

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

RI 1 month January 2017	Rainfall	Departure	Percent	Normal
Northwest	4.81	0.53	112	4.28
Northeast	5.29	1.22	130	4.07
Central West	5.48	1.41	135	4.07
Central East	5.05	1.19	131	3.86
Eastern	4.94	1.09	128	3.85
Southern	5.21	1.10	127	4.11
New Shoreham	6.13	2.02	149	4.11

RI 2 month Dec 16-Jan 17	Rainfall	Departure	Percent	Normal
Northwest	8.60	-0.52	94	9.12
Northeast	8.68	-0.13	99	8.81
Central West	9.26	0.59	107	8.67
Central East	8.48	0.40	105	8.08
Eastern	8.39	0.22	103	8.17
Southern	9.10	0.28	103	8.82
New Shoreham	10.23	1.41	116	8.82

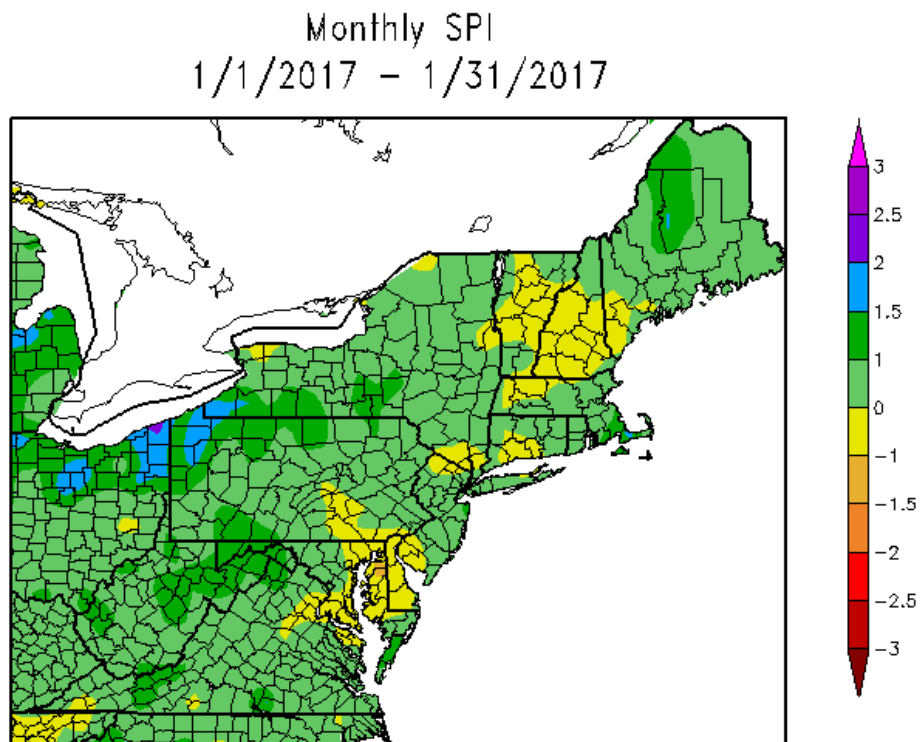
RI 3 month Nov 16-Jan 17	Rainfall	Departure	Percent	Normal
Northwest	11.59	-2.49	82	14.08
Northeast	11.38	-2.22	84	13.60
Central West	13.36	-0.06	100	13.42
Central East	11.38	-1.21	90	12.59
Eastern	10.97	-1.53	88	12.50
Southern	13.15	-0.72	95	13.87
New Shoreham	12.20	-1.67	88	13.87

RI 6 month Aug 16-Jan 17	Rainfall	Departure	Percent	Normal
Northwest	28.31	1.04	104	27.27
Northeast	24.08	-2.24	91	26.32
Central West	26.87	1.00	104	25.87
Central East	22.01	-2.03	92	24.04
Eastern	20.84	-3.12	87	23.96
Southern	25.27	-1.44	95	26.71
New Shoreham	25.06	-1.65	94	26.71

RI 12 month Feb 16-Jan 17	Rainfall	Departure	Percent	Normal
Northwest	49.88	-3.82	93	53.70
Northeast	44.01	-7.41	86	51.42
Central West	48.20	-2.57	95	50.77
Central East	42.99	-4.19	91	47.18
Eastern	39.74	-8.80	82	48.54
Southern	45.60	-7.27	86	52.87
New Shoreham	45.35	-7.52	86	52.87

