

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

RI 1 month July 2017	Rainfall	Departure	Percent	Normal
Northwest	4.56	0.74	119	3.82
Northeast	4.32	0.51	113	3.81
Central West	4.32	0.68	119	3.64
Central East	4.29	1.00	130	3.29
Eastern	2.47	-0.32	89	2.79
Southern	3.36	-0.30	92	3.66
New Shoreham	2.65	-1.01	72	3.66

RI 2 month Jun-Jul 17	Rainfall	Departure	Percent	Normal
Northwest	9.69	1.29	115	8.40
Northeast	10.36	2.34	129	8.02
Central West	9.38	1.60	121	7.78
Central East	9.00	2.07	130	6.93
Eastern	4.96	-1.71	74	6.67
Southern	6.54	-1.40	82	7.94
New Shoreham	3.94	-4.00	50	7.94

RI 3 month May-Jul 17	Rainfall	Departure	Percent	Normal
Northwest	15.92	3.60	129	12.32
Northeast	16.25	4.45	138	11.80
Central West	15.95	4.42	138	11.53
Central East	15.58	5.10	149	10.48
Eastern	10.73	0.42	104	10.31
Southern	12.90	1.01	108	11.89
New Shoreham	10.34	-1.55	87	11.89

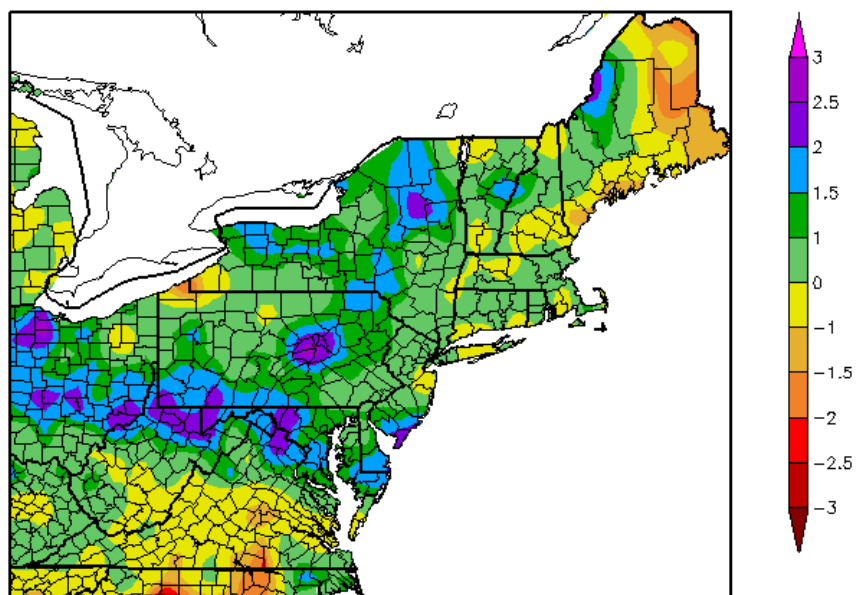
RI 6 month Feb-Jul 17	Rainfall	Departure	Percent	Normal
Northwest	28.25	1.82	107	26.43
Northeast	28.94	3.84	115	25.10
Central West	28.86	3.97	116	24.89
Central East	30.17	7.03	130	23.14
Eastern	23.95	-0.63	97	24.58
Southern	27.20	1.04	104	26.16
New Shoreham	21.77	-4.39	83	26.16

RI 12 month Aug 16-Jul 17	Rainfall	Departure	Percent	Normal
Northwest	56.56	2.86	105	53.70
Northeast	53.02	1.60	103	51.42
Central West	55.73	4.96	110	50.77
Central East	52.18	5.00	111	47.18
Eastern	44.79	-3.75	92	48.54
Southern	52.47	-0.40	99	52.87
New Shoreham	46.83	-6.04	89	52.87

RI 24 month Aug 15-Jul 17	Rainfall	Departure	Percent	Normal
Northwest	98.25	-9.15	91	107.40
Northeast	92.48	-10.36	90	102.84
Central West	99.11	-2.43	98	101.54
Central East	92.58	-1.78	98	94.36
Eastern	88.63	-8.45	91	97.08
Southern	95.83	-9.91	91	105.74
New Shoreham	90.15	-15.59	85	105.74

