

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

RI 1 month May 2017	Rainfall	Departure	Percent	Normal
Northwest	6.23	2.31	159	3.92
Northeast	5.89	2.11	156	3.78
Central West	6.57	2.82	175	3.75
Central East	6.58	3.03	185	3.55
Eastern	5.77	2.13	159	3.64
Southern	6.36	2.41	161	3.95
New Shoreham	6.40	2.45	162	3.95

RI 2 month Apr-May 17	Rainfall	Departure	Percent	Normal
Northwest	11.58	2.96	134	8.62
Northeast	12.32	3.81	145	8.51
Central West	13.48	5.13	162	8.35
Central East	14.57	6.66	184	7.91
Eastern	13.03	4.57	154	8.46
Southern	13.98	4.99	156	8.99
New Shoreham	12.66	3.67	141	8.99

RI 3 month Mar-May 17	Rainfall	Departure	Percent	Normal
Northwest	15.47	1.40	110	14.07
Northeast	15.41	1.88	114	13.53
Central West	16.80	3.29	124	13.51
Central East	18.25	5.33	141	12.92
Eastern	16.62	2.48	118	14.14
Southern	18.20	3.67	125	14.53
New Shoreham	15.65	1.12	108	14.53

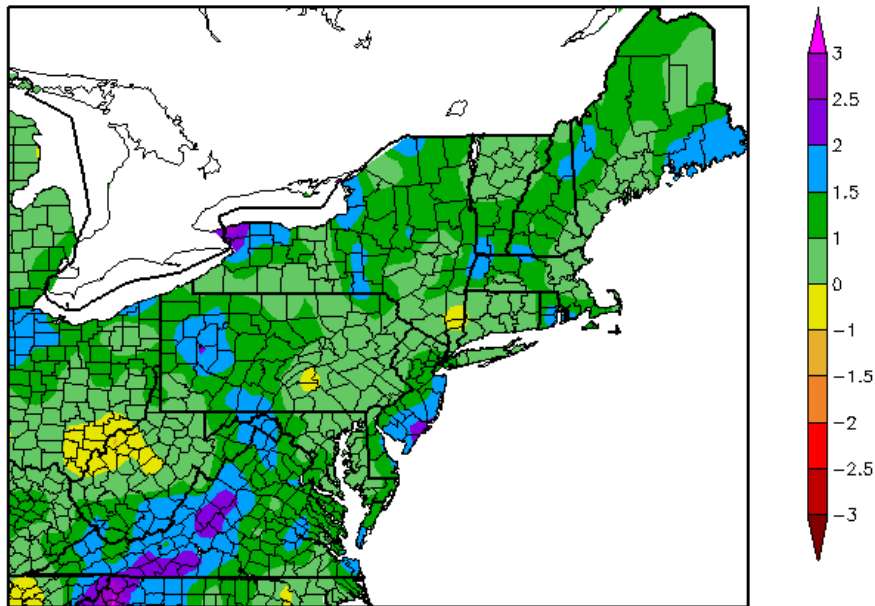
RI 6 month Dec 16-May 17	Rainfall	Departure	Percent	Normal
Northwest	27.16	0.01	100	27.15
Northeast	27.26	1.37	105	25.89
Central West	28.74	2.96	111	25.78
Central East	29.65	5.36	122	24.29
Eastern	27.38	1.30	105	26.08
Southern	29.76	2.72	110	27.04
New Shoreham	28.06	1.02	104	27.04

RI 12 month Jun 16-May 17	Rainfall	Departure	Percent	Normal
Northwest	51.15	-2.55	95	53.70
Northeast	46.81	-4.61	91	51.42
Central West	51.50	0.73	101	50.77
Central East	48.20	1.02	102	47.18
Eastern	43.19	-5.35	89	48.54
Southern	49.65	-3.22	94	52.87
New Shoreham	46.62	-6.25	88	52.87

RI 24 month June 15-May 17	Rainfall	Departure	Percent	Normal
Northwest	97.86	-9.54	91	107.40
Northeast	91.25	-11.59	89	102.84
Central West	98.18	-3.36	97	101.54
Central East	94.42	0.06	100	94.36
Eastern	92.32	-4.76	95	97.08
Southern	98.15	-7.59	93	105.74
New Shoreham	96.07	-9.67	91	105.74

