

Rhode Island Precipitation
National Weather Service Taunton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending August 2017
Includes CoCoRaHS Data

RI 1 month August 2017	Rainfall	Departure	Percent	Normal
Northwest	1.81	-2.52	42	4.33
Northeast	1.36	-2.77	33	4.13
Central West	1.27	-2.75	32	4.02
Central East	1.39	-2.21	39	3.60
Eastern	2.62	-1.18	69	3.80
Southern	2.08	-2.28	48	4.36
New Shoreham	4.68	0.32	107	4.36

RI 2 month Jul-Aug 17	Rainfall	Departure	Percent	Normal
Northwest	6.37	-1.78	78	8.15
Northeast	5.68	-2.26	72	7.94
Central West	5.59	-2.07	73	7.66
Central East	5.68	-1.21	82	6.89
Eastern	5.09	-1.50	77	6.59
Southern	5.44	-2.58	68	8.02
New Shoreham	7.33	-0.69	91	8.02

RI 3 month Jun-Aug 17	Rainfall	Departure	Percent	Normal
Northwest	11.50	-1.23	90	12.73
Northeast	11.72	-0.43	96	12.15
Central West	10.65	-1.15	90	11.80
Central East	10.39	-0.14	99	10.53
Eastern	7.58	-2.89	72	10.47
Southern	8.62	-3.68	70	12.30
New Shoreham	8.62	-3.68	70	12.30

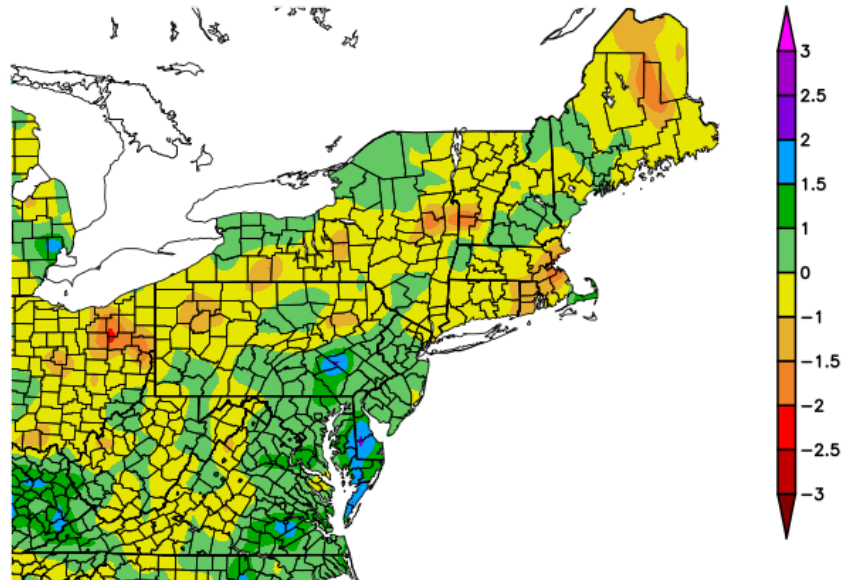
RI 6 month Mar-Aug 17	Rainfall	Departure	Percent	Normal
Northwest	26.97	0.17	101	26.80
Northeast	27.13	1.45	106	25.68
Central West	27.45	2.14	108	25.31
Central East	28.64	5.19	122	23.45
Eastern	24.20	-0.41	98	24.61
Southern	26.82	-0.01	100	26.83
New Shoreham	24.27	-2.56	90	26.83

RI 12 month Sep 16-Aug 17	Rainfall	Departure	Percent	Normal
Northwest	52.14	-1.56	97	53.70
Northeast	50.39	-1.03	98	51.42
Central West	53.52	2.75	105	50.77
Central East	50.39	3.21	107	47.18
Eastern	46.07	-2.47	95	48.54
Southern	52.44	-0.43	99	52.87
New Shoreham	49.24	-3.63	93	52.87

RI 24 month Sep 15-Aug 17	Rainfall	Departure	Percent	Normal
Northwest	98.57	-8.83	92	107.40
Northeast	92.26	-10.58	90	102.84
Central West	98.46	-3.08	97	101.54
Central East	91.35	-3.01	97	94.36
Eastern	87.68	-9.40	90	97.08
Southern	95.84	-9.90	91	105.74
New Shoreham	92.52	-13.22	87	105.74