RI 36 month Aug 14-Jul 17	Rainfall	Departure	Percent	Normal
Northwest	144.73	-16.37	90	161.10
Northeast	137.05	-17.21	89	154.26
Central West	145.21	-7.10	95	152.31
Central East	139.01	-2.53	98	141.54
Eastern	129.74	-15.88	89	145.62
Southern	137.20	-21.41	87	158.61
New Shoreham	131.10	-27.51	83	158.61

Monthly SPI 7/1/2017 – 7/31/2017

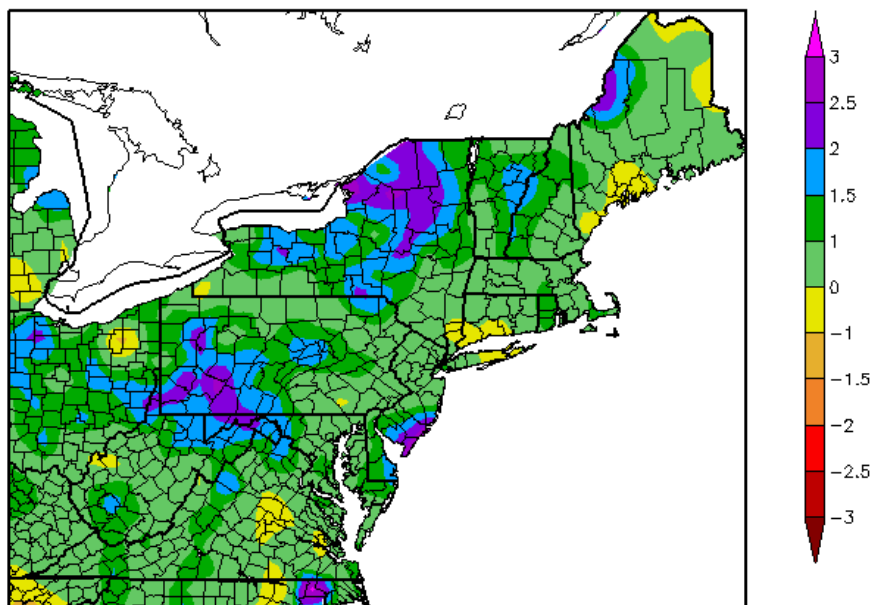


Generated 8/2/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 1. 1 Month SPI for July 2017.

3-Month SPI 5/1/2017 – 7/31/2017

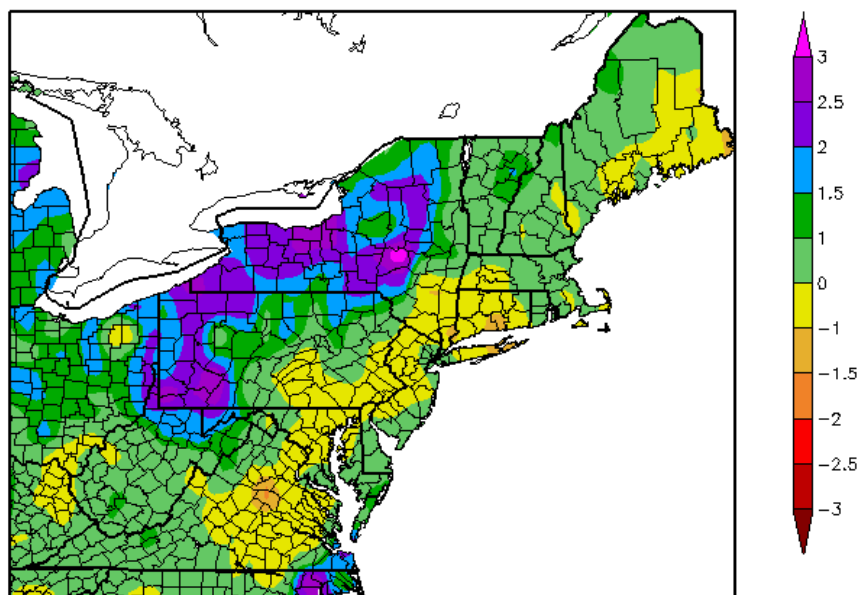


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Regional Climate Centers

Map 2. 3-Month SPI ending July 2017.

