

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending April 2019
Includes CoCoRaHS Data

RI 1 month April 2019	Rainfall	Departure	Percent	Normal
Northwest	8.27	3.57	176	4.70
Northeast	7.94	3.21	168	4.73
Central West	8.06	3.46	175	4.60
Central East	7.40	3.04	170	4.36
Eastern	5.77	0.95	120	4.82
Southern	7.78	2.74	154	5.04
New Shoreham	4.96	-0.08	98	5.04

RI 2 month Mar-Apr 19	Rainfall	Departure	Percent	Normal
Northwest	11.80	1.65	116	10.15
Northeast	11.31	1.56	116	9.75
Central West	11.54	1.78	118	9.76
Central East	10.83	1.46	116	9.37
Eastern	9.60	-0.90	91	10.50
Southern	11.70	1.12	111	10.58
New Shoreham	8.52	-2.06	81	10.58

RI 3 month Feb-Apr 19	Rainfall	Departure	Percent	Normal
Northwest	15.04	0.93	107	14.11
Northeast	14.78	1.48	111	13.30
Central West	15.33	1.97	115	13.36
Central East	14.52	1.86	115	12.66
Eastern	13.47	-0.80	94	14.27
Southern	15.52	1.25	109	14.27
New Shoreham	12.52	-1.75	88	14.27

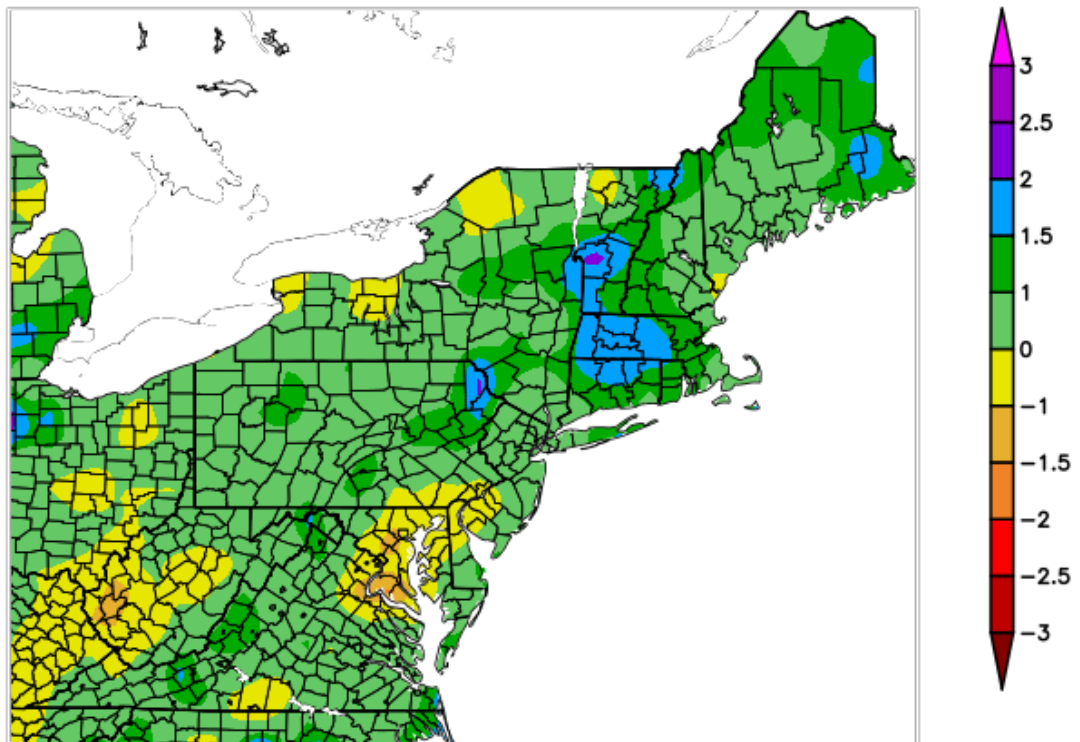
RI 6 month Nov 18-Apr 19	Rainfall	Departure	Percent	Normal
Northwest	36.72	8.53	130	28.19
Northeast	35.95	9.05	134	26.90
Central West	37.95	11.17	142	26.78
Central East	36.14	10.89	143	25.25
Eastern	32.85	6.08	123	26.77
Southern	36.95	8.81	131	28.14
New Shoreham	32.88	4.74	117	28.14

RI 12 month May 18-Apr 19	Rainfall	Departure	Percent	Normal
Northwest	68.17	14.47	127	53.70
Northeast	65.28	13.86	127	51.42
Central West	68.32	17.55	135	50.77
Central East	64.36	17.18	136	47.18
Eastern	54.41	5.87	112	48.54
Southern	61.23	8.36	116	52.87
New Shoreham	53.93	1.06	102	52.87

