

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

RI 1 month April 2017	Rainfall	Departure	Percent	Normal
Northwest	5.35	0.65	114	4.70
Northeast	6.43	1.70	136	4.73
Central West	6.91	2.31	150	4.60
Central East	7.99	3.63	183	4.36
Eastern	7.26	2.44	151	4.82
Southern	7.62	2.58	151	5.04
New Shoreham	6.26	1.22	124	5.04

RI 2 month Mar-Apr 17	Rainfall	Departure	Percent	Normal
Northwest	9.24	-0.91	91	10.15
Northeast	9.52	-0.23	98	9.75
Central West	10.23	0.47	105	9.76
Central East	11.67	2.30	125	9.37
Eastern	10.85	0.35	103	10.50
Southern	11.84	1.26	112	10.58
New Shoreham	9.25	-1.33	87	10.58

RI 3 month Feb-Apr 17	Rainfall	Departure	Percent	Normal
Northwest	12.33	-1.78	87	14.11
Northeast	12.69	-0.61	95	13.30
Central West	12.91	-0.45	97	13.36
Central East	14.59	1.93	115	12.66
Eastern	13.22	-1.05	93	14.27
Southern	14.30	0.03	100	14.27
New Shoreham	11.43	-2.84	80	14.27

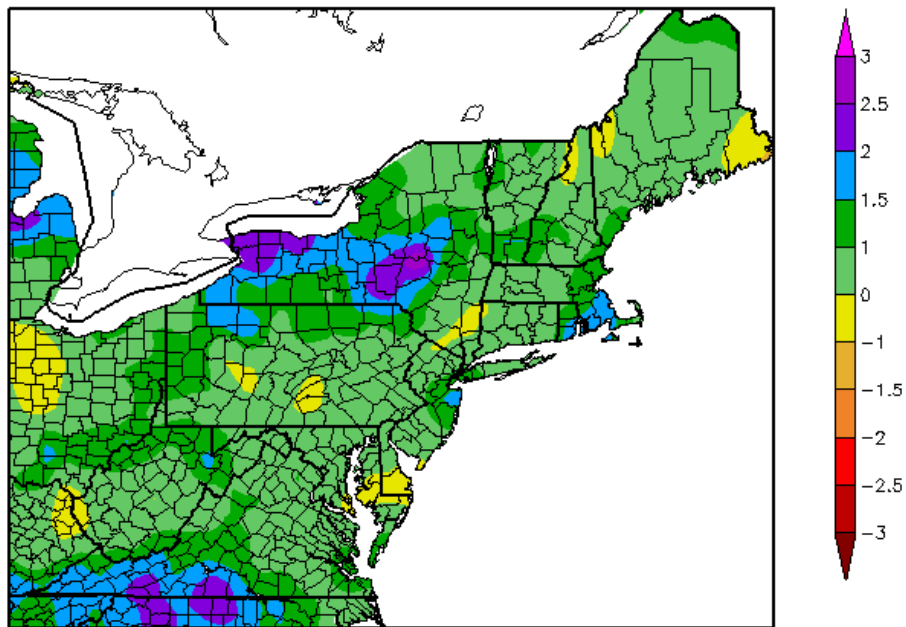
RI 6 month Nov 16-Apr 17	Rainfall	Departure	Percent	Normal
Northwest	23.92	-4.27	85	28.19
Northeast	24.07	-2.83	89	26.90
Central West	26.27	-0.51	98	26.78
Central East	25.97	0.72	103	25.25
Eastern	24.19	-2.58	90	26.77
Southern	27.45	-0.69	98	28.14
New Shoreham	23.63	-4.51	84	28.14

RI 12 month May 16-Apr 17	Rainfall	Departure	Percent	Normal
Northwest	48.81	-4.89	91	53.70
Northeast	44.32	-7.10	86	51.42
Central West	48.63	-2.14	96	50.77
Central East	45.22	-1.96	96	47.18
Eastern	41.20	-7.34	85	48.54
Southern	46.47	-6.40	88	52.87
New Shoreham	44.29	-8.58	84	52.87

