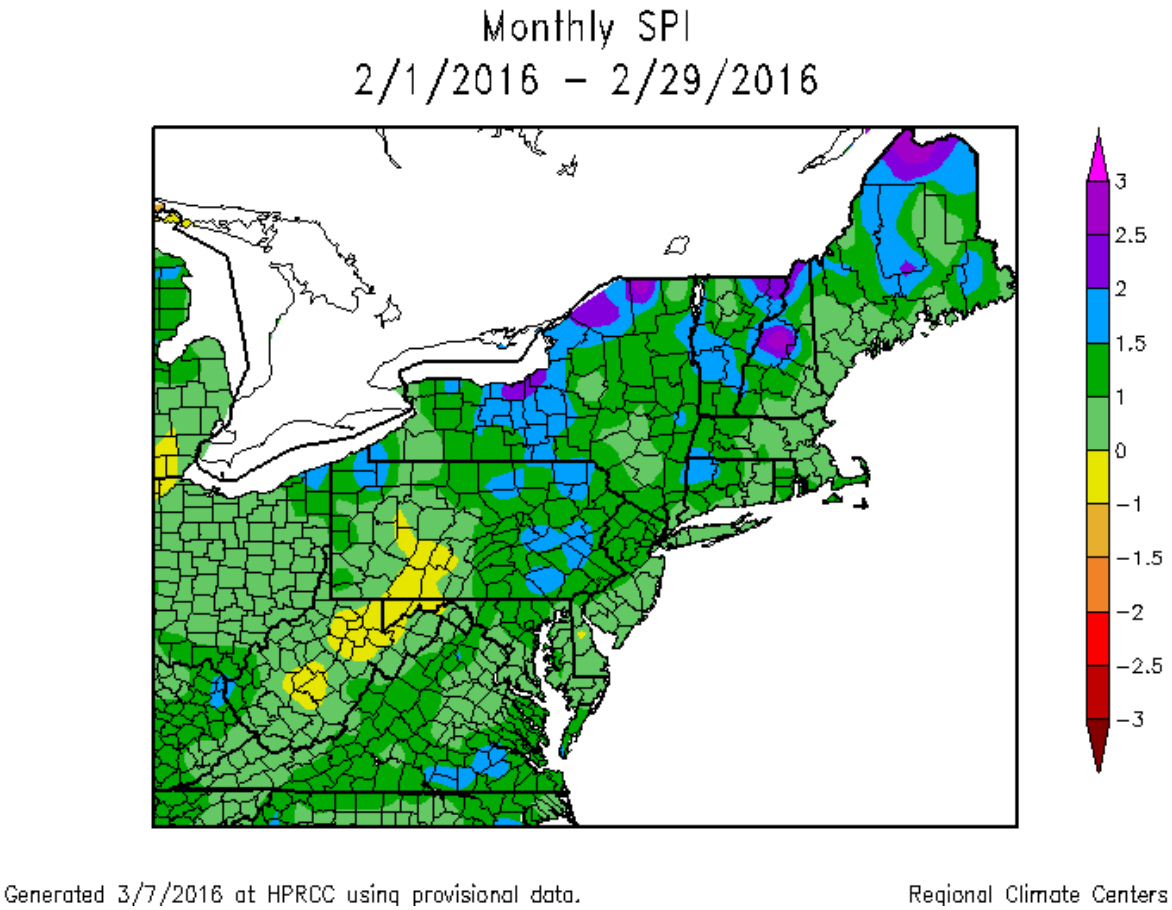
| **RI 1 month February 2016** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Northwest | 6.46 | 2.50 | 163 | 3.96 |
| Northeast | 5.39 | 1.84 | 152 | 3.55 |
| Central West | 5.28 | 1.68 | 147 | 3.60 |
| Central East | 5.35 | 2.06 | 163 | 3.29 |
| Eastern | 5.47 | 1.70 | 145 | 3.77 |
| Southern | 6.06 | 2.37 | 164 | 3.69 |
| New Shoreham | 4.83 | 1.14 | 131 | 3.69 |