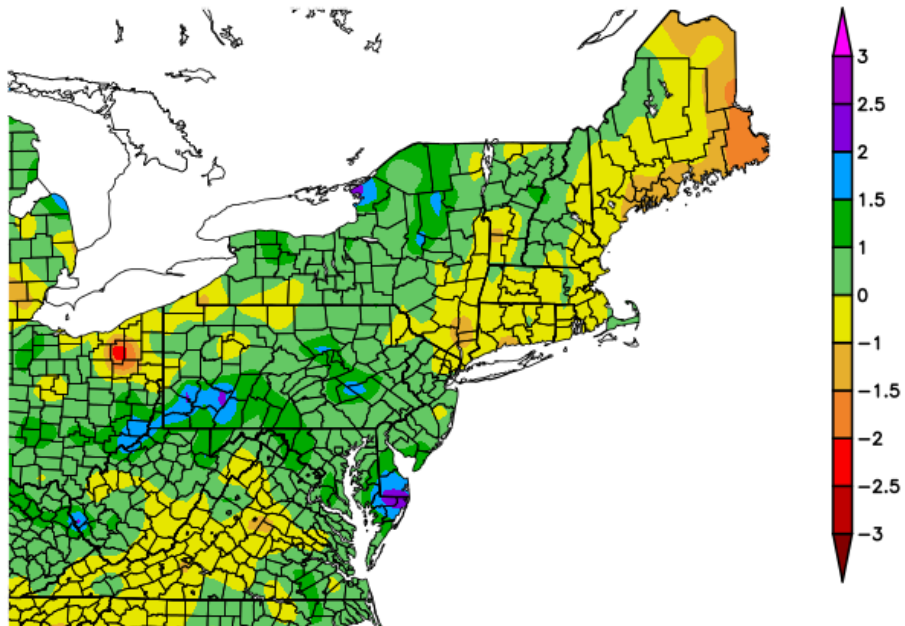
RI 36 month Sep 14-Aug 17	Rainfall	Departure	Percent	Normal
Northwest	142.64	-18.46	89	161.10
Northeast	134.90	-19.36	87	154.26
Central West	142.11	-10.20	93	152.31
Central East	137.38	-4.16	97	141.54
Eastern	130.92	-14.70	90	145.62
Southern	137.79	-20.82	87	158.61
New Shoreham	134.54	-24.07	85	158.61

Monthly SPI 8/1/2017 – 8/31/2017



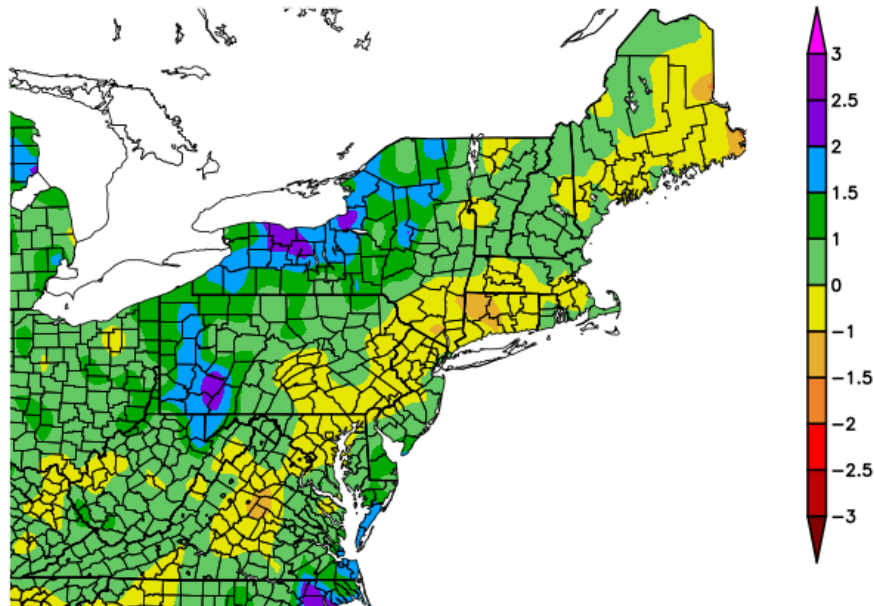
Generated 9/27/2017 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 1. 1 Month SPI for August 2017.

