

Rhode Island Precipitation
National Weather Service Taunton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending August 2016
Includes CoCoRaHS Data

RI 1 month August 2016	Rainfall	Departure	Percent	Normal
Northwest	6.23	1.90	144	4.33
Northeast	3.99	-0.14	97	4.13
Central West	3.48	-0.54	87	4.02
Central East	3.18	-0.42	88	3.60
Eastern	1.34	-2.46	35	3.80
Southern	2.11	-2.25	48	4.36
New Shoreham	2.27	-2.09	52	4.36

RI 2 month July-Aug 16	Rainfall	Departure	Percent	Normal
Northwest	8.72	0.57	107	8.15
Northeast	6.07	-1.87	76	7.94
Central West	6.57	-1.09	86	7.66
Central East	6.05	-0.84	88	6.89
Eastern	3.45	-3.14	52	6.59
Southern	4.31	-3.71	54	8.02
New Shoreham	5.23	-2.79	65	8.02

RI 3 month Jun-Aug 16	Rainfall	Departure	Percent	Normal
Northwest	10.51	-2.22	83	12.73
Northeast	8.14	-4.01	67	12.15
Central West	8.63	-3.17	73	11.80
Central East	8.20	-2.33	78	10.53
Eastern	4.70	-5.77	45	10.47
Southern	5.83	-6.47	47	12.30
New Shoreham	6.00	-6.30	49	12.30

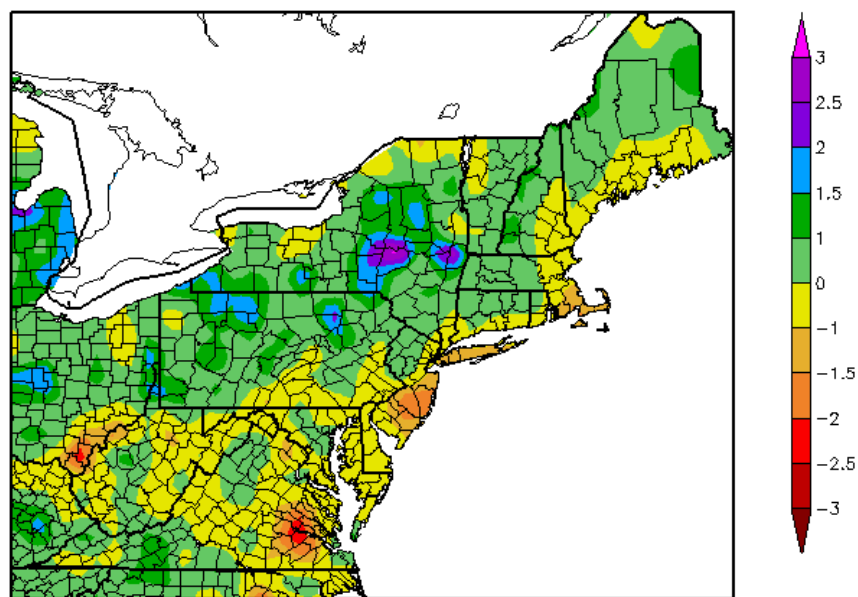
RI 6 month Mar-Aug 16	Rainfall	Departure	Percent	Normal
Northwest	21.34	-5.46	80	26.80
Northeast	18.53	-7.15	72	25.68
Central West	19.53	-5.78	77	25.31
Central East	18.81	-4.64	80	23.45
Eastern	14.77	-9.84	60	24.61
Southern	16.38	-10.45	61	26.83
New Shoreham	17.73	-9.10	66	26.83

RI 12 month Sep 15-Aug 16	Rainfall	Departure	Percent	Normal
Northwest	46.43	-7.27	86	53.70
Northeast	41.87	-9.55	81	51.42
Central West	44.94	-5.83	89	50.77
Central East	40.96	-6.22	87	47.18
Eastern	41.61	-6.93	86	48.54
Southern	43.40	-9.47	82	52.87
New Shoreham	43.28	-9.59	82	52.87