RI 24 month Feb 15-Jan 17	Rainfall	Departure	Percent	Normal
Northwest	92.04	-15.36	86	107.40
Northeast	83.89	-18.95	82	102.84
Central West	91.38	-10.16	90	101.54
Central East	85.22	-9.14	90	94.36
Eastern	84.02	-13.06	87	97.08
Southern	87.67	-18.07	83	105.74
New Shoreham	87.88	-17.86	83	105.74

RI 36 month Feb 14-Jan 17	Rainfall	Departure	Percent	Normal
Northwest	140.62	-20.48	87	161.10
Northeast	130.98	-23.28	85	154.26
Central West	142.74	-9.57	94	152.31
Central East	134.73	-6.81	95	141.54
Eastern	131.65	-13.97	90	145.62
Southern	139.47	-19.14	88	158.61
New Shoreham	139.26	-19.35	88	158.61

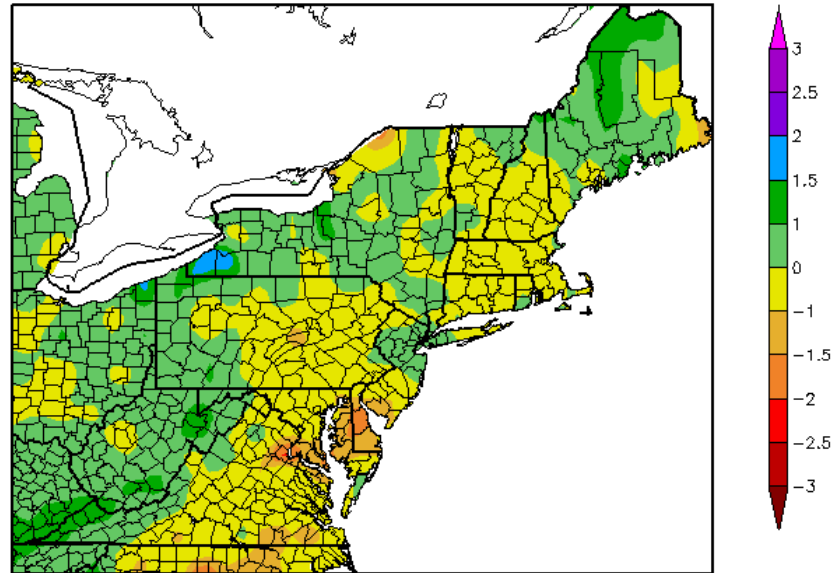


Generated 2/5/2017 at HPRCC using provisional data.

Regional Climate Centers

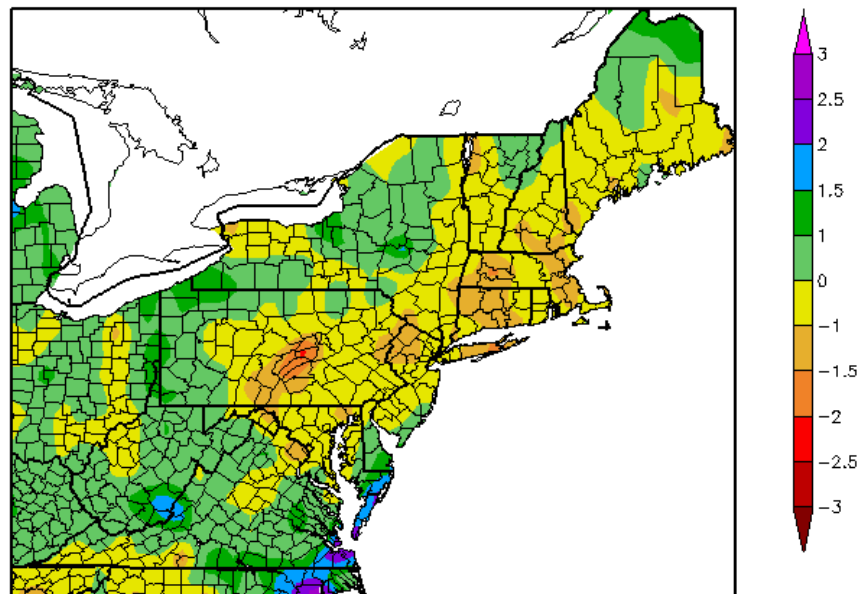
Map 1. One-month SPI for January 2017.