| **RI 2 month Jan-Feb 16** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Northwest | 10.43 | 2.19 | 127 | 8.24 |
| Northeast | 9.48 | 1.86 | 124 | 7.62 |
| Central West | 9.91 | 2.24 | 129 | 7.67 |
| Central East | 8.50 | 1.35 | 119 | 7.15 |
| Eastern | 9.04 | 1.42 | 119 | 7.62 |
| Southern | 9.63 | 1.83 | 123 | 7.80 |
| New Shoreham | 8.49 | 0.69 | 109 | 7.80 |

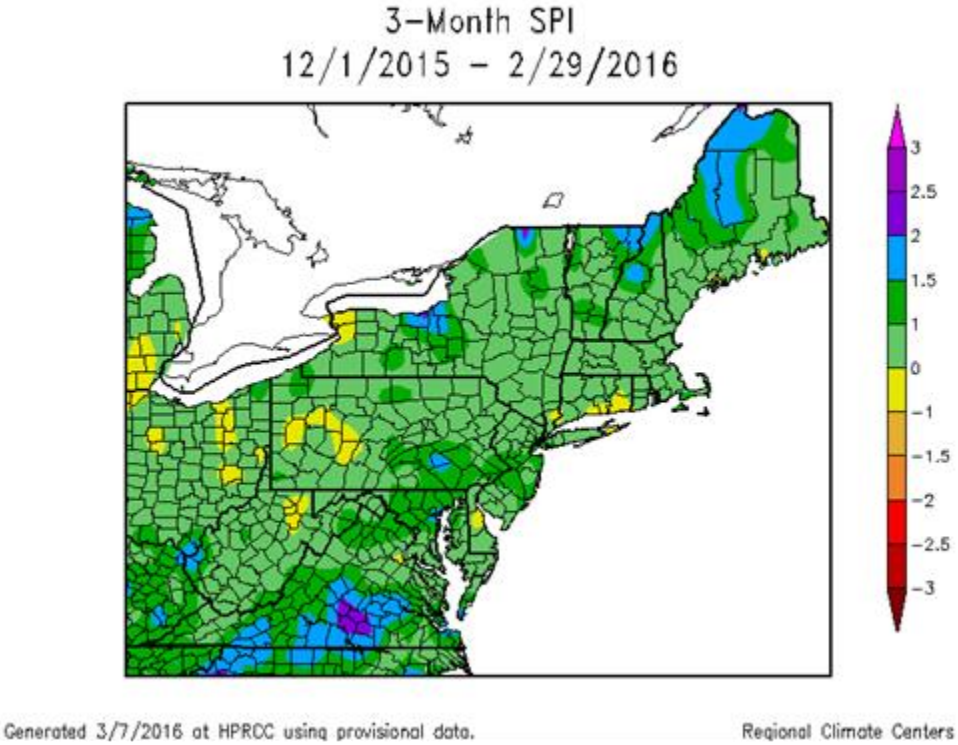
| **RI 3 month Dec 15-Feb 16** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Northwest | 14.76 | 1.68 | 113 | 13.08 |
| Northeast | 13.69 | 1.33 | 111 | 12.36 |
| Central West | 14.69 | 2.42 | 120 | 12.27 |
| Central East | 13.53 | 2.16 | 119 | 11.37 |
| Eastern | 14.79 | 2.85 | 124 | 11.94 |
| Southern | 15.63 | 3.12 | 125 | 12.51 |
| New Shoreham | 13.63 | 1.12 | 109 | 12.51 |

| **RI 6 month Sep 15-Feb 16** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Northwest | 25.09 | -1.81 | 93 | 26.90 |
| Northeast | 23.34 | -2.40 | 91 | 25.74 |
| Central West | 25.41 | -0.04 | 100 | 25.45 |
| Central East | 22.15 | -1.58 | 93 | 23.73 |
| Eastern | 26.84 | 2.91 | 112 | 23.93 |
| Southern | 27.02 | 0.98 | 104 | 26.04 |
| New Shoreham | 25.55 | -0.49 | 98 | 26.04 |