RI 24 month Sep 14-Aug 16	Rainfall	Departure	Percent	Normal
Northwest	90.50	-16.90	84	107.40
Northeast	84.51	-18.33	82	102.84
Central West	88.59	-12.95	87	101.54
Central East	86.99	-7.37	92	94.36
Eastern	84.85	-12.23	87	97.08
Southern	85.35	-20.39	81	105.74
New Shoreham	85.30	-20.44	81	105.74

RI 36 month Sep 13-Aug 16	Rainfall	Departure	Percent	Normal
Northwest	133.88	-27.22	83	161.10
Northeast	128.03	-26.23	83	154.26
Central West	138.27	-14.04	91	152.31
Central East	135.62	-5.92	96	141.54
Eastern	128.32	-17.30	88	145.62
Southern	135.44	-23.17	85	158.61
New Shoreham	135.35	-23.26	85	158.61

Monthly SPI 8/1/2016 – 8/31/2016

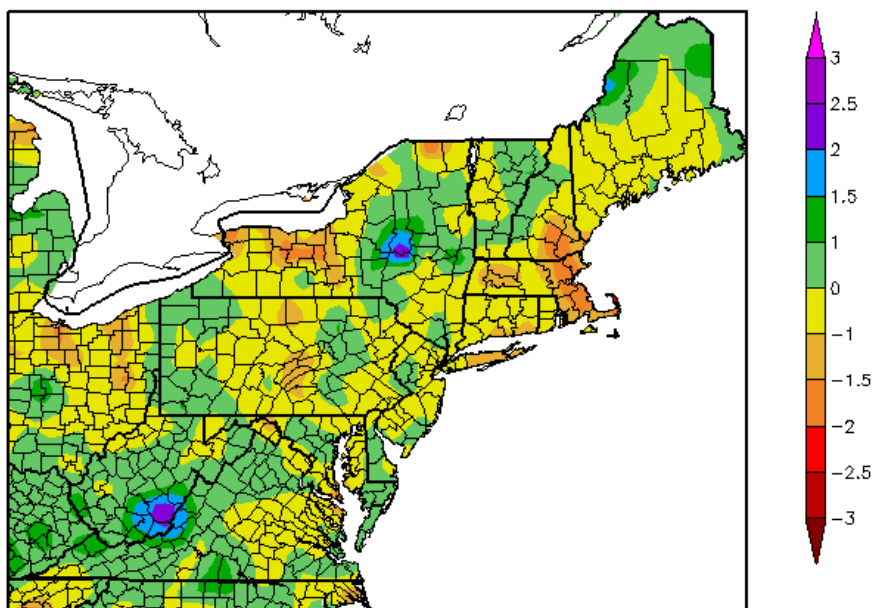


Generated 9/5/2016 at HPRCC using provisional data.

Regional Climate Centers

Map 1. 1 Month SPI for August 2016.