RI 24 month May 17-Apr 19	Rainfall	Departure	Percent	Normal
Northwest	127.11	19.71	118	107.40
Northeast	120.97	18.13	118	102.84
Central West	126.01	24.47	124	101.54
Central East	118.43	24.07	126	94.36
Eastern	105.47	8.39	109	97.08
Southern	116.20	10.46	110	105.74
New Shoreham	105.31	-0.43	100	105.74

RI 36 month May 16-Apr 19	Rainfall	Departure	Percent	Normal
Northwest	175.92	14.82	109	161.10
Northeast	165.29	11.03	107	154.26
Central West	174.64	22.33	115	152.31
Central East	163.65	22.11	116	141.54
Eastern	146.67	1.05	101	145.62
Southern	162.67	4.06	103	158.61
New Shoreham	149.60	-9.01	94	158.61

Monthly SPI 4/1/2019 – 4/30/2019

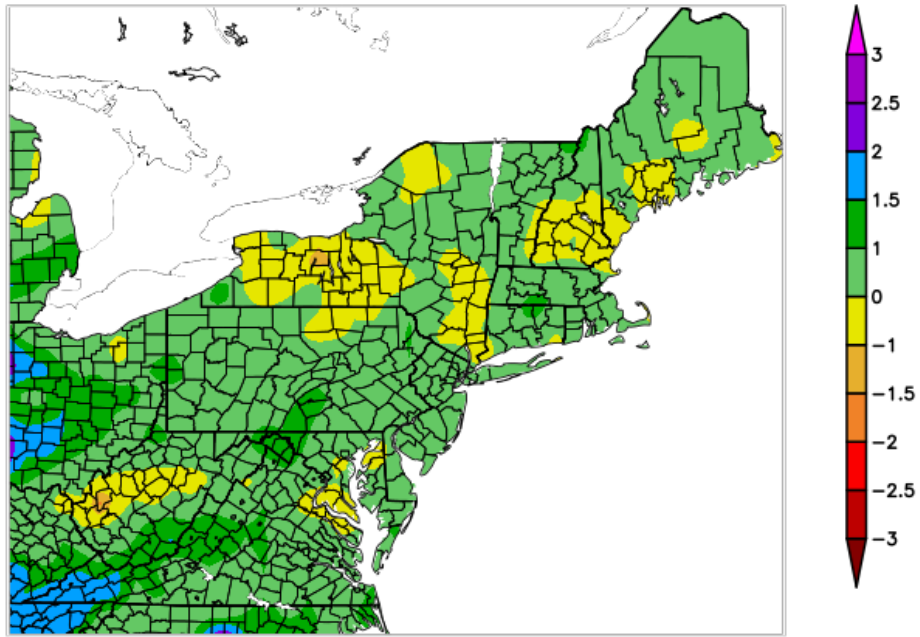


Generated 5/10/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for April 2019.

3-Month SPI
2/1/2019 – 4/30/2019

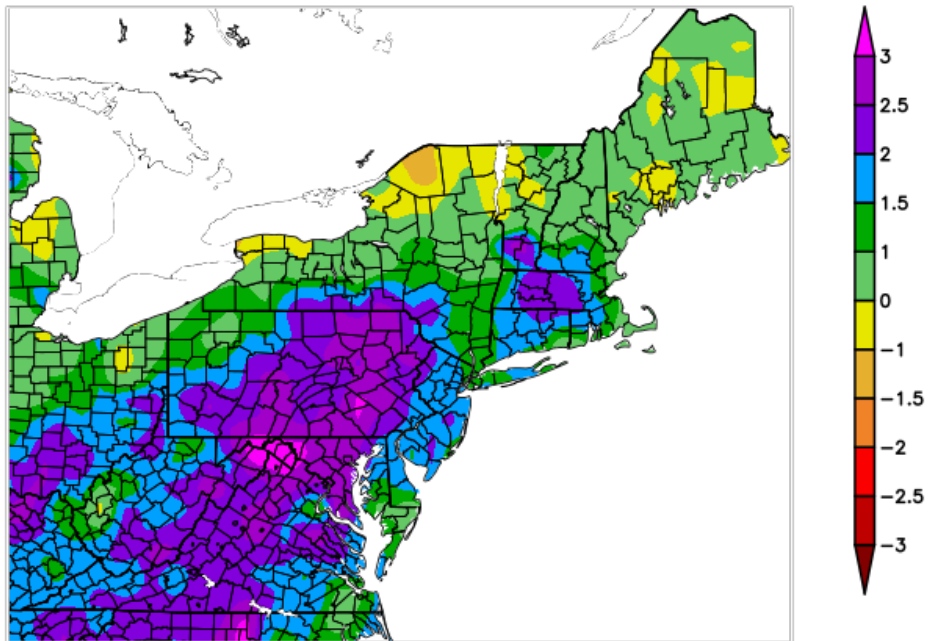


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NOAA Regional Climate Centers

Map 2. Three-Month SPI ending April 2019.

