

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

RI 1 month March 2018	Rainfall	Departure	Percent	Normal
Northwest	6.48	1.03	119	5.45
Northeast	6.49	1.47	129	5.02
Central West	5.67	0.51	110	5.16
Central East	5.49	0.48	110	5.01
Eastern	5.94	0.26	105	5.68
Southern	5.77	0.23	104	5.54
New Shoreham	6.33	0.79	114	5.54

RI 2 month Feb-Mar 18	Rainfall	Departure	Percent	Normal
Northwest	11.66	2.25	124	9.41
Northeast	11.27	2.70	132	8.57
Central West	11.63	2.87	133	8.76
Central East	10.87	2.57	131	8.30
Eastern	12.04	2.59	127	9.45
Southern	12.22	2.99	132	9.23
New Shoreham	12.67	3.44	137	9.23

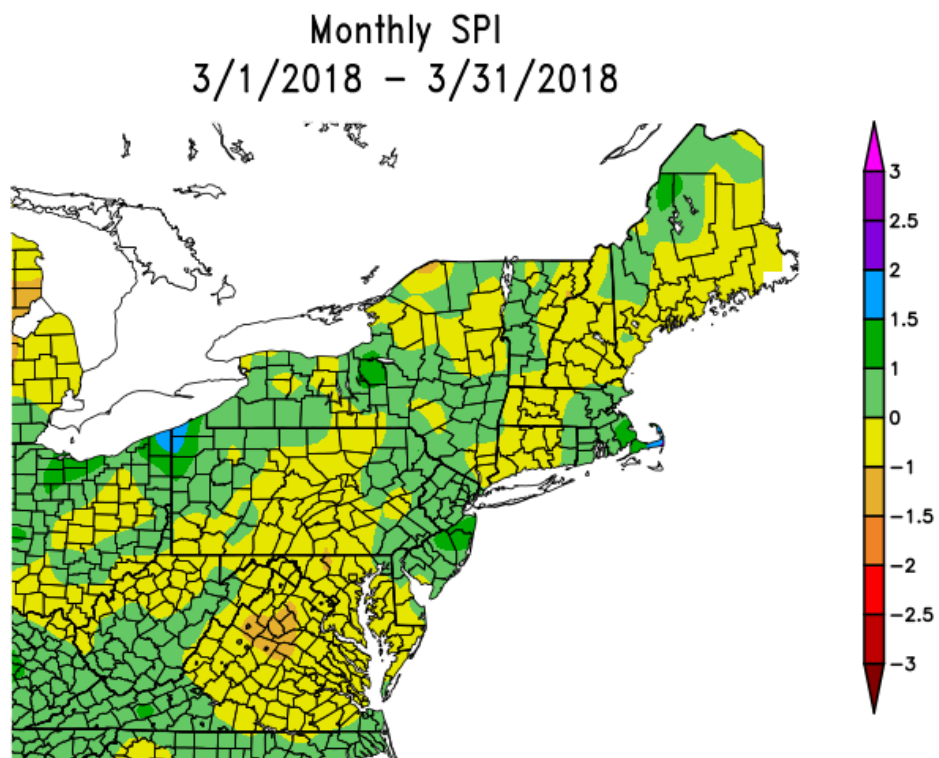
RI 3 month Jan-Mar 18	Rainfall	Departure	Percent	Normal
Northwest	17.17	3.48	125	13.69
Northeast	16.65	4.01	132	12.64
Central West	17.98	5.15	140	12.83
Central East	17.35	5.19	143	12.16
Eastern	18.12	4.82	136	13.30
Southern	18.63	5.29	140	13.34
New Shoreham	18.11	4.77	136	13.34

RI 6 month Oct 17-Mar 18	Rainfall	Departure	Percent	Normal
Northwest	32.60	4.34	115	28.26
Northeast	29.33	2.51	109	26.82
Central West	32.64	6.01	123	26.63
Central East	28.77	3.95	116	24.82
Eastern	30.41	4.53	118	25.88
Southern	32.22	4.86	118	27.36
New Shoreham	30.45	3.09	111	27.36

RI 12 month Apr 17-Mar 18	Rainfall	Departure	Percent	Normal
Northwest	58.34	4.64	109	53.70
Northeast	55.77	4.35	108	51.42
Central West	59.19	8.42	117	50.77
Central East	56.29	9.11	119	47.18
Eastern	53.20	4.66	110	48.54
Southern	57.97	5.10	110	52.87
New Shoreham	53.69	0.82	102	52.87

RI 24 month Apr 16-Mar 18	Rainfall	Departure	Percent	Normal
Northwest	106.57	-0.83	99	107.40
Northeast	98.26	-4.58	96	102.84
Central West	105.70	4.16	104	101.54
Central East	97.85	3.49	104	94.36
Eastern	90.70	-6.38	93	97.08
Southern	101.10	-4.64	96	105.74
New Shoreham	95.91	-9.83	91	105.74