3-Month SPI 6/1/2016 – 8/31/2016

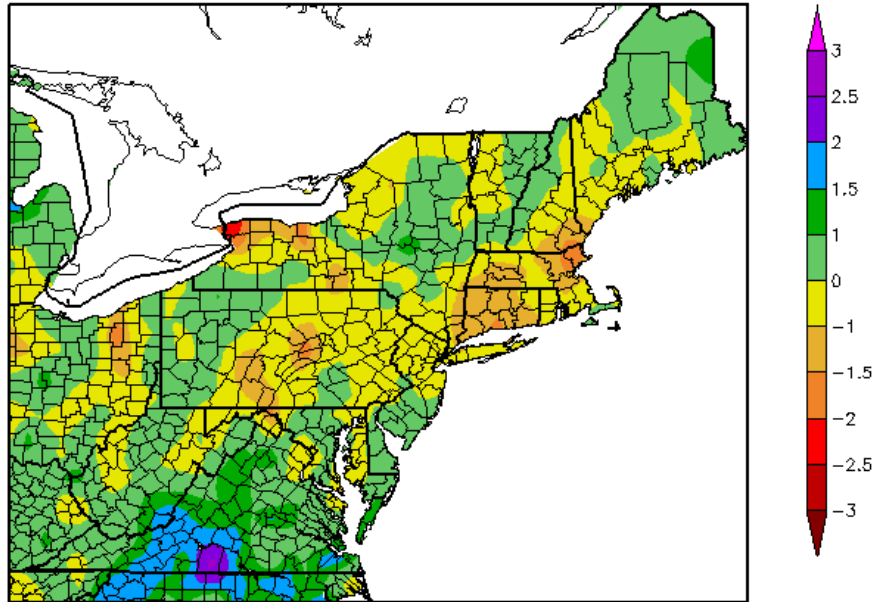


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Map 2. 3-Month SPI ending August 2016.

