

Rhode Island Precipitation
National Weather Service Taunton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 months ending July 2016
Includes CoCoRaHS Data

RI 1 month July 2016	Rainfall	Departure	Percent	Normal
Northwest	2.49	-1.33	65	3.82
Northeast	2.08	-1.73	55	3.81
Central West	3.09	-0.55	85	3.64
Central East	2.87	-0.42	87	3.29
Eastern	2.11	-0.68	76	2.79
Southern	2.20	-1.46	60	3.66
New Shoreham	2.96	-0.70	81	3.66

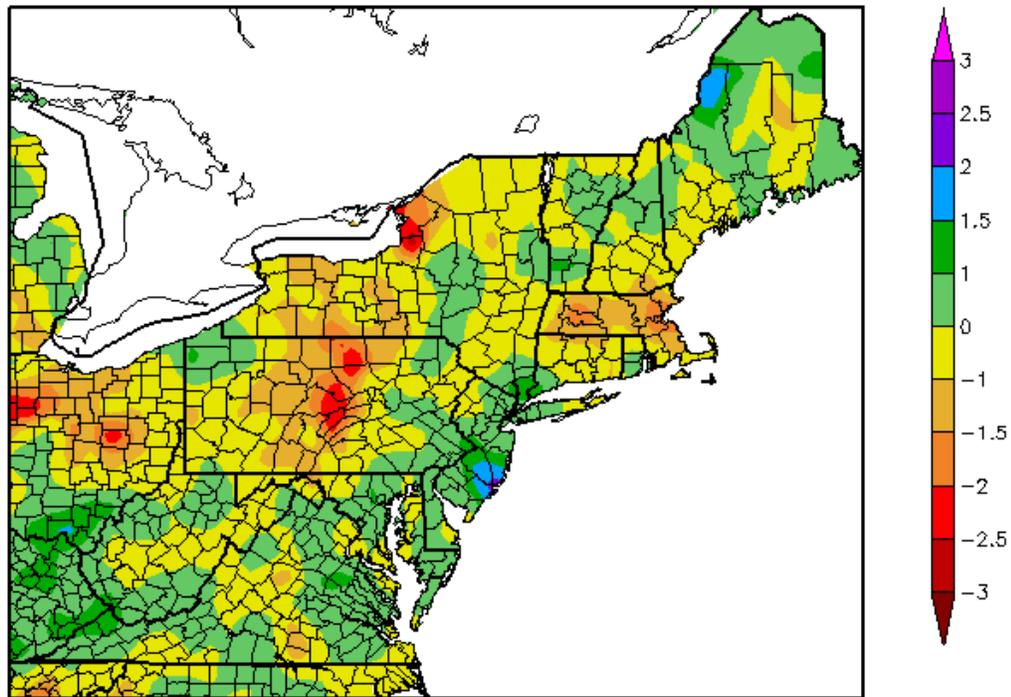
RI 2 month Jun-July 16	Rainfall	Departure	Percent	Normal
Northwest	4.28	-4.12	51	8.40
Northeast	4.15	-3.87	52	8.02
Central West	5.15	-2.63	66	7.78
Central East	5.02	-1.91	72	6.93
Eastern	3.36	-3.31	50	6.67
Southern	3.72	-4.22	47	7.94
New Shoreham	3.73	-4.21	47	7.94

RI 3 month May-July 16	Rainfall	Departure	Percent	Normal
Northwest	8.17	-4.15	66	12.32
Northeast	7.55	-4.25	64	11.80
Central West	8.85	-2.68	77	11.53
Central East	8.62	-1.86	82	10.48
Eastern	7.14	-3.17	69	10.31
Southern	6.90	-4.99	58	11.89
New Shoreham	7.80	-4.09	66	11.89

RI 6 month Feb-July 16	Rainfall	Departure	Percent	Normal
Northwest	21.57	-4.86	82	26.43
Northeast	19.93	-5.17	79	25.10
Central West	21.33	-3.56	86	24.89
Central East	20.98	-2.16	91	23.14
Eastern	18.90	-5.68	77	24.58
Southern	20.33	-5.83	78	26.16
New Shoreham	20.29	-5.87	78	26.16