12-Month SPI
8/1/2016 – 7/31/2017

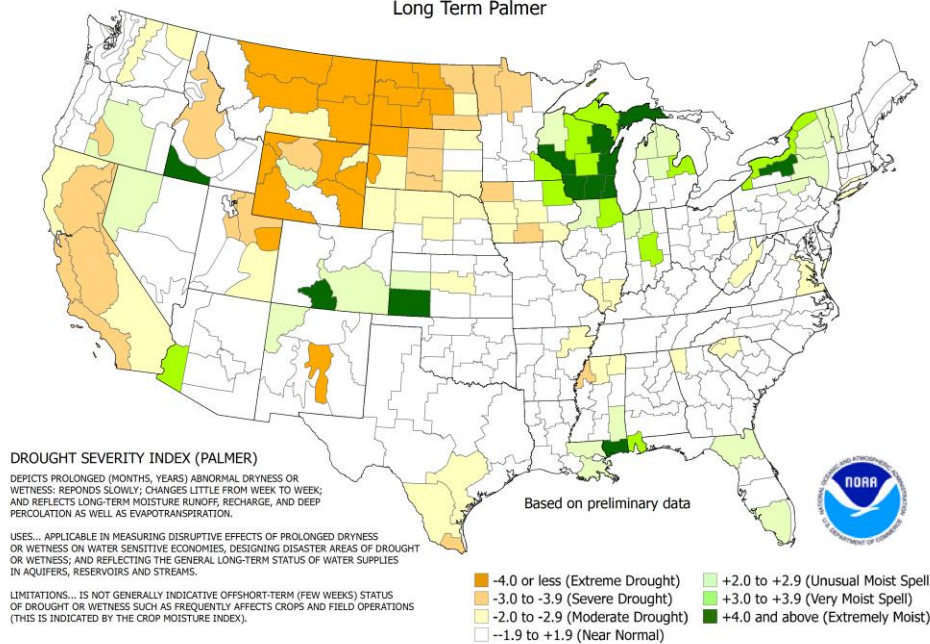


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Regional Climate Centers

Map 3. Twelve month SPI ending July 2017.

Drought Severity Index by Division
Weekly Value for Period Ending Aug 05, 2017
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated August 5, 2017.

RI Palmer is in the Normal range, value +0.62.

U.S. Drought Monitor Rhode Island



August 8, 2017
(Released Thursday, Aug. 10, 2017)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week 08-01-2017	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago 05-09-2017	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 01-03-2017	0.00	100.00	100.00	0.00	0.00	0.00
Start of Water Year 09-27-2016	0.00	100.00	100.00	84.31	0.01	0.00
One Year Ago 08-08-2016	0.00	100.00	82.60	20.63	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:

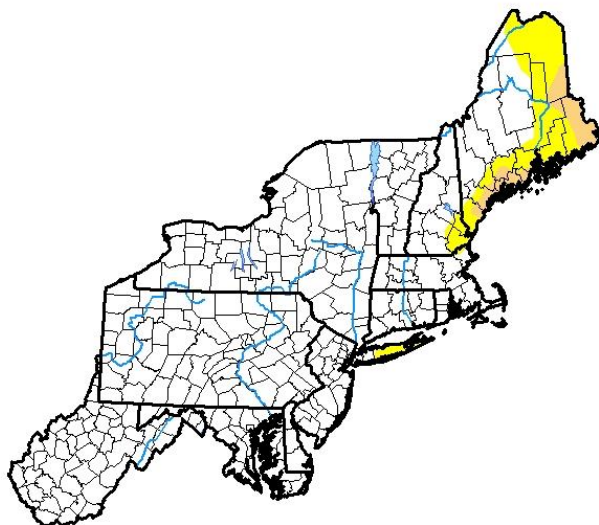
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<http://droughtmonitor.unl.edu/>

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid August 8, 2017.

U.S. Drought Monitor Northeast



August 8, 2017
(Released Thursday, Aug. 10, 2017)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	89.62	10.38	2.65	0.00	0.00	0.00
Last Week 08-01-2017	90.33	9.67	1.57	0.00	0.00	0.00
3 Months Ago 05-09-2017	97.00	3.00	0.00	0.00	0.00	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 08-09-2016	40.04	59.96	28.57	12.96	0.15	0.00

Intensity:

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

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Map 6. US Drought Monitor for the Northeast U.S. valid August 8, 2017.