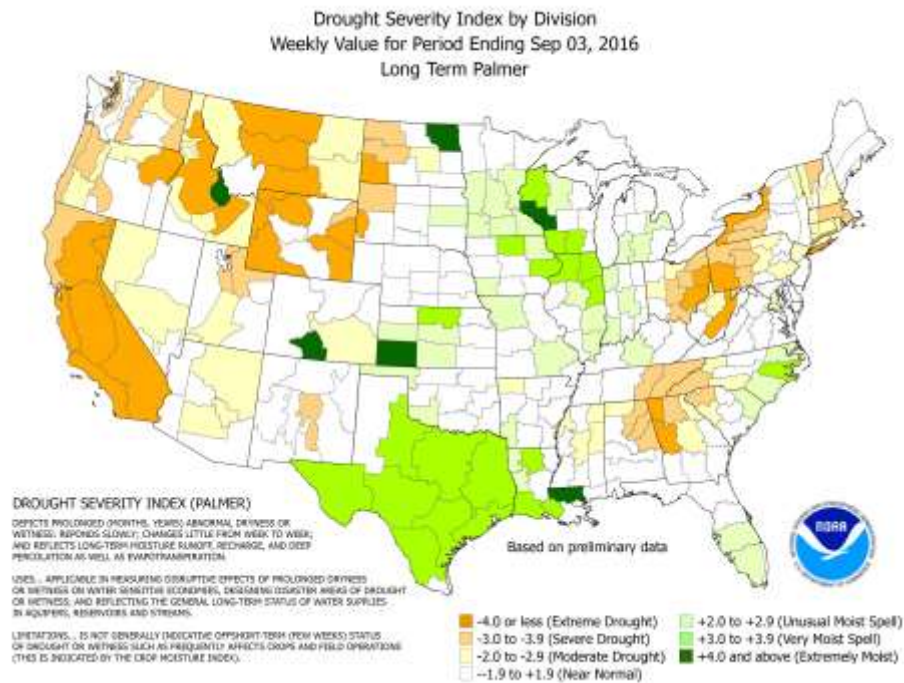
12-Month SPI
9/1/2015 – 8/31/2016



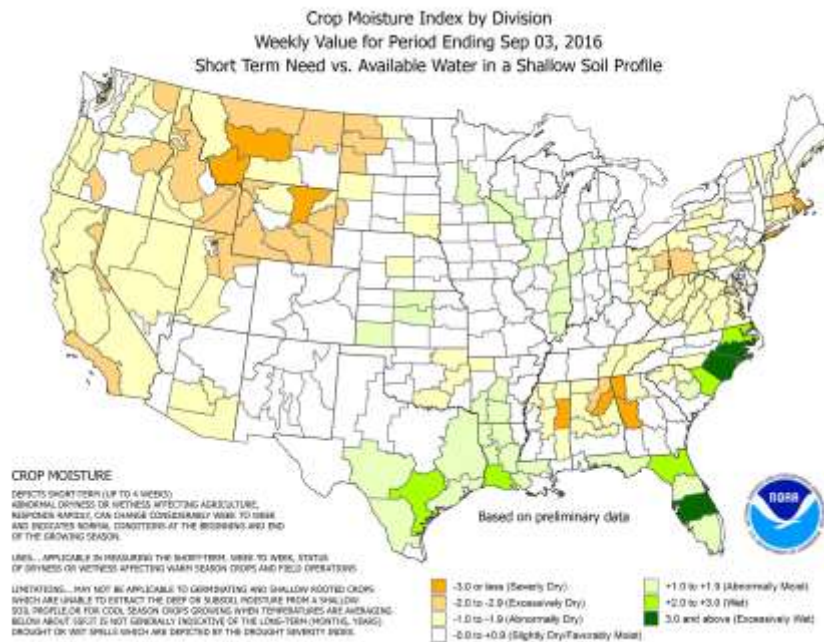
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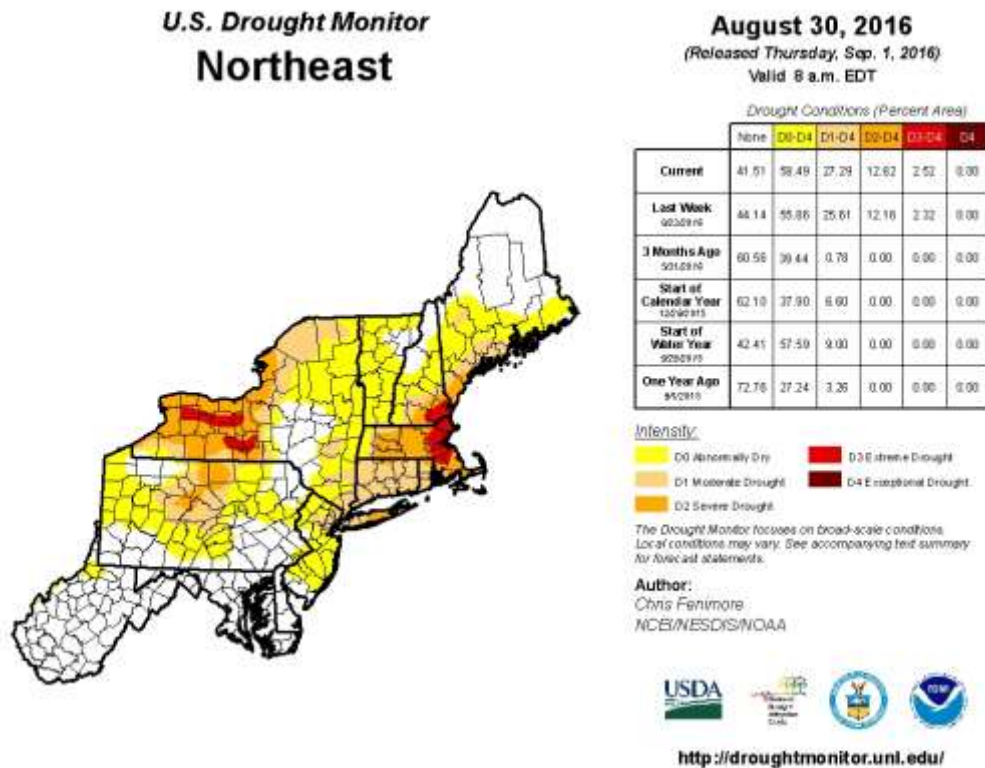
Map 3. 12 Month SPI ending August 2016.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated September 3, 2016.
RI Palmer is in the Moderate Drought range, value -2.57.



Map 5. Crop Moisture Index as of September 3, 2016. RI CMI value is -1.76 (Abnormally Dry).



Map 6. US Drought Monitor valid August 30, 2016.

U.S. Drought Monitor Rhode Island



August 30, 2016
(Released Thursday, Sep. 1, 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	99.02	15.87	0.01	0.00
Last Week 8/23/2016	0.00	100.00	82.60	15.87	0.00	0.00
3 Months Ago 6/1/2016	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 1/2/2015	12.07	87.93	18.42	0.00	0.00	0.00
Start of Water Year 9/26/2015	12.07	87.93	52.33	0.00	0.00	0.00
One Year Ago 8/30/2015	19.58	80.44	17.32	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
NCE/NESDIS/NOAA



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

Map 7. U.S. Drought Monitor zoom-in on Rhode Island, valid August 30, 2016.