

Rhode Island Precipitation
National Weather Service Taunton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 months ending August 2014
Includes CoCoRaHS data

RI 1 month August 2014	Rainfall	Departure	Percent	Normal
Northwest	3.90	-0.43	90	4.33
Northeast	3.51	-0.62	85	4.13
Central West	4.37	0.35	109	4.02
Central East	3.02	-0.58	84	3.60
Eastern	1.44	-2.36	38	3.80
Southern	1.49	-2.87	34	4.36
New Shoreham	1.24	-3.12	28	4.36

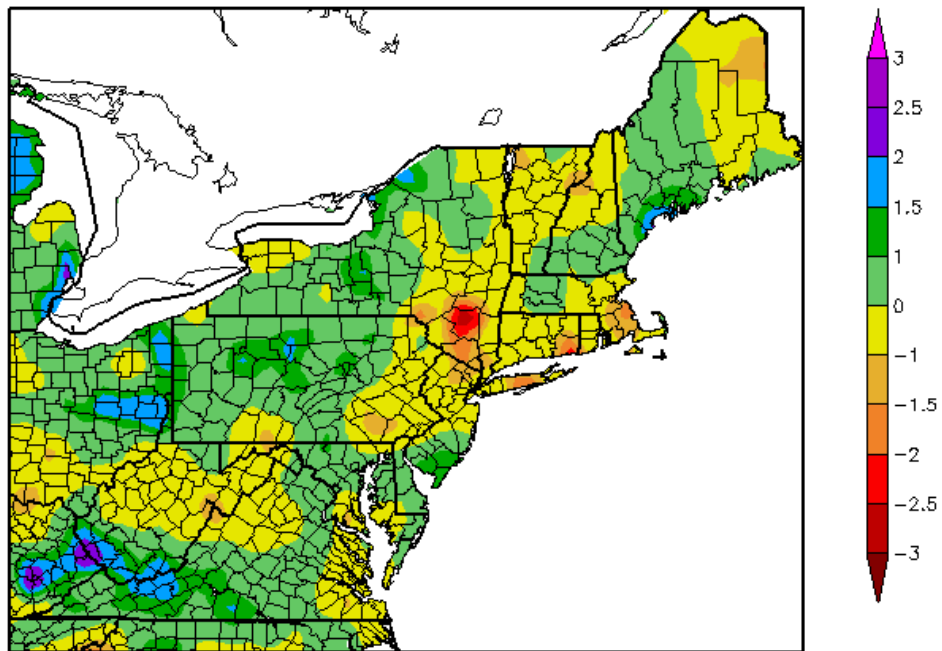
RI 2 month Jul-Aug 14	Rainfall	Departure	Percent	Normal
Northwest	6.96	-1.19	85	8.15
Northeast	6.63	-1.31	84	7.94
Central West	8.29	0.63	108	7.66
Central East	6.77	-0.12	98	6.89
Eastern	7.18	0.59	109	6.59
Southern	6.67	-1.35	83	8.02
New Shoreham	7.26	-0.76	91	8.02

RI 3 month Jun-Aug 14	Rainfall	Departure	Percent	Normal
Northwest	9.09	-3.64	71	12.73
Northeast	9.15	-3.00	75	12.15
Central West	11.13	-0.67	94	11.80
Central East	9.42	-1.11	89	10.53
Eastern	9.14	-1.33	87	10.47
Southern	9.48	-2.82	77	12.30
New Shoreham	10.47	-1.83	85	12.30

RI 6 month Mar-Aug 14	Rainfall	Departure	Percent	Normal
Northwest	23.04	-3.76	86	26.80
Northeast	21.37	-4.31	83	25.68
Central West	25.45	0.14	101	25.31
Central East	23.78	0.33	101	23.45
Eastern	22.63	-1.98	92	24.61
Southern	25.94	-0.89	97	26.83
New Shoreham	26.66	-0.17	99	26.83

RI 12 month Sep 13-Aug 14	Rainfall	Departure	Percent	Normal
Northwest	43.38	-10.32	81	53.70
Northeast	43.52	-7.90	85	51.42
Central West	49.68	-1.09	98	50.77
Central East	48.63	0.30	101	48.33
Eastern	43.47	-5.07	90	48.54
Southern	50.09	-2.78	95	52.87
New Shoreham	50.05	-2.82	95	52.87

