

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

RI 1 month March 2017	Rainfall	Departure	Percent	Normal
Northwest	3.89	-1.56	71	5.45
Northeast	3.09	-1.93	62	5.02
Central West	3.32	-1.84	64	5.16
Central East	3.68	-1.33	73	5.01
Eastern	3.59	-2.09	63	5.68
Southern	4.22	-1.32	76	5.54
New Shoreham	2.99	-2.55	54	5.54

RI 2 month Feb-Mar 17	Rainfall	Departure	Percent	Normal
Northwest	6.98	-2.43	74	9.41
Northeast	6.26	-2.31	73	8.57
Central West	6.00	-2.76	68	8.76
Central East	6.60	-1.70	80	8.30
Eastern	5.96	-3.49	63	9.45
Southern	6.68	-2.55	72	9.23
New Shoreham	5.17	-4.06	56	9.23

RI 3 month Jan-Mar 17	Rainfall	Departure	Percent	Normal
Northwest	11.79	-1.90	86	13.69
Northeast	11.55	-1.09	91	12.64
Central West	11.48	-1.35	89	12.83
Central East	11.65	-0.51	96	12.16
Eastern	10.90	-2.40	82	13.30
Southern	11.89	-1.45	89	13.34
New Shoreham	11.30	-2.04	85	13.34

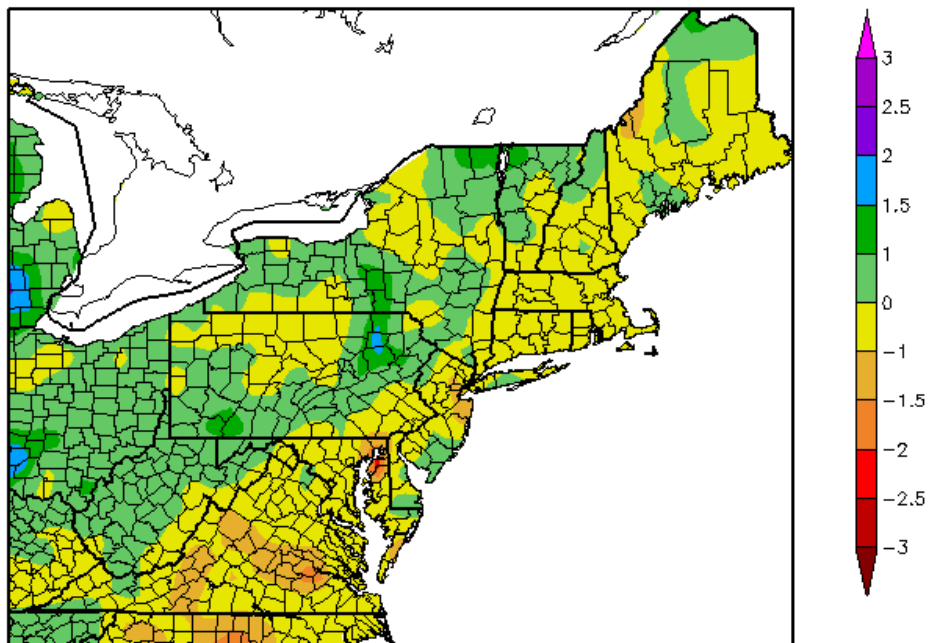
RI 6 month Oct 16-Mar 17	Rainfall	Departure	Percent	Normal
Northwest	26.09	-2.17	92	28.26
Northeast	24.88	-1.94	93	26.82
Central West	25.86	-0.77	97	26.63
Central East	23.28	-1.54	94	24.82
Eastern	22.54	-3.34	87	25.88
Southern	26.28	-1.08	96	27.36
New Shoreham	23.48	-3.88	86	27.36

RI 12 month Apr 16-Mar 17	Rainfall	Departure	Percent	Normal
Northwest	48.23	-5.47	90	53.70
Northeast	42.49	-8.93	83	51.42
Central West	46.51	-4.26	92	50.77
Central East	41.56	-5.62	88	47.18
Eastern	37.50	-11.04	77	48.54
Southern	43.13	-9.74	82	52.87
New Shoreham	42.22	-10.65	80	52.87

RI 24 month Apr 15-Mar 17	Rainfall	Departure	Percent	Normal
Northwest	91.45	-15.95	85	107.40
Northeast	83.12	-19.72	81	102.84
Central West	89.22	-12.32	88	101.54
Central East	83.99	-10.37	89	94.36
Eastern	82.50	-14.58	85	97.08
Southern	86.66	-19.08	82	105.74
New Shoreham	85.97	-19.77	81	105.74