3-Month SPI 11/1/2016 – 1/31/2017

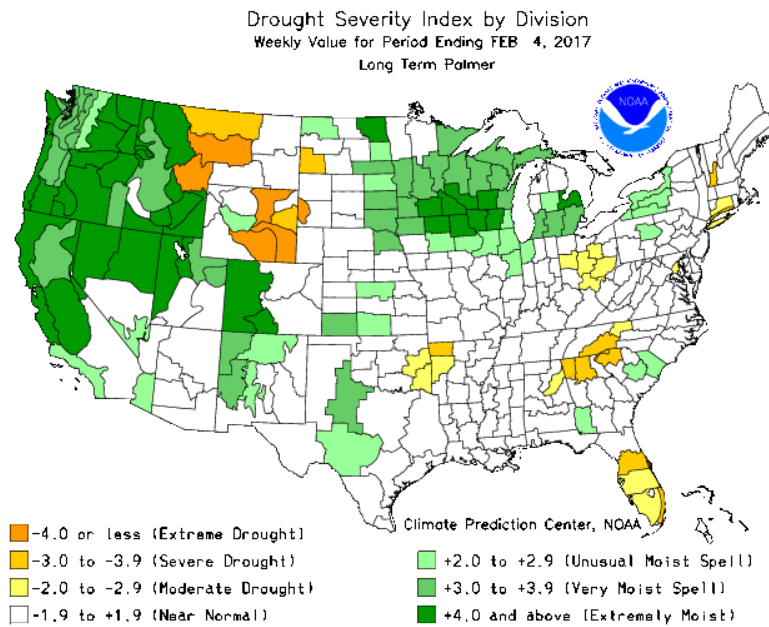


Generated 2/5/2017 at HPRCC using provisional data. Regional Climate Centers
Map 2. Three-month SPI ending January 2017.

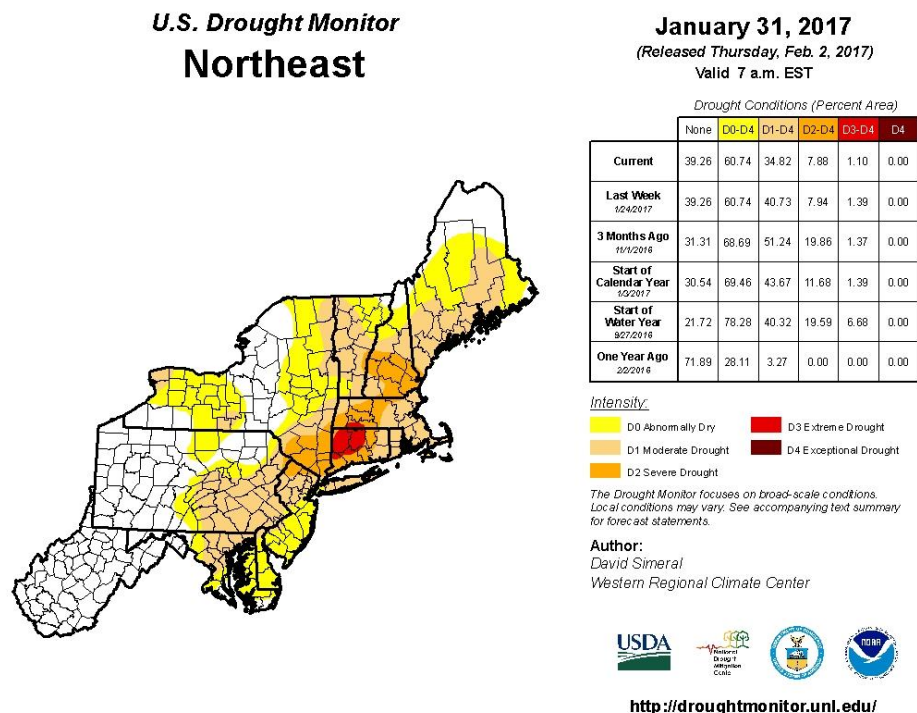
12-Month SPI 2/1/2016 – 1/31/2017



Generated 2/5/2017 at HPRCC using provisional data. Regional Climate Centers
Map 3. Twelve month SPI ending January 2017.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated February 4, 2017.
RI Palmer is in the Normal range, value +1.15.



Map 5. US Drought Monitor valid January 31 2017.

U.S. Drought Monitor Rhode Island



January 31, 2017
(Released Thursday, Feb. 2, 2017)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	0.00	0.00	0.00
Last Week 1/24/2017	0.00	100.00	100.00	0.00	0.00	0.00
3 Months Ago 11/1/2016	0.00	100.00	100.00	0.00	0.00	0.00
Start of Calendar Year 1/2/2017	0.00	100.00	100.00	0.00	0.00	0.00
Start of Water Year 9/27/2016	0.00	100.00	100.00	84.31	0.01	0.00
One Year Ago 2/2/2016	53.10	46.90	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 6. U.S. Drought Monitor zoom-in on Rhode Island, valid January 31, 2017.