Monthly SPI
8/1/2014 – 8/31/2014

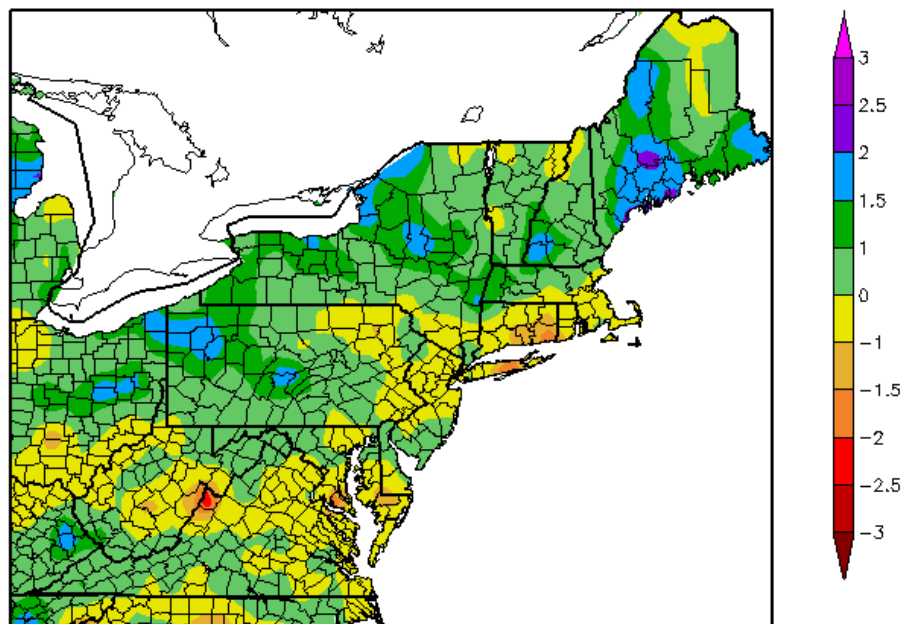


Generated 9/2/2014 at HPRCC using provisional data.

Regional Climate Centers

Map 1. One month SPI for August 2014.

3-Month SPI
6/1/2014 – 8/31/2014

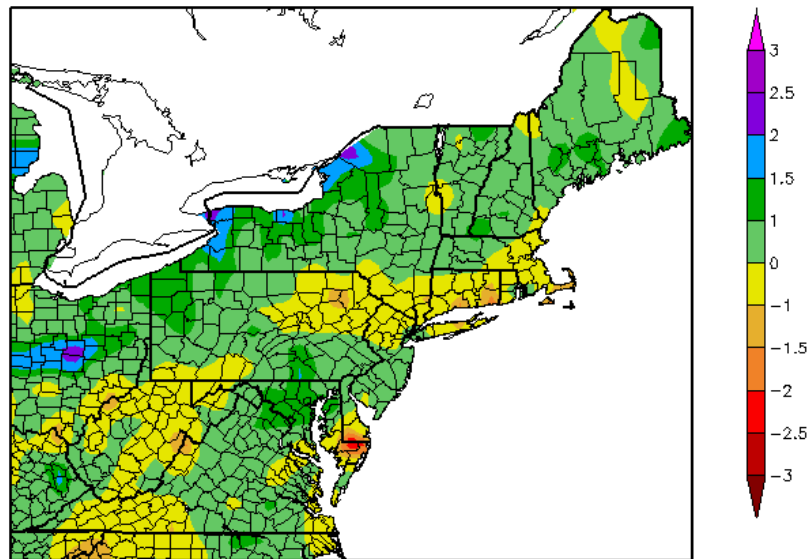


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Map 2. Three month SPI for June through August 2014.

12-Month SPI
9/1/2013 – 8/31/2014

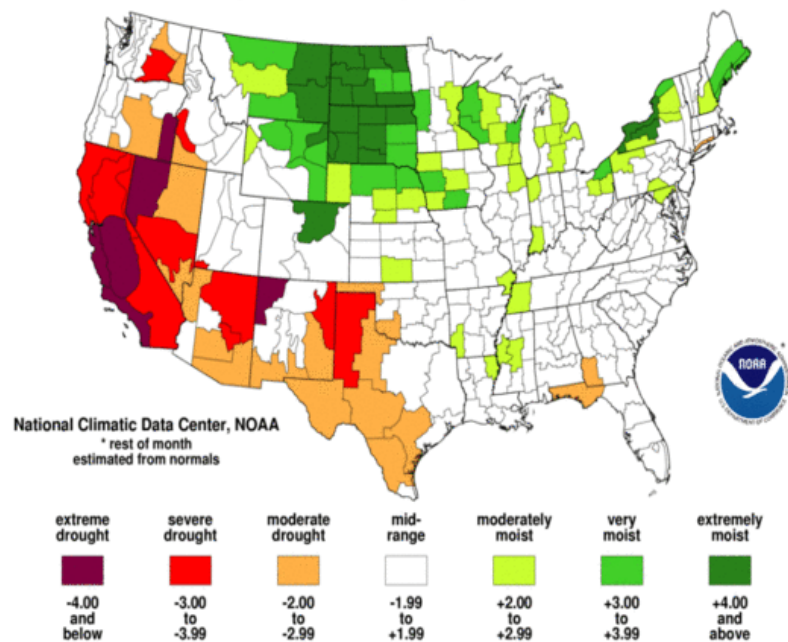


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