RI 36 month Apr 14-Mar 17	Rainfall	Departure	Percent	Normal
Northwest	137.65	-23.45	85	161.10
Northeast	127.44	-26.82	83	154.26
Central West	137.48	-14.83	90	152.31
Central East	129.41	-12.13	91	141.54
Eastern	126.33	-19.29	87	145.62
Southern	133.28	-25.33	84	158.61
New Shoreham	132.07	-26.54	83	158.61

Monthly SPI 3/1/2017 – 3/31/2017

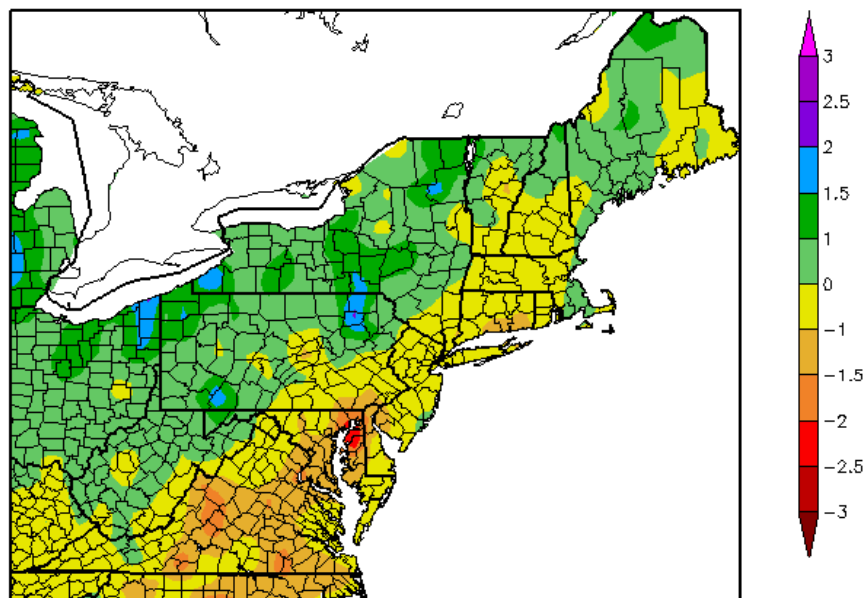


Generated 4/5/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 1. One-month SPI for March 2017.

3-Month SPI 1/1/2017 – 3/31/2017

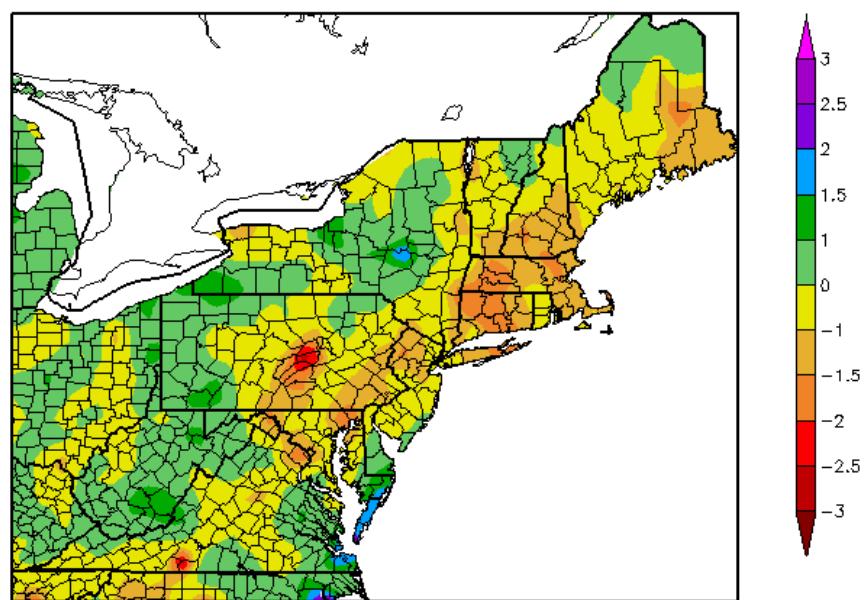


Generated 4/5/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 2. Three-month SPI ending March 2017.