3-Month SPI 6/1/2017 – 8/31/2017



Generated 9/27/2017 at HPRCC using provisional data. NOAA Regional Climate Centers
Map 2. 3-Month SPI ending August 2017.

12-Month SPI 9/1/2016 – 8/31/2017

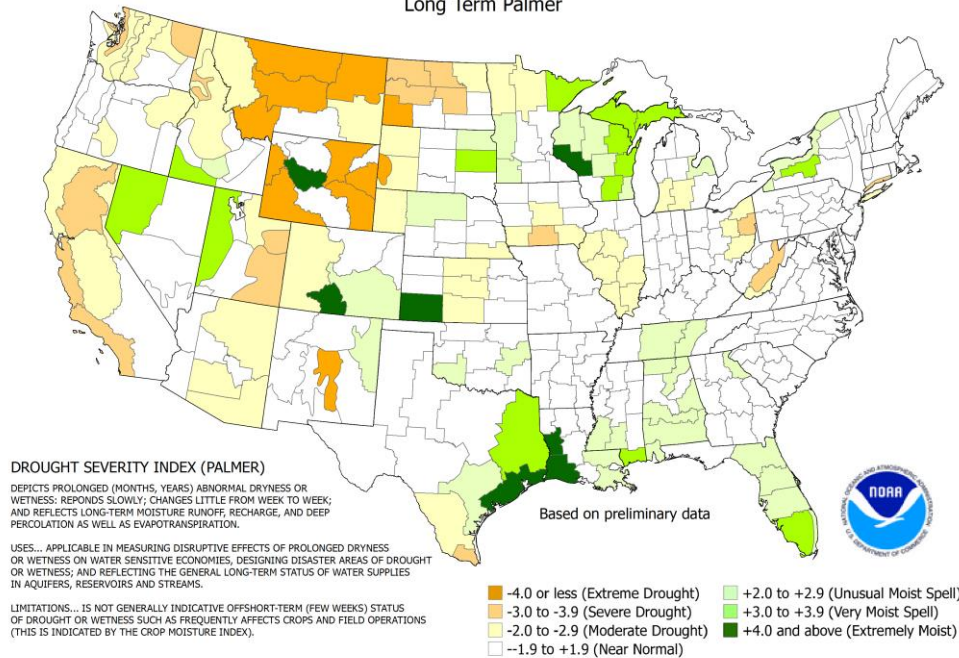


Generated 9/27/2017 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 3. Twelve month SPI ending August 2017.

Drought Severity Index by Division Weekly Value for Period Ending Sep 23, 2017 Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated September 23, 2017.

RI Palmer is in the Normal range, value -0.77.

U.S. Drought Monitor
Rhode Island

September 26, 2017
(Released Thursday, Sep. 28, 2017)
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:

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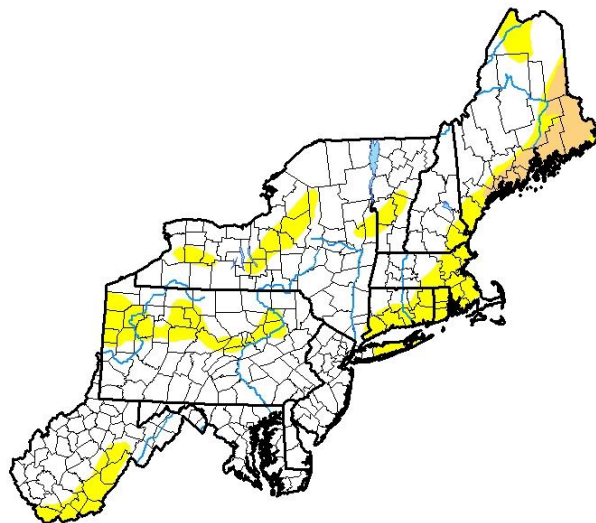


<http://droughtmonitor.unl.edu/>

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid September 26, 2017.

U.S. Drought Monitor
Northeast

September 26, 2017
(Released Thursday, Sep. 28, 2017)
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Map 6. US Drought Monitor for the Northeast U.S. valid September 26, 2017.