RI 36 month Apr 15-Mar 18	Rainfall	Departure	Percent	Normal
Northwest	149.79	-11.31	93	161.10
Northeast	138.89	-15.37	90	154.26
Central West	148.41	-3.90	97	152.31
Central East	140.28	-1.26	99	141.54
Eastern	135.70	-9.92	93	145.62
Southern	144.63	-13.98	91	158.61
New Shoreham	139.66	-18.95	88	158.61

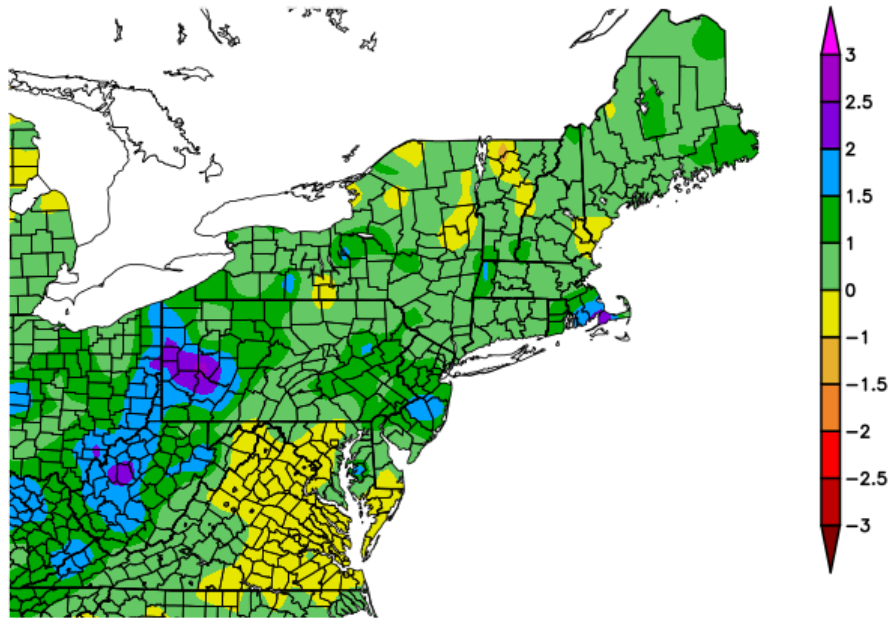


Generated 4/10/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for March 2018.

3-Month SPI 1/1/2018 – 3/31/2018

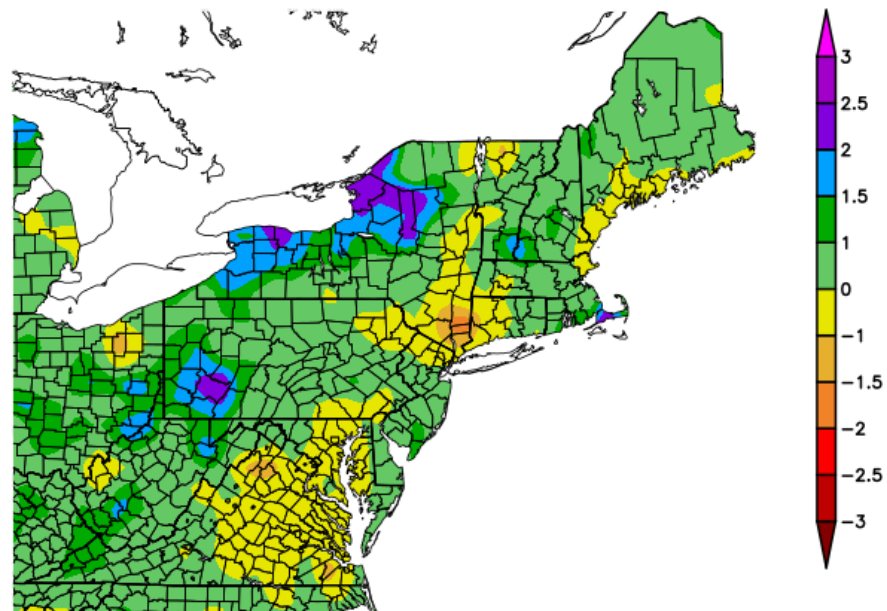


Generated 4/10/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 2. 3-Month SPI ending March 2018.