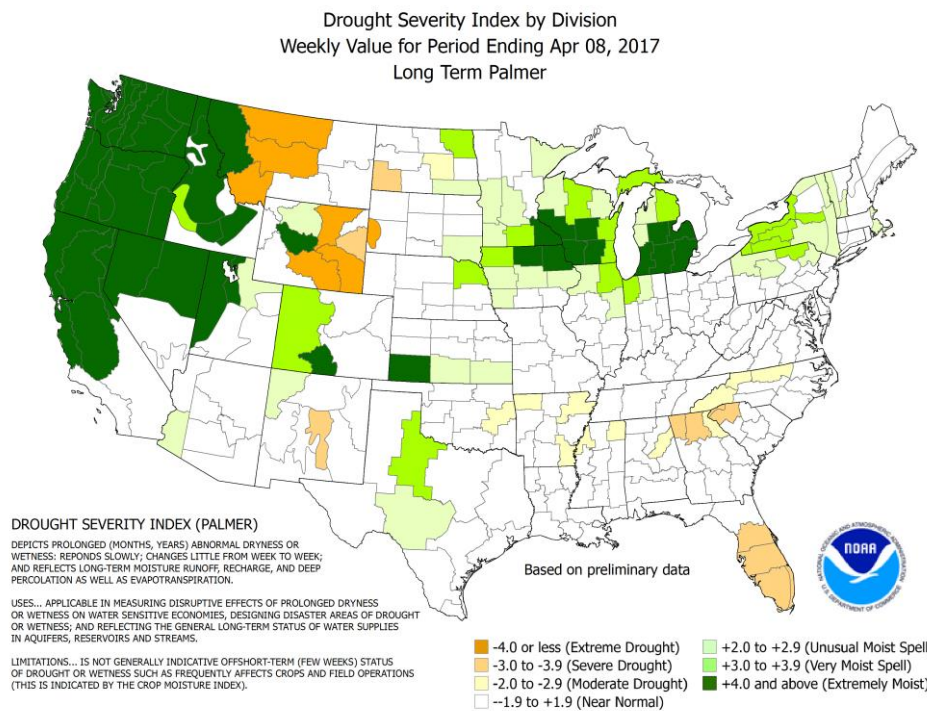
12-Month SPI 4/1/2016 – 3/31/2017



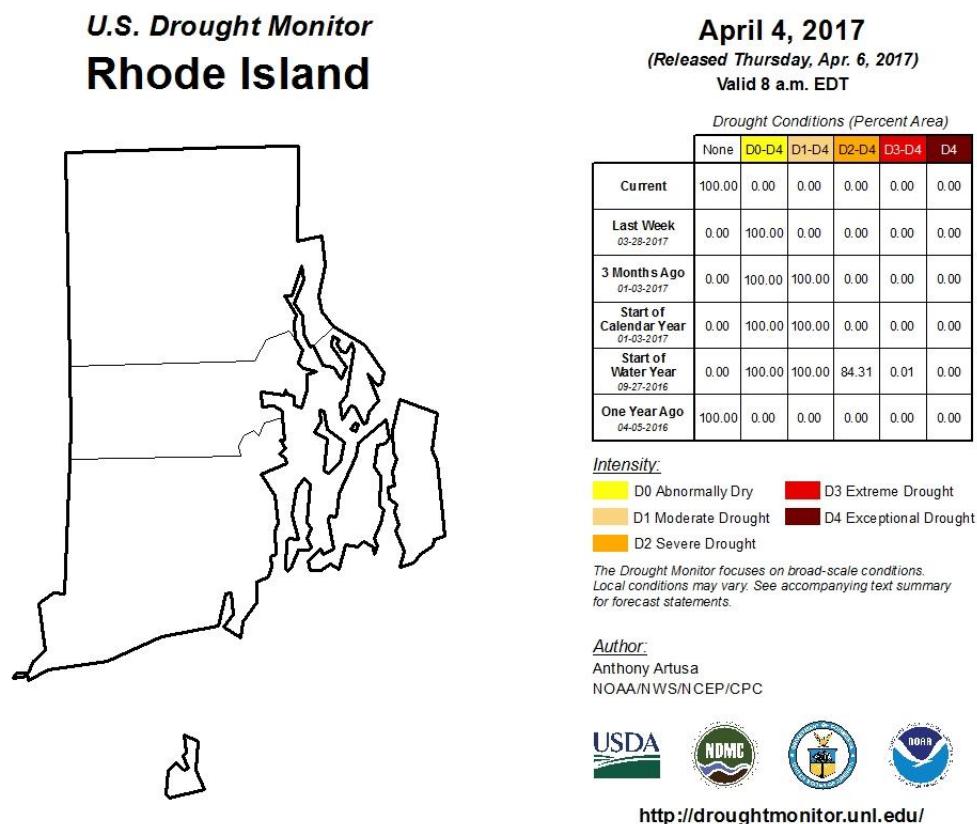
Generated 4/5/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 3. Twelve month SPI ending March 2017.



