

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

<b>RI 1 month April 2018</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	5.43	0.73	116	4.70
Northeast	6.35	1.62	134	4.73
Central West	5.41	0.81	118	4.60
Central East	5.77	1.41	132	4.36
Eastern	5.12	0.30	106	4.82
Southern	4.62	-0.42	92	5.04
New Shoreham	3.95	-1.09	78	5.04

<b>RI 2 month Mar-Apr 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	12.17	2.02	120	10.15
Northeast	12.84	3.09	132	9.75
Central West	11.08	1.32	114	9.76
Central East	11.26	1.89	120	9.37
Eastern	11.06	0.56	105	10.50
Southern	10.39	-0.19	98	10.58
New Shoreham	10.28	-0.30	97	10.58

<b>RI 3 month Feb-Apr 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	17.35	3.24	123	14.11
Northeast	17.62	4.32	132	13.30
Central West	17.04	3.68	128	13.36
Central East	16.64	3.98	131	12.66
Eastern	17.16	2.89	120	14.27
Southern	16.84	2.57	118	14.27
New Shoreham	16.62	2.35	116	14.27

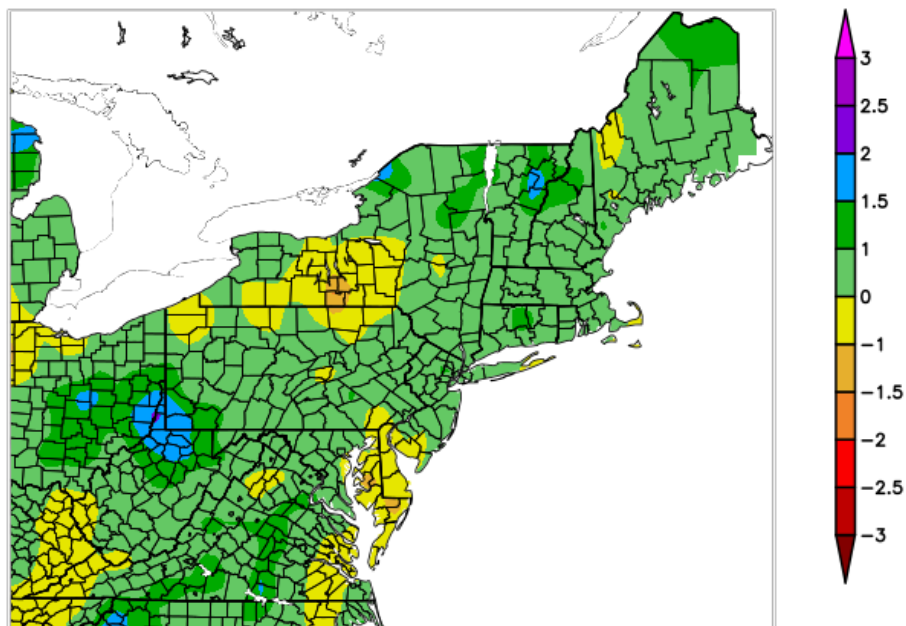
<b>RI 6 month Nov 17-Apr 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	28.96	0.77	103	28.19
Northeast	28.43	1.53	106	26.90
Central West	29.14	2.36	109	26.78
Central East	28.27	3.02	112	25.25
Eastern	29.26	2.49	109	26.77
Southern	29.16	1.02	104	28.14
New Shoreham	27.53	-0.61	98	28.14

<b>RI 12 month May 17-Apr 18</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	58.68	4.98	109	53.70
Northeast	55.69	4.27	108	51.42
Central West	57.69	6.92	114	50.77
Central East	54.07	6.89	115	47.18
Eastern	51.06	2.52	105	48.54
Southern	54.97	2.10	104	52.87
New Shoreham	51.38	-1.49	97	52.87

RI 24 month May 16-Apr 18	Rainfall	Departure	Percent	Normal
Northwest	107.49	0.09	100	107.40
Northeast	100.01	-2.83	97	102.84
Central West	106.32	4.78	105	101.54
Central East	99.29	4.93	105	94.36
Eastern	92.26	-4.82	95	97.08
Southern	101.44	-4.30	96	105.74
New Shoreham	95.67	-10.07	90	105.74

RI 36 month May 15-Apr 18	Rainfall	Departure	Percent	Normal
Northwest	151.63	-9.47	94	161.10
Northeast	141.74	-12.52	92	154.26
Central West	150.57	-1.74	99	152.31
Central East	143.48	1.94	101	141.54
Eastern	138.48	-7.14	95	145.62
Southern	147.27	-11.34	93	158.61
New Shoreham	141.43	-17.18	89	158.61