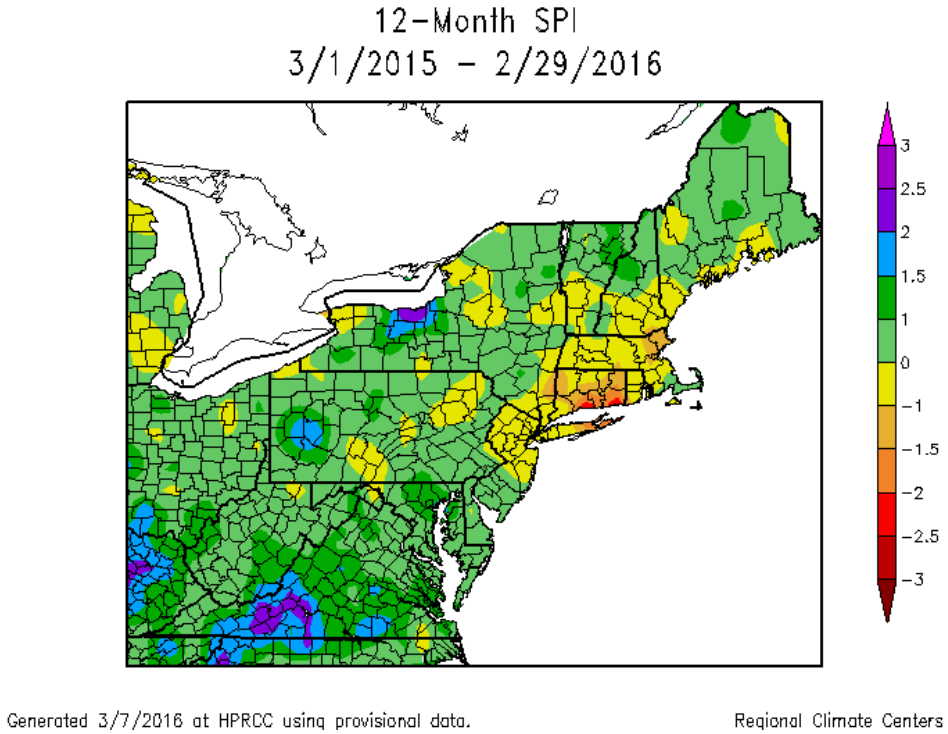
| RI 12 month Mar 15-Feb 16 | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Northwest | 44.94 | -8.76 | 84 | 53.70 |
| Northeast | 41.73 | -9.69 | 81 | 51.42 |
| Central West | 45.03 | -5.74 | 89 | 50.77 |
| Central East | 44.39 | -2.79 | 94 | 47.18 |
| Eastern | 47.04 | -1.50 | 97 | 48.54 |
| Southern | 45.83 | -7.04 | 87 | 52.87 |
| New Shoreham | 45.06 | -7.81 | 85 | 52.87 |