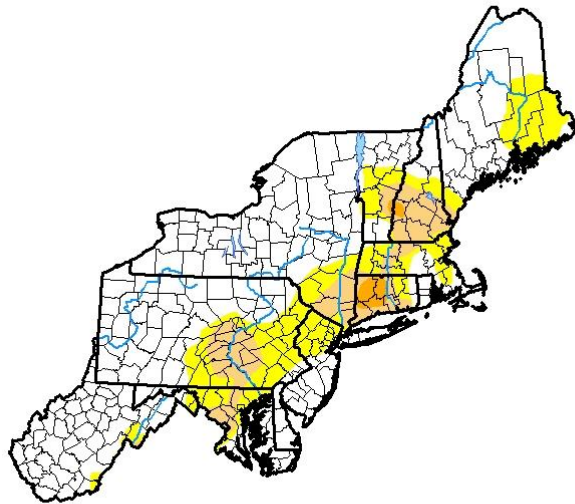
Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated April 8, 2017.
RI Palmer is in the Normal range, value +1.22.



Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid April 4, 2017.

U.S. Drought Monitor Northeast

April 4, 2017
(Released Thursday, Apr. 6, 2017)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	70.81	29.19	10.50	1.05	0.00	0.00
Last Week 03-28-2017	66.95	33.05	14.76	2.29	0.00	0.00
3 Months Ago 01-03-2017	30.54	69.46	43.67	11.68	1.39	0.00
Start of Calendar Year 01-03-2017	30.54	69.46	43.67	11.68	1.39	0.00
Start of Water Year 09-27-2016	21.72	78.28	40.32	19.59	6.68	0.00
One Year Ago 04-05-2016	94.29	5.71	0.00	0.00	0.00	0.00

Intensity:

■ D0 Abnormally Dry ■ D3 Extreme Drought
■ D1 Moderate Drought ■ D4 Exceptional Drought
■ D2 Severe 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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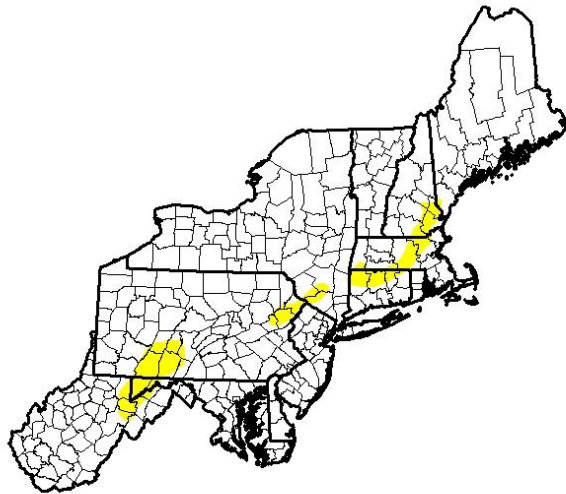


<http://droughtmonitor.unl.edu/>

Map 6. US Drought Monitor for the Northeast U.S. valid April 4, 2017.

U.S. Drought Monitor Northeast

March 29, 2016
(Released Thursday, Mar. 31, 2016)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.29	5.71	0.00	0.00	0.00	0.00
Last Week 3/22/2016	96.00	4.00	0.00	0.00	0.00	0.00
3 Months Ago 12/29/2015	62.10	37.90	6.60	0.00	0.00	0.00
Start of Calendar Year 12/29/2015	62.10	37.90	6.60	0.00	0.00	0.00
Start of Water Year 9/29/2015	42.41	57.59	9.00	0.00	0.00	0.00
One Year Ago 3/31/2015	54.55	45.45	0.00	0.00	0.00	0.00

Intensity:

■ D0 Abnormally Dry ■ D3 Extreme Drought
■ D1 Moderate Drought ■ D4 Exceptional Drought
■ D2 Severe 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 7. One-year lookback- U.S. Drought Monitor valid March 29, 2016.