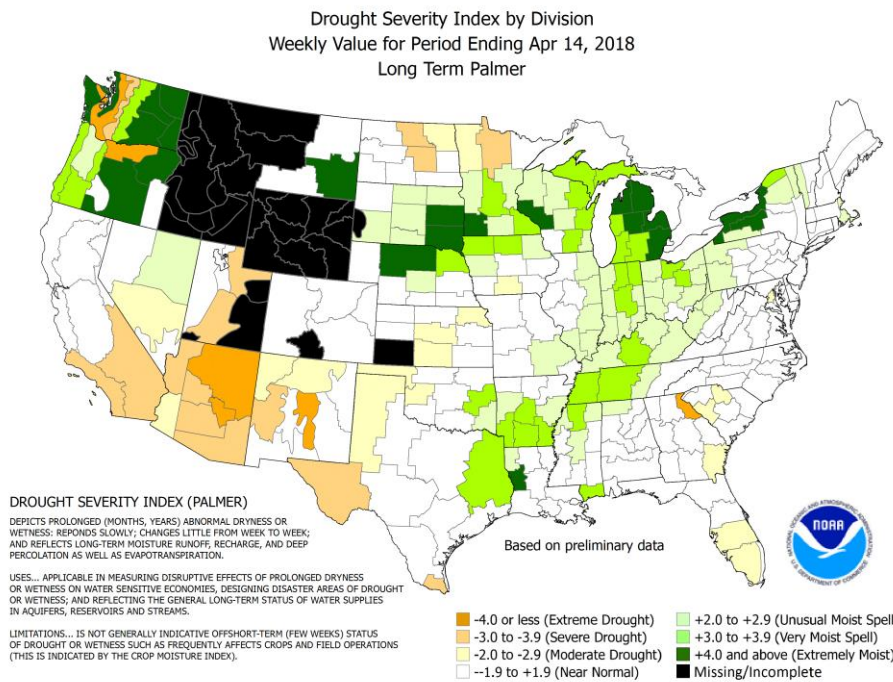
12-Month SPI 4/1/2017 – 3/31/2018



Generated 4/10/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 3. Twelve month SPI ending March 2018.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated April 14, 2018.
RI Palmer is in the Normal range, +1.65.

U.S. Drought Monitor Rhode Island

April 17, 2018
 (Released Thursday, Apr. 19, 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.

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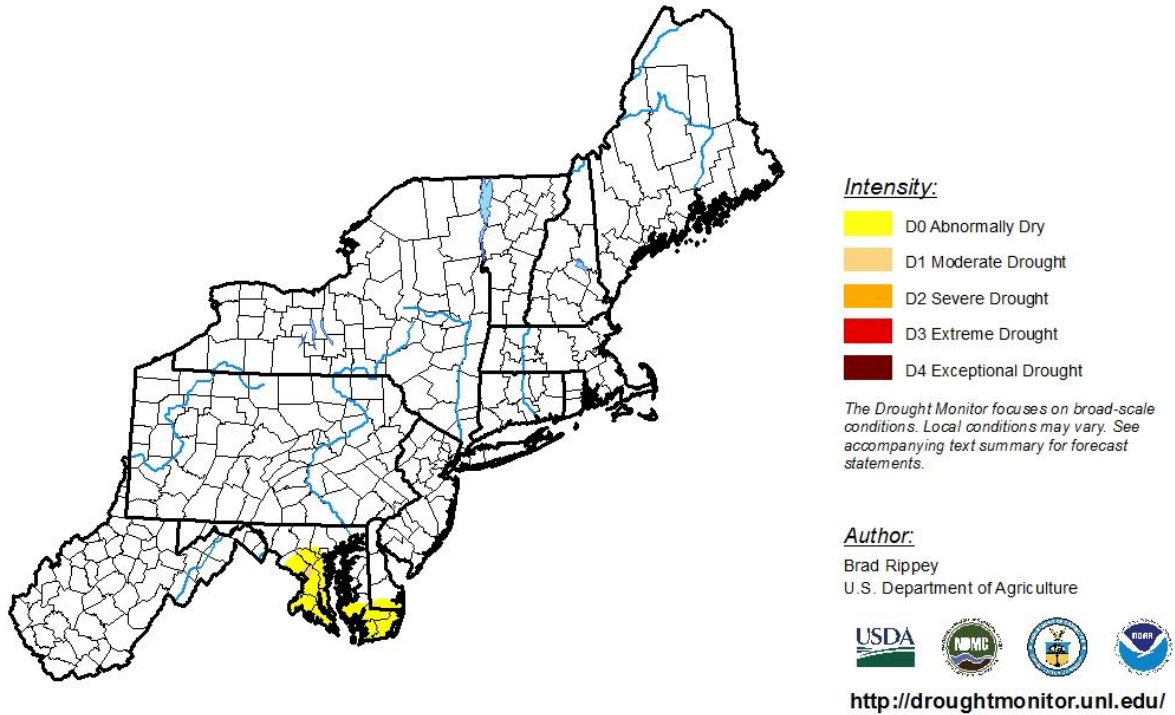


<http://droughtmonitor.unl.edu/>

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid April 17, 2018.

U.S. Drought Monitor
Northeast

April 17, 2018
(Released Thursday, Apr. 19, 2018)
Valid 8 a.m. EDT



Map 6. US Drought Monitor for the Northeast U.S. valid April 17, 2018.