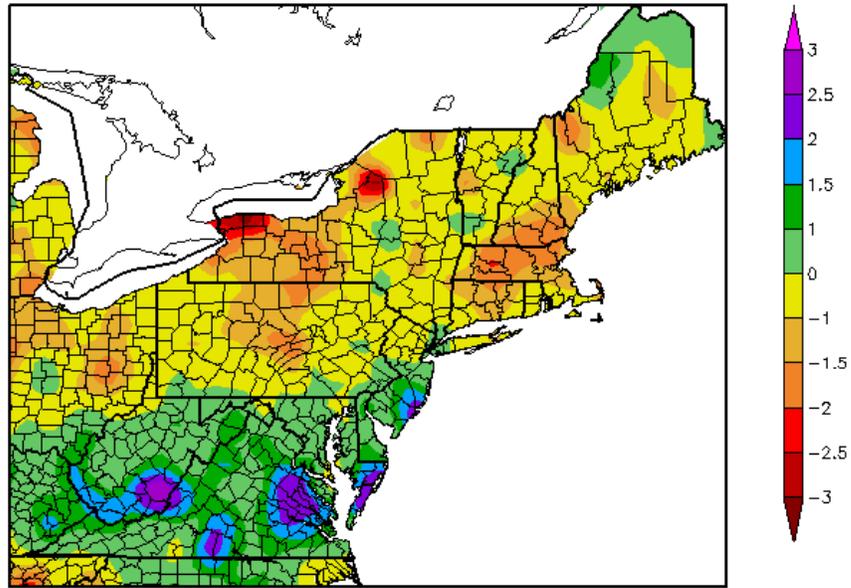
RI 12 month Aug 15-July 16	Rainfall	Departure	Percent	Normal
Northwest	41.69	-12.01	78	53.70
Northeast	39.46	-11.96	77	51.42
Central West	43.38	-7.39	85	50.77
Central East	40.40	-6.78	86	47.18
Eastern	43.84	-4.70	90	48.54
Southern	43.36	-9.51	82	52.87
New Shoreham	43.32	-9.55	82	52.87

Monthly SPI
7/1/2016 - 7/31/2016



Generated 8/1/2016 at HPRCC using provisional data. Regional Climate Centers
 Map 1. 1 Month SPI for July 2016. Note: TF Green Airport rainfall used for southern/central RI SPI. TF Green had more rainfall than any other reporting location in the State. Other locations in southern Rhode Island had below normal rainfall.

3-Month SPI
5/1/2016 - 7/31/2016

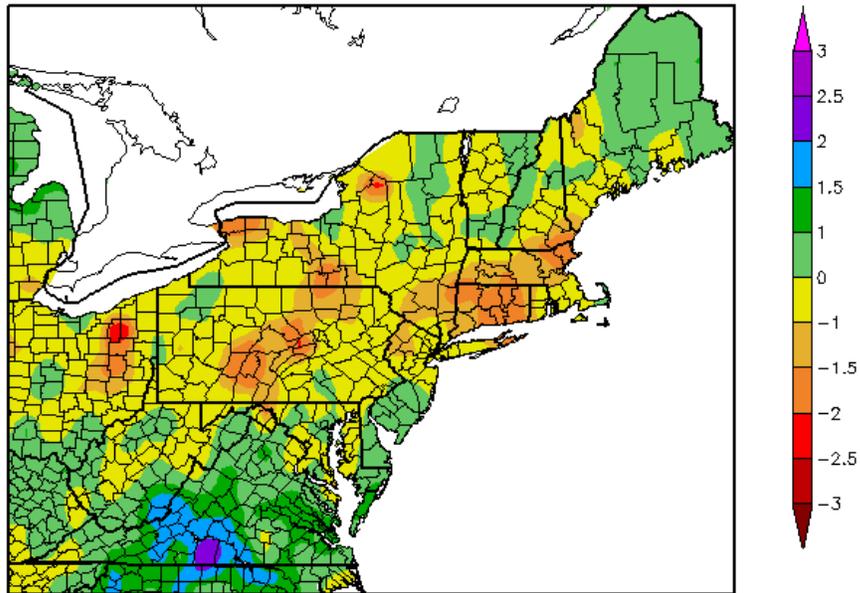


Generated 8/1/2016 at HPRCC using provisional data.

Regional Climate Centers

Map 2. 3-Month SPI ending July 2016.

