

**Rhode Island Precipitation**  
**National Weather Service Taunton, MA**  
Preliminary Precipitation Data (inches) by Drought Region  
Past 12 to 36 months ending February 2018  
*Includes CoCoRaHS Data*

<b>RI 1 month February 2018</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	5.15	1.19	130	3.96
Northeast	4.78	1.23	135	3.55
Central West	5.96	2.36	166	3.60
Central East	5.38	2.09	164	3.29
Eastern	6.10	2.33	162	3.77
Southern	6.45	2.76	175	3.69
New Shoreham	6.34	2.65	172	3.69

<b>RI 2 month Jan-Feb 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	10.66	2.42	129	8.24
Northeast	10.16	2.54	133	7.62
Central West	12.31	4.64	160	7.67
Central East	11.86	4.71	166	7.15
Eastern	12.18	4.56	160	7.62
Southern	12.86	5.06	165	7.80
New Shoreham	11.78	3.98	151	7.80

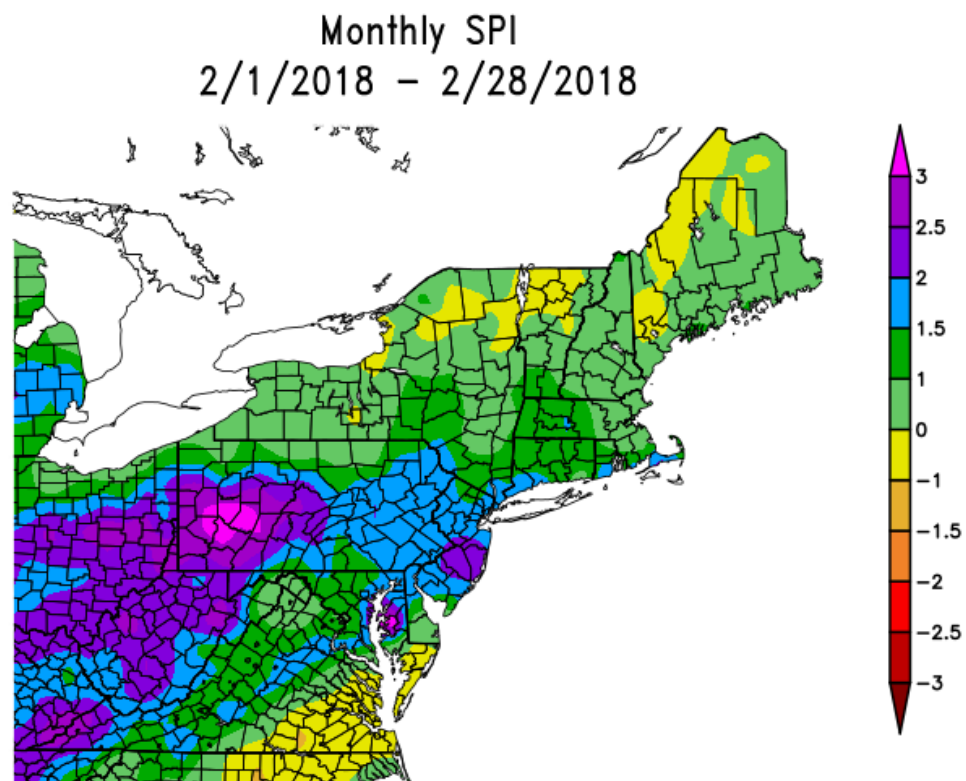
<b>RI 3 month Dec 17-Feb 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	14.10	1.02	108	13.08
Northeast	13.36	1.00	108	12.36
Central West	15.39	3.12	125	12.27
Central East	14.12	2.75	124	11.37
Eastern	14.94	3.00	125	11.94
Southern	15.52	3.01	124	12.51
New Shoreham	14.44	1.93	115	12.51

<b>RI 6 month Sep 17-Feb 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	28.75	1.85	107	26.90
Northeast	25.24	-0.50	98	25.74
Central West	29.39	3.94	115	25.45
Central East	25.84	2.11	109	23.73
Eastern	26.65	2.72	111	23.93
Southern	29.60	3.56	114	26.04
New Shoreham	26.08	0.04	100	26.04

<b>RI 12 month Mar 17-Feb 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	55.72	2.02	104	53.70
Northeast	52.37	0.95	102	51.42
Central West	56.84	6.07	112	50.77
Central East	54.48	7.30	115	47.18
Eastern	50.85	2.31	105	48.54
Southern	56.42	3.55	107	52.87
New Shoreham	50.35	-2.52	95	52.87