RI 36 month Jun 14-May 17	Rainfall	Departure	Percent	Normal
Northwest	140.23	-20.87	87	161.10
Northeast	132.33	-21.93	86	154.26
Central West	142.59	-9.72	94	152.31
Central East	136.41	-5.13	96	141.54
Eastern	132.48	-13.14	91	145.62
Southern	138.65	-19.96	87	158.61
New Shoreham	136.39	-22.22	86	158.61

Monthly SPI 5/1/2017 – 5/31/2017

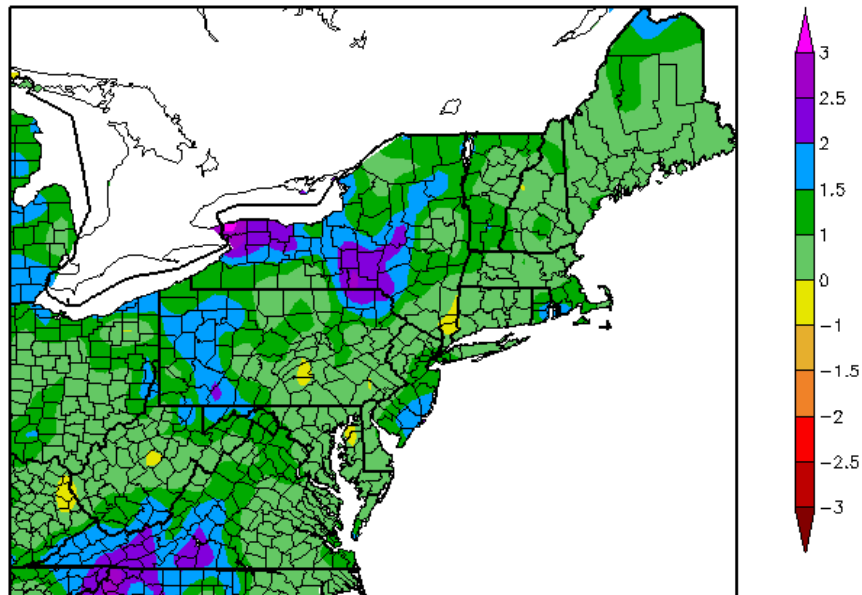


Generated 6/2/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 1. 30-Day SPI for May 2017.

3-Month SPI 3/1/2017 – 5/31/2017

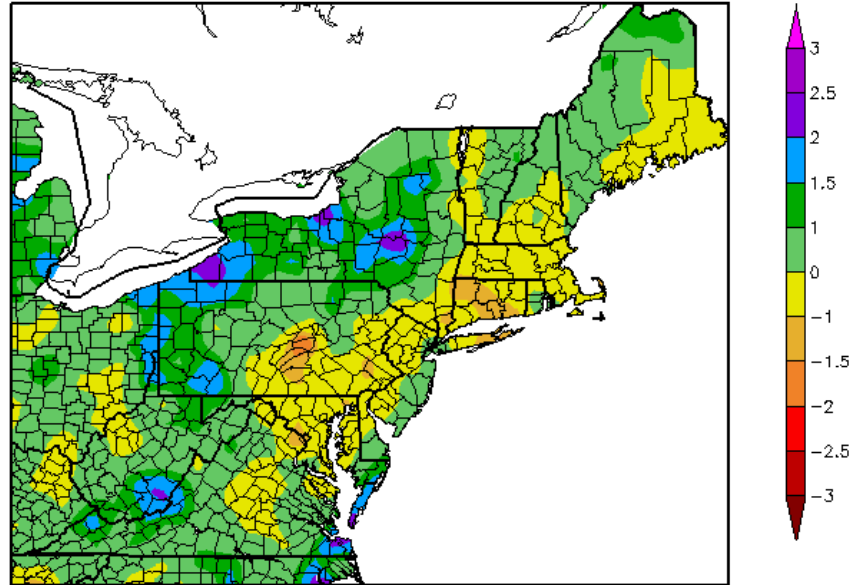


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Regional Climate Centers

Map 2. 90 Day SPI for Mar-May 2017.