12-Month SPI
8/1/2015 - 7/31/2016

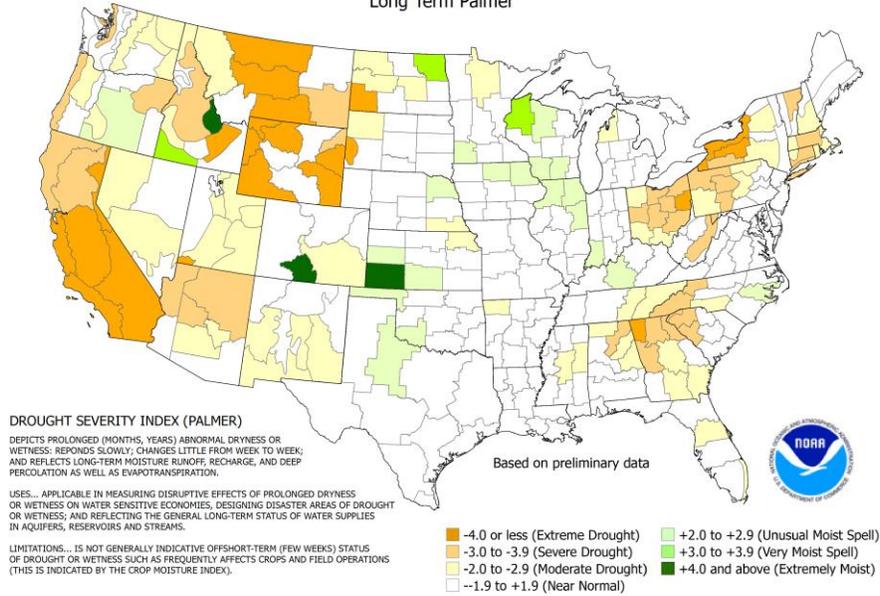


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Regional Climate Centers

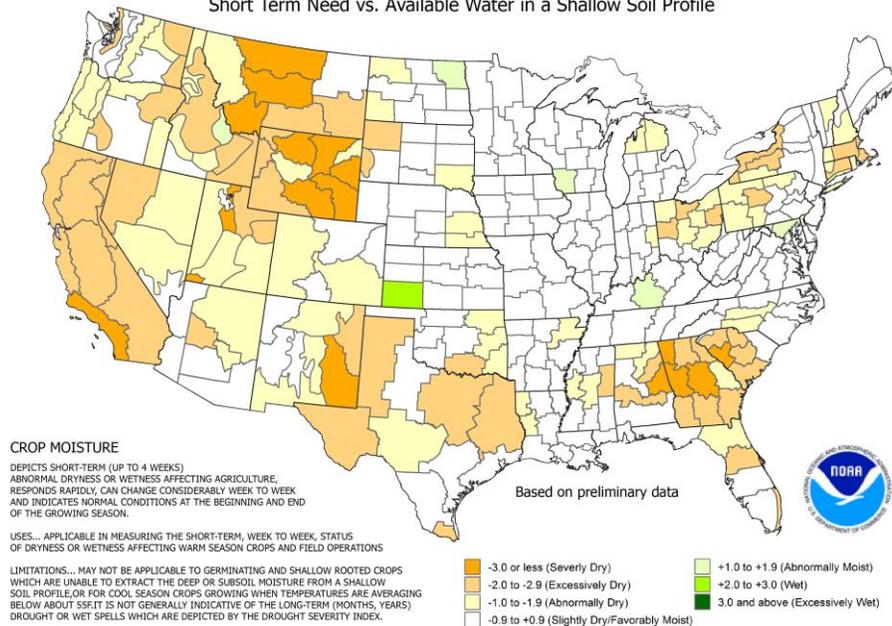
Map 3. 12 Month SPI ending July 2016.

Drought Severity Index by Division
Weekly Value for Period Ending Jul 30, 2016
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 7/30/2016. RI Palmer is in the Moderate Drought range, value -2.43.

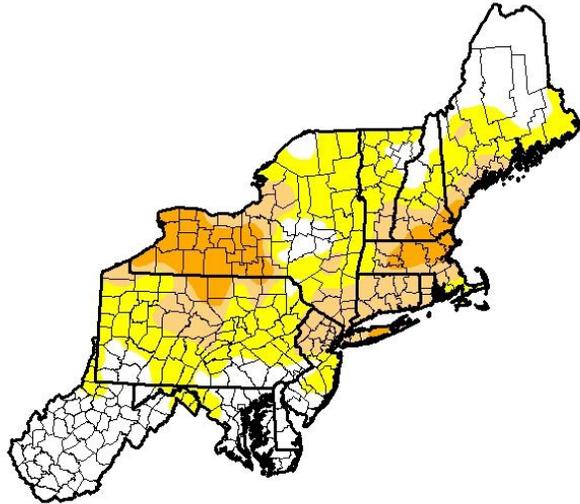
Crop Moisture Index by Division
Weekly Value for Period Ending Jul 30, 2016
Short Term Need vs. Available Water in a Shallow Soil Profile



Map 5. Crop Moisture Index as of July 30, 2016. RI CMI value is -1.65 (Abnormally Dry).

U.S. Drought Monitor Northeast

July 26, 2016
(Released Thursday, Jul. 28, 2016)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.19	65.81	29.09	10.10	0.00	0.00
Last Week 7/19/2016	37.54	62.46	25.15	8.60	0.00	0.00
3 Months Ago 4/26/2016	60.97	39.03	5.04	0.00	0.00	0.00
Start of Calendar Year 1/22/2015	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 7/28/2015	91.18	8.82	2.25	0.00	0.00	0.00

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional 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 valid July 26, 2016.

U.S. Drought Monitor Rhode Island

July 26, 2016
(Released Thursday, Jul. 28, 2016)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	90.18	0.00	0.00	0.00
Last Week 7/19/2016	0.00	100.00	90.09	0.00	0.00	0.00
3 Months Ago 4/26/2016	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 1/22/2015	12.07	87.93	18.42	0.00	0.00	0.00
Start of Water Year 9/29/2015	12.07	87.93	52.33	0.00	0.00	0.00
One Year Ago 7/28/2015	45.83	54.17	26.42	0.00	0.00	0.00

Intensity:

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

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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Map 7. U.S. Drought Monitor zoom-in on Rhode Island, valid July 26, 2016.