12-Month SPI
5/1/2018 – 4/30/2019

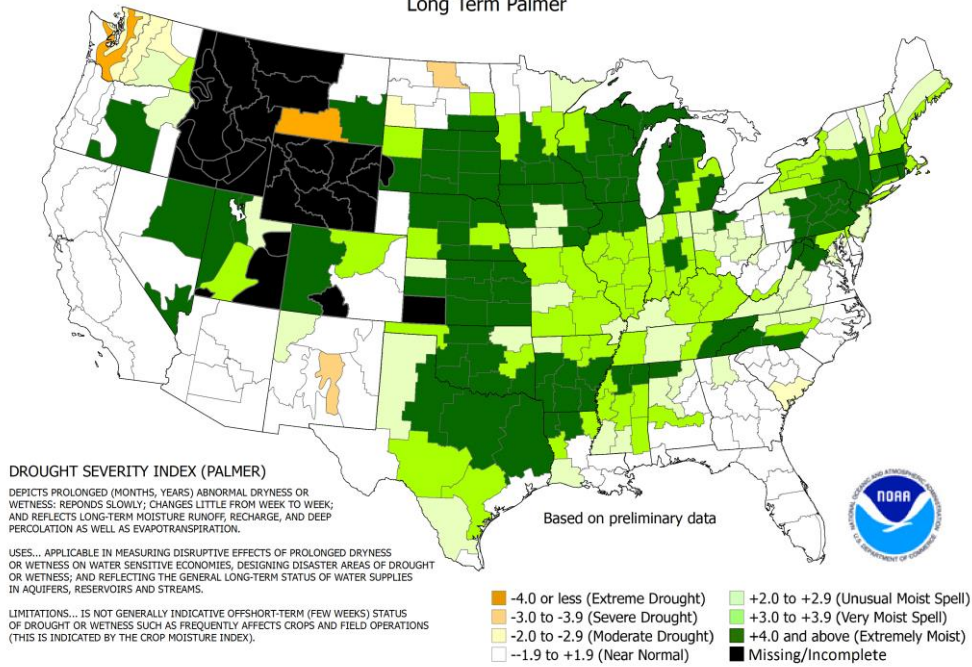


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NOAA Regional Climate Centers

Map 3. Twelve month SPI ending April 2019.

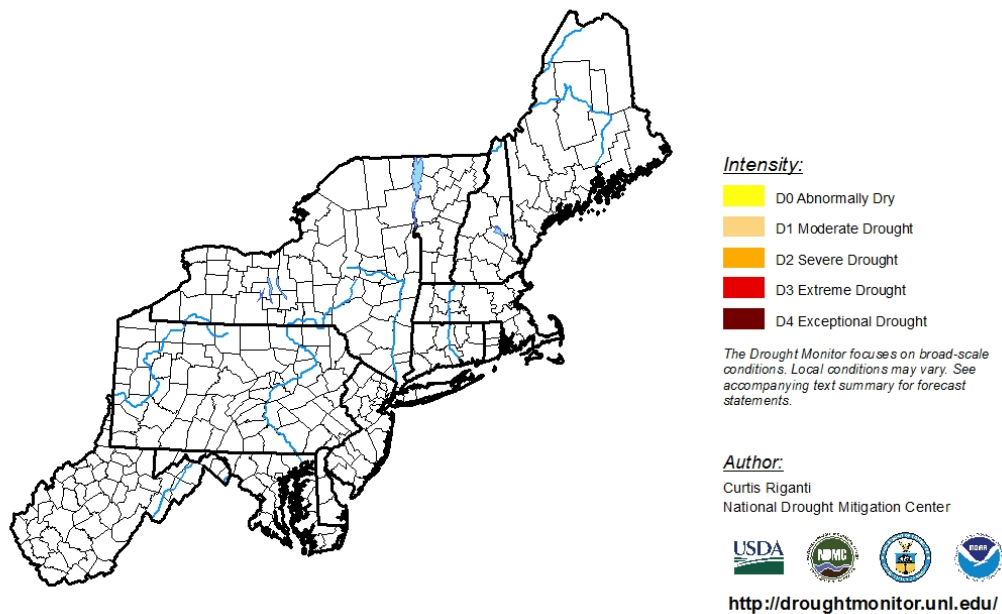
Drought Severity Index by Division
Weekly Value for Period Ending May 11, 2019
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 5/11/19.
RI Palmer is in the Extremely Moist range, +4.40.

**U.S. Drought Monitor
Northeast**

May 7, 2019
(Released Thursday, May 9, 2019)
Valid 8 a.m. EDT



Map 5. US Drought Monitor for the Northeast U.S. valid May 7, 2019.

U.S. Drought Monitor Rhode Island

May 7, 2019
(Released Thursday, May. 9, 2019)
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 6. US Drought Monitor for Rhode Island, valid May 7, 2019.