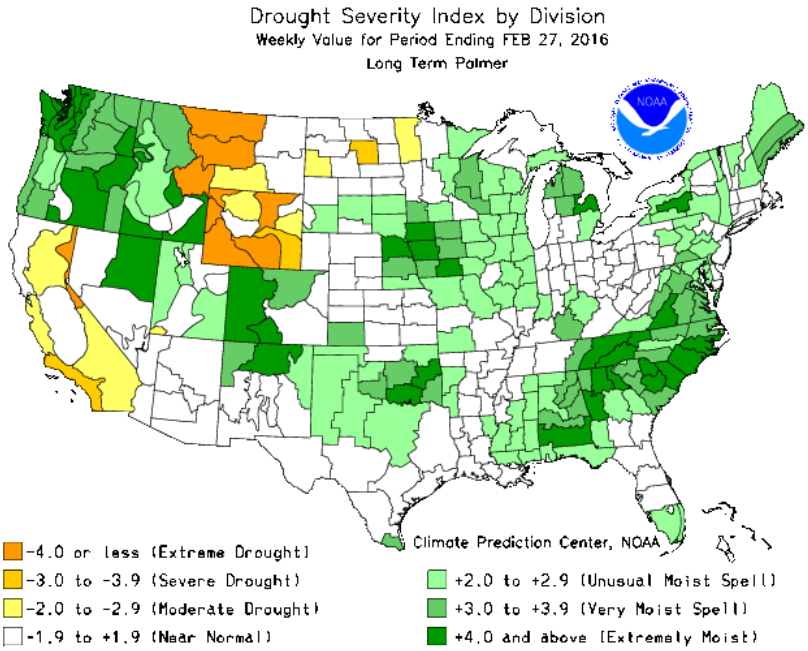

Map 1. February 2016 SPI.



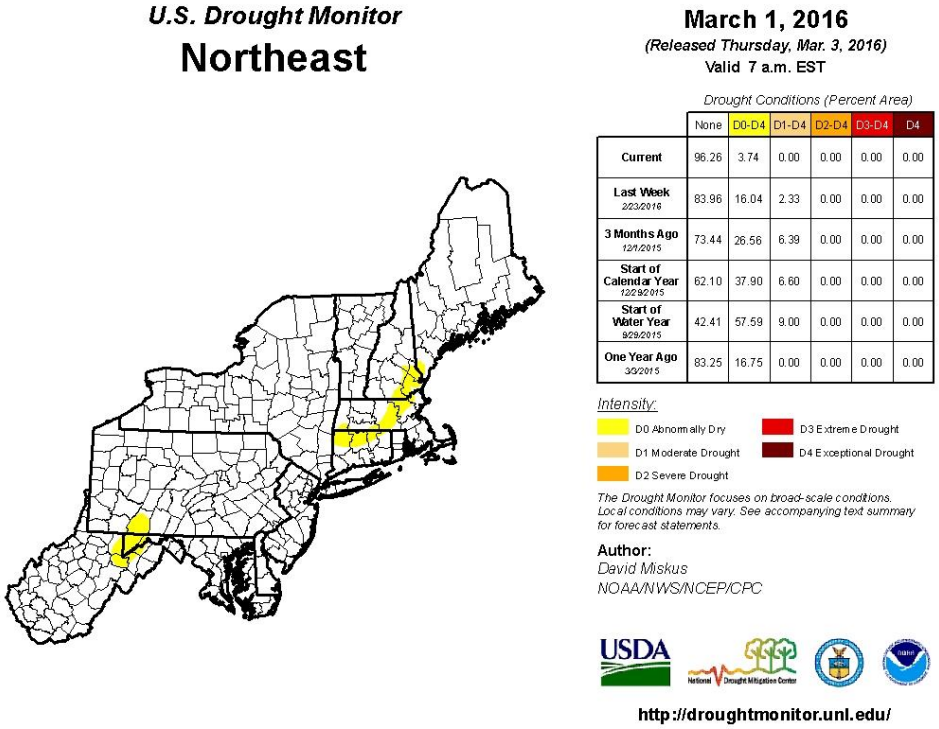

Map 2. 3 Month SPI ending February 2016.




Map 3. 12 Month SPI ending February 2016.