RI 24 month May 15-Apr 17	Rainfall	Departure	Percent	Normal
Northwest	92.95	-14.45	87	107.40
Northeast	86.05	-16.79	84	102.84
Central West	92.88	-8.66	91	101.54
Central East	89.41	-4.95	95	94.36
Eastern	87.42	-9.66	90	97.08
Southern	92.30	-13.44	87	105.74
New Shoreham	90.05	-15.69	85	105.74

RI 36 month May 14-Apr 17	Rainfall	Departure	Percent	Normal
Northwest	138.03	-23.07	86	161.10
Northeast	129.87	-24.39	84	154.26
Central West	139.85	-12.46	92	152.31
Central East	132.64	-8.90	94	141.54
Eastern	129.65	-15.97	89	145.62
Southern	136.54	-22.07	86	158.61
New Shoreham	133.78	-24.83	84	158.61

30 Day SPI
4/1/2017 – 4/30/2017

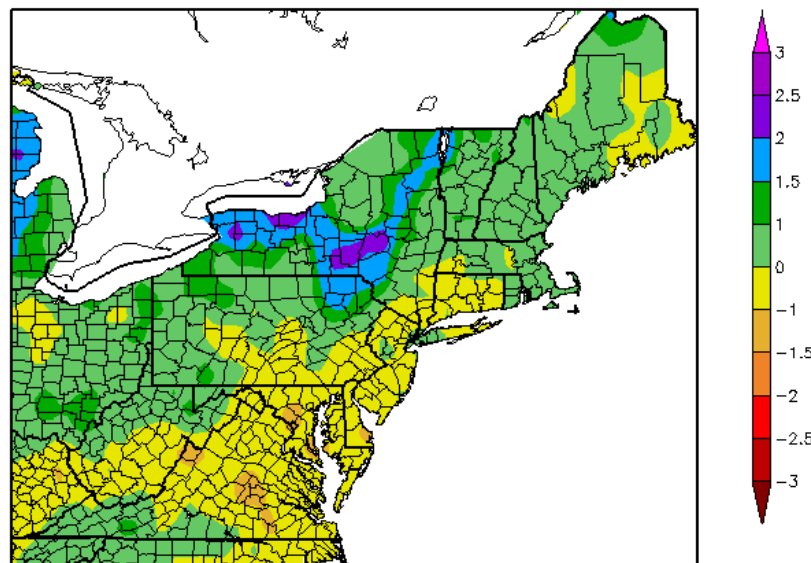


Generated 5/1/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 1. 30-Day SPI for April 2017.

90 Day SPI
1/31/2017 – 4/30/2017

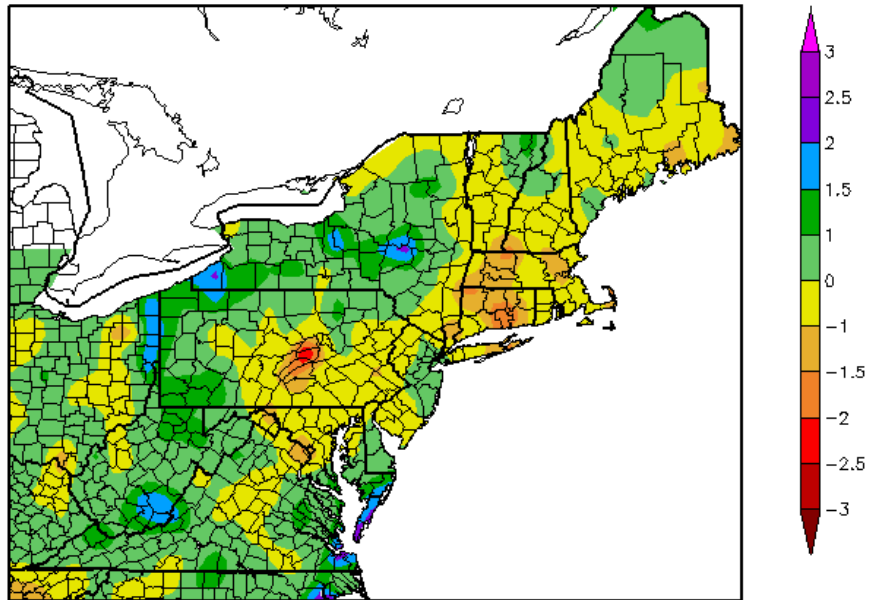


Generated 5/1/2017 at HPRCC using provisional data.