### Monthly SPI 4/1/2018 – 4/30/2018

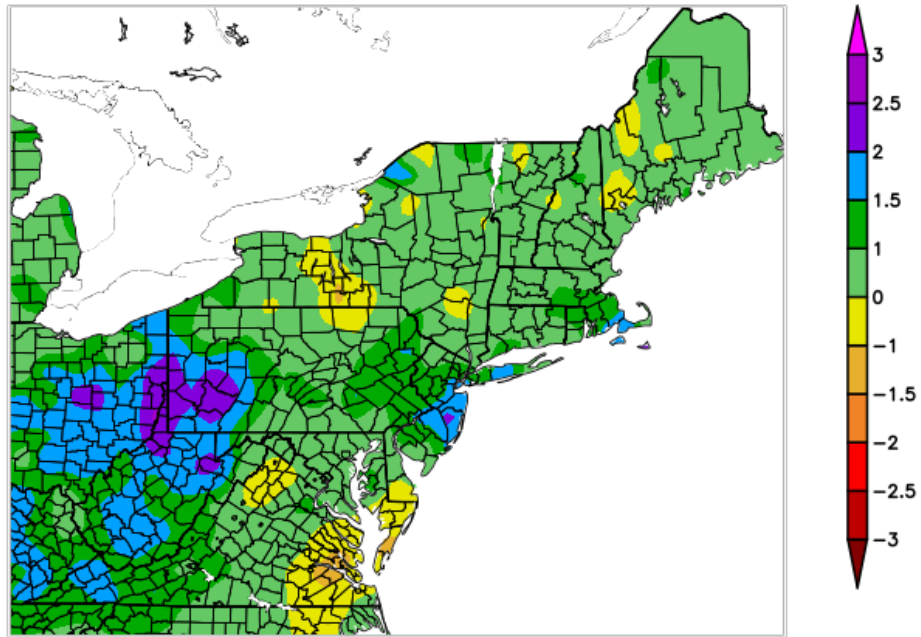


Generated 5/2/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

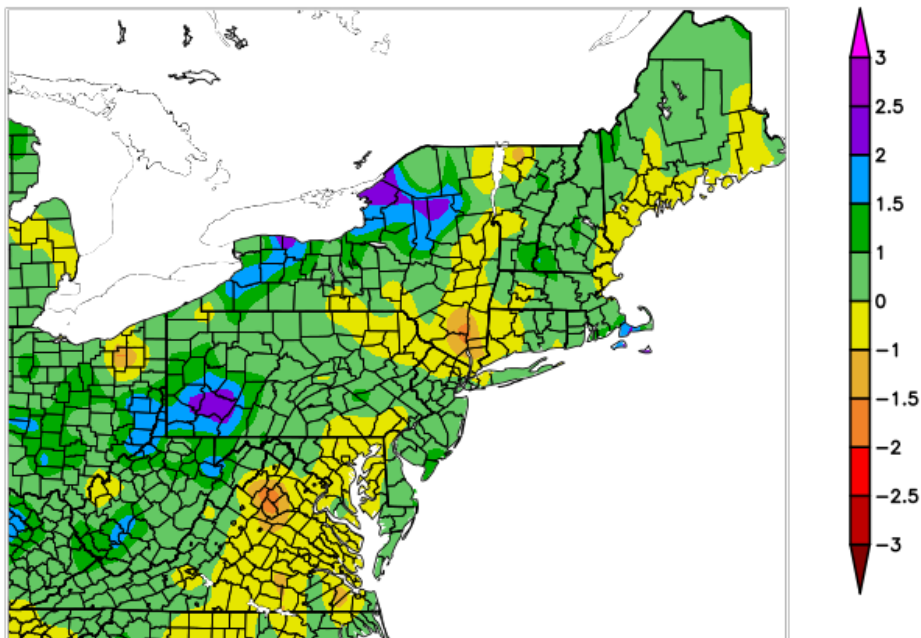
Map 1. 1 Month SPI for April 2018.