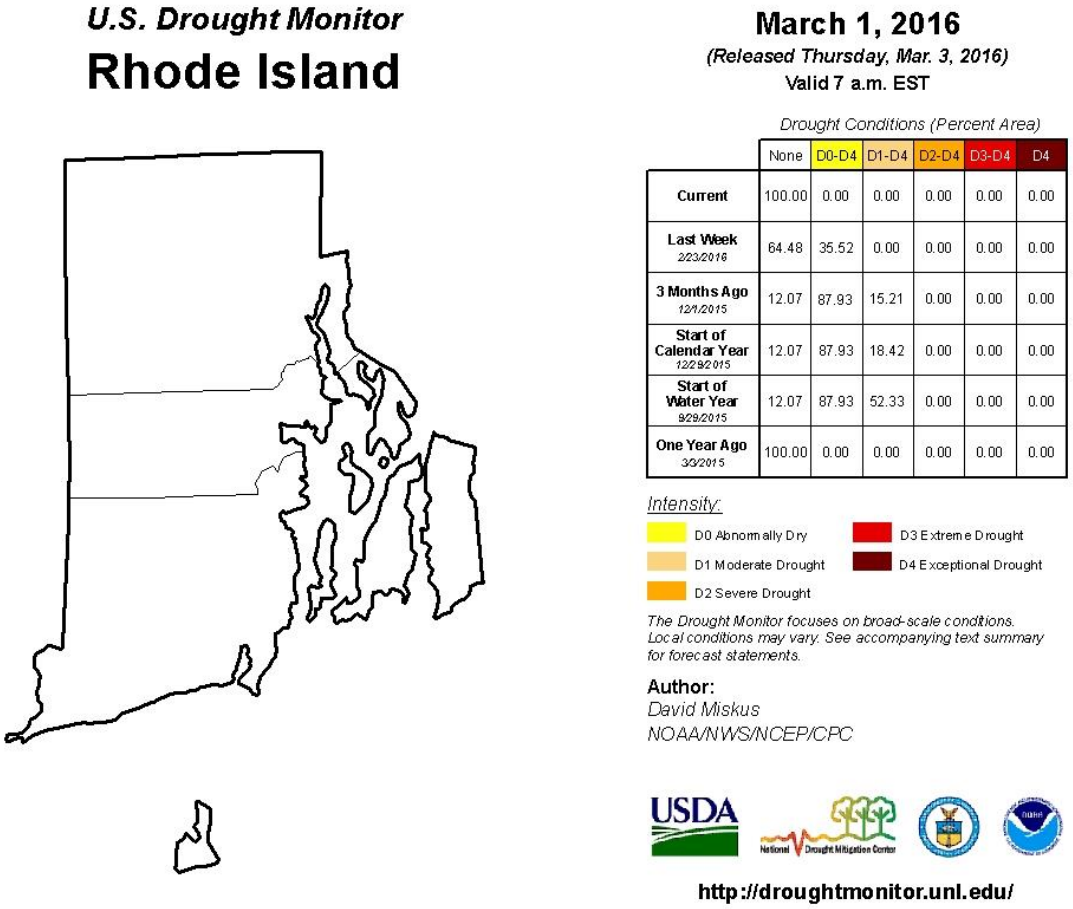



Map 4. Palmer Drought Index from the National Climatic Data Center, NOAA, dated 2/27/2016. RI Palmer is in the Mid-Range +1.49 (Normal).




| | 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 3/3/2015 | 83.25 | 16.75 | 0.00 | 0.00 | 0.00 | 0.00 |

Map 5. US Drought Monitor valid March 1, 2016.




| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|---|---|---|---|---|---|
| **Current** | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Last Week** 2/23/2016 | 64.48 | 35.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| **3 Months Ago** 12/1/2015 | 12.07 | 87.93 | 15.21 | 0.00 | 0.00 | 0.00 |
| **Start of Calendar Year** 12/29/2015 | 12.07 | 87.93 | 18.42 | 0.00 | 0.00 | 0.00 |
| **Start of Water Year** 9/29/2015 | 12.07 | 87.93 | 52.33 | 0.00 | 0.00 | 0.00 |
| **One Year Ago** 3/3/2015 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Map 6. U.S. Drought Monitor zoom-in on Rhode Island, valid March 1, 2016.