12-Month SPI
6/1/2016 – 5/31/2017

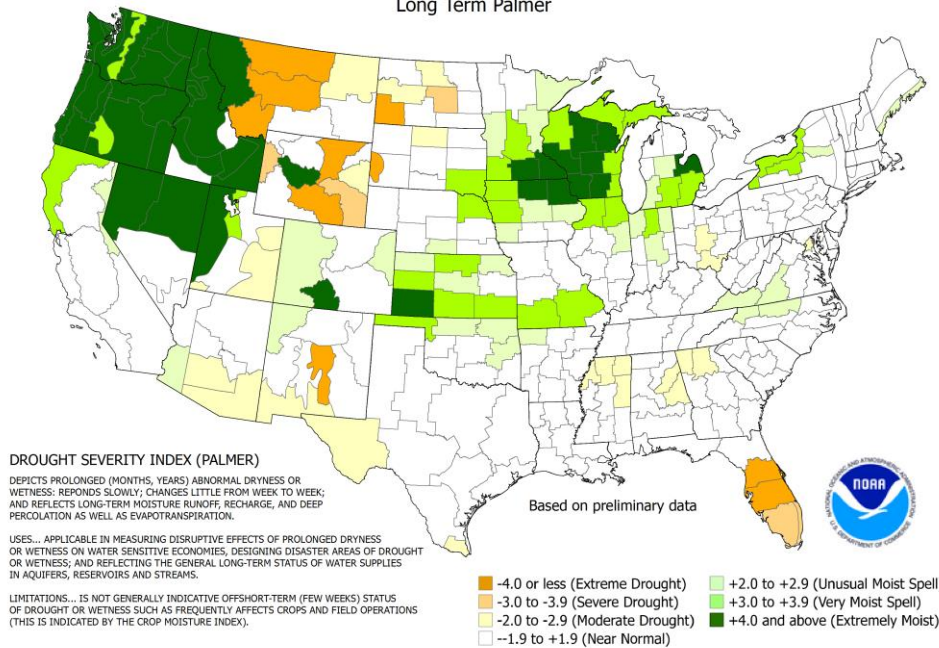


Generated 6/2/2017 at HPRCC using provisional data.

Regional Climate Centers

Map 3. Twelve month SPI ending May 31 2017.

Drought Severity Index by Division
Weekly Value for Period Ending May 27, 2017
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated May 27, 2017.

RI Palmer is in the Normal range, value +1.44.

U.S. Drought Monitor Rhode Island



May 30, 2017
(Released Thursday, Jun. 1, 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 05-23-2017	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago 02-28-2017	0.00	100.00	100.00	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 05-31-2016	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:

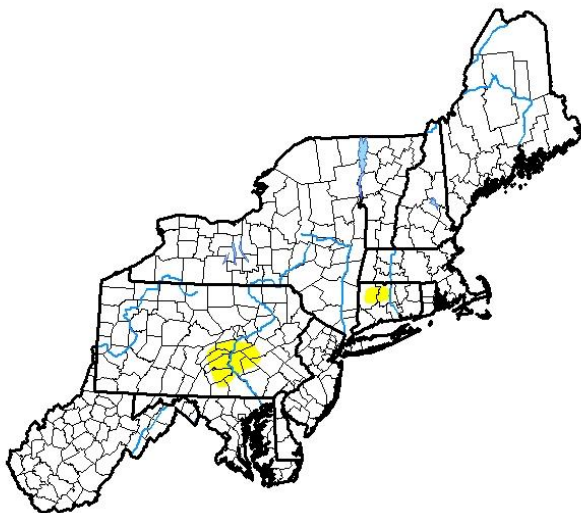
Chris Fenimore
NCEI/NESDIS/NOAA



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

Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid May 30, 2017.

U.S. Drought Monitor Northeast



May 30, 2017
(Released Thursday, Jun. 1, 2017)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	98.00	2.00	0.00	0.00	0.00	0.00
Last Week 05-23-2017	97.59	2.41	0.00	0.00	0.00	0.00
3 Months Ago 02-28-2017	53.17	46.83	27.08	6.96	0.70	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 05-31-2016	60.56	39.44	0.78	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 30, 2017.