### 3-Month SPI 2/1/2018 – 4/30/2018

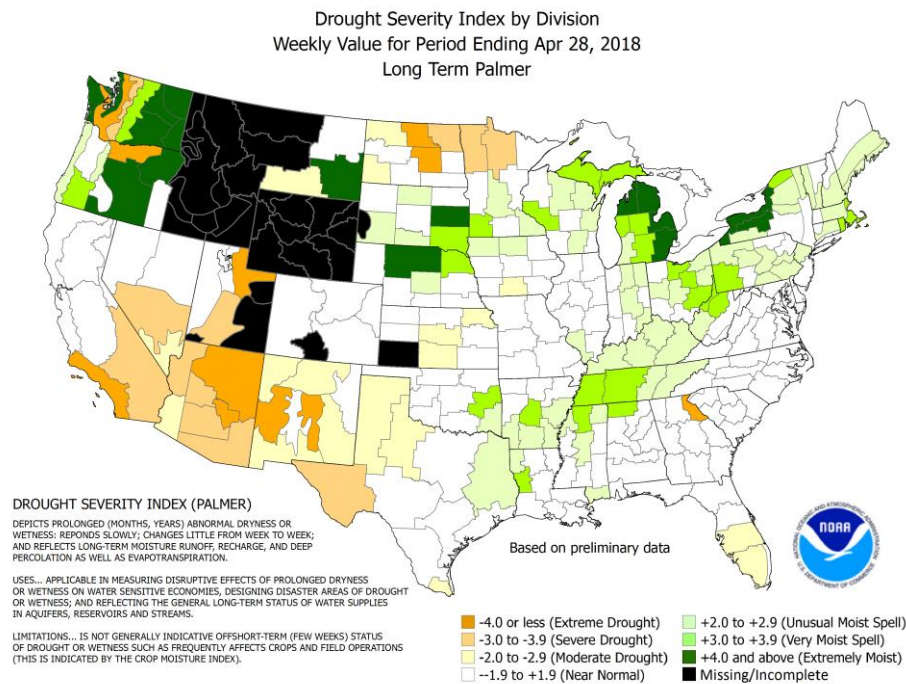


Generated 5/2/2018 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 2. 3-Month SPI ending April 2018.

### 12-Month SPI 5/1/2017 – 4/30/2018



Generated 5/2/2018 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 3. Twelve month SPI ending April 2018.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated April 28, 2018.

**RI Palmer is in the Very Moist Spell range, +3.16.**

## U.S. Drought Monitor Rhode Island

**April 24, 2018**  
(Released Thursday, Apr. 26, 2018)  
Valid 8 a.m. EDT



### 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:

Brad Rippey  
U.S. Department of Agriculture

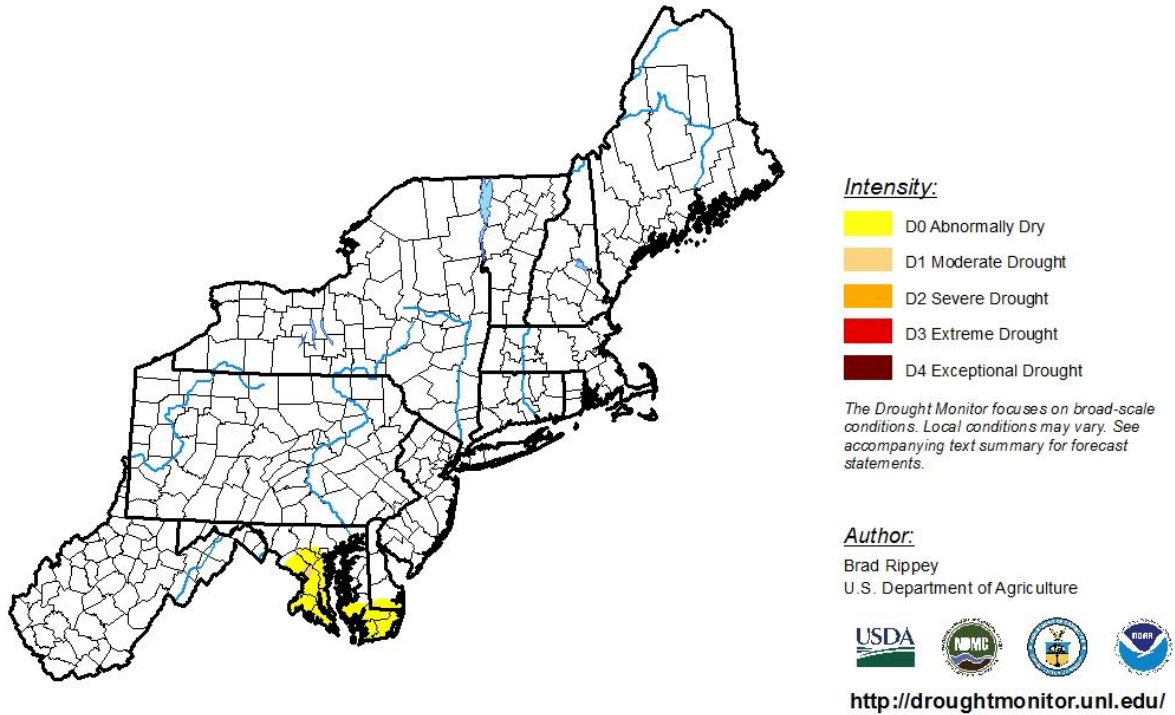


<http://droughtmonitor.unl.edu/>

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid April 24, 2018.

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

**April 24, 2018**  
(Released Thursday, Apr. 26, 2018)  
Valid 8 a.m. EDT



Map 6. US Drought Monitor for the Northeast U.S. valid April 24, 2018.