RI 24 month Mar 16-Feb 18	Rainfall	Departure	Percent	Normal
Northwest	102.23	-5.17	95	107.40
Northeast	94.16	-8.68	92	102.84
Central West	102.44	0.90	101	101.54
Central East	95.04	0.68	101	94.36
Eastern	87.49	-9.59	90	97.08
Southern	98.42	-7.32	93	105.74
New Shoreham	93.05	-12.69	88	105.74

RI 36 month Mar 15-Feb 18	Rainfall	Departure	Percent	Normal
Northwest	147.17	-13.93	91	161.10
Northeast	135.89	-18.37	88	154.26
Central West	147.47	-4.84	97	152.31
Central East	139.43	-2.11	99	141.54
Eastern	134.53	-11.09	92	145.62
Southern	144.25	-14.36	91	158.61
New Shoreham	138.11	-20.50	87	158.61

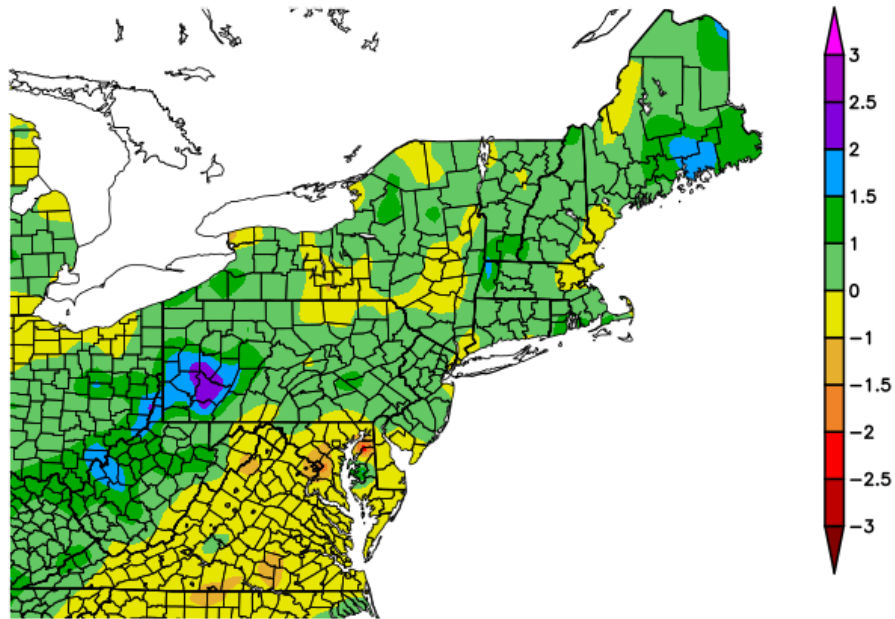


Generated 3/10/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for February 2018.

### 3-Month SPI 12/1/2017 – 2/28/2018

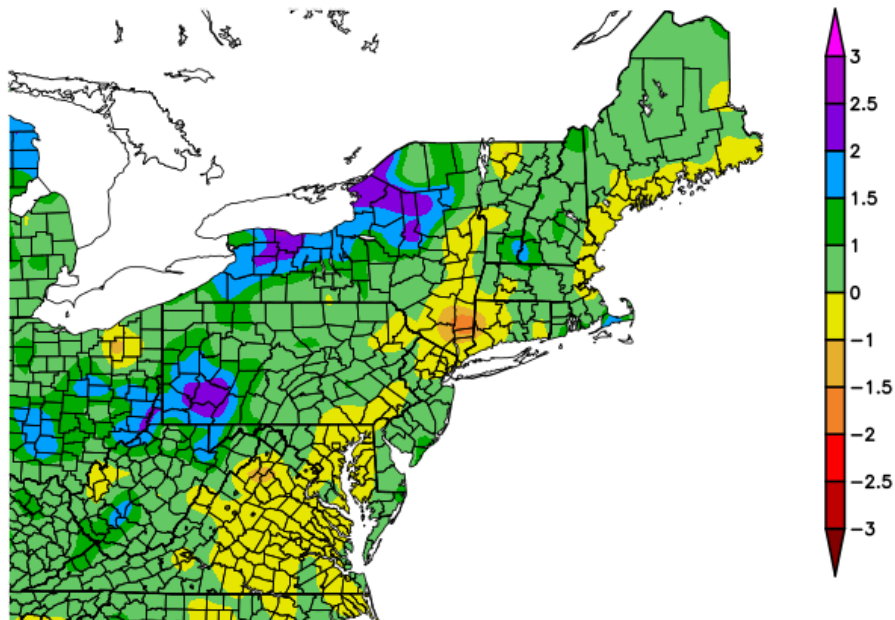


Generated 3/10/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 2. 3-Month SPI ending February 2018.