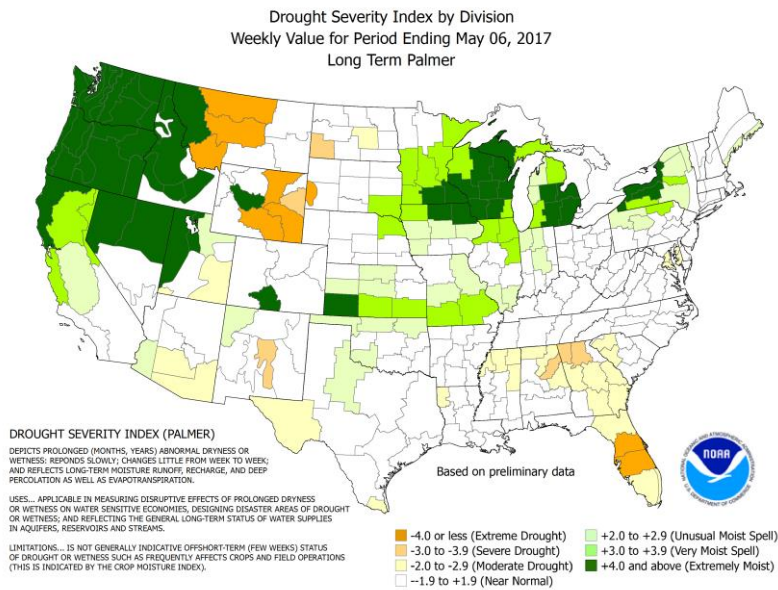
Regional Climate Centers

Map 2. 90 Day SPI ending April 30 2017.

12 Month SPI 5/1/2016 – 4/30/2017



Generated 5/1/2017 at HPRCC using provisional data. Regional Climate Centers
Map 3. Twelve month SPI ending April 30 2017.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated May 06, 2017.
RI Palmer is in the Normal range, value +1.34.

U.S. Drought Monitor Rhode Island



May 9, 2017
(Released Thursday, May. 11, 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 05-02-2017	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago 02-07-2017	0.00	100.00	100.00	0.00	0.00	0.00
Start of Calendar Year 01-01-2017	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 05-10-2016	100.00	0.00	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:

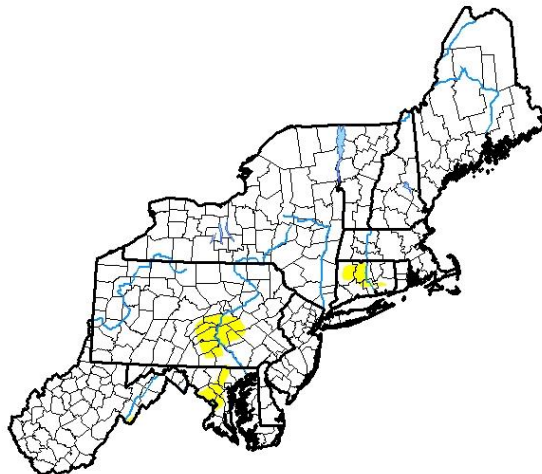
Brian Fuchs
National Drought Mitigation Center



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

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid May 9, 2017.

U.S. Drought Monitor Northeast



May 9, 2017
(Released Thursday, May. 11, 2017)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	97.00	3.00	0.00	0.00	0.00	0.00
Last Week 05-02-2017	88.81	11.19	3.00	0.00	0.00	0.00
3 Months Ago 02-07-2017	39.74	60.26	34.82	7.88	0.70	0.00
Start of Calendar Year 01-01-2017	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 05-10-2016	67.79	32.21	1.00	0.00	0.00	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 May 9, 2017.