### 12-Month SPI 3/1/2017 – 2/28/2018

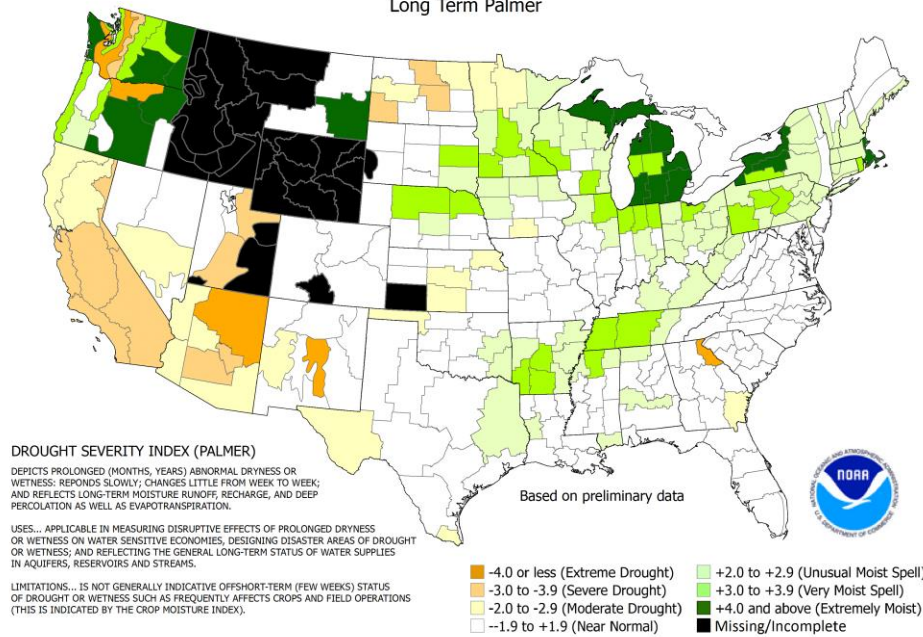


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NOAA Regional Climate Centers

Map 3. Twelve month SPI ending February 2018.

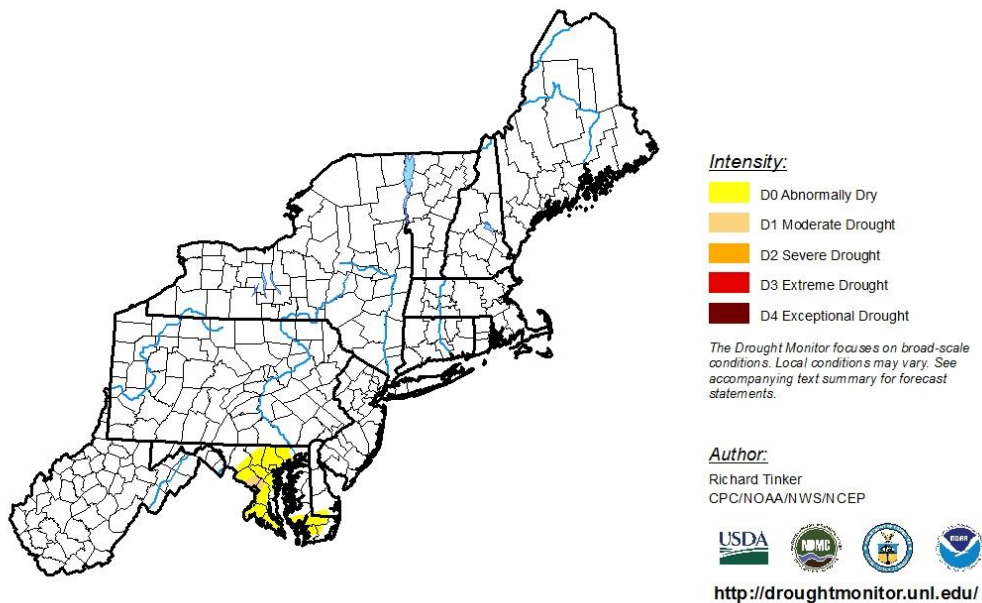
Drought Severity Index by Division  
Weekly Value for Period Ending Mar 10, 2018  
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated March 10, 2018.  
**RI Palmer is in the Very Moist Spell range, value +3.61.**

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

**March 13, 2018**  
(Released Thursday, Mar. 15, 2018)  
Valid 8 a.m. EDT



Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid March 13, 2018.

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

**March 13, 2018**  
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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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<http://droughtmonitor.unl.edu/>

Map 6. US Drought Monitor for the Northeast U.S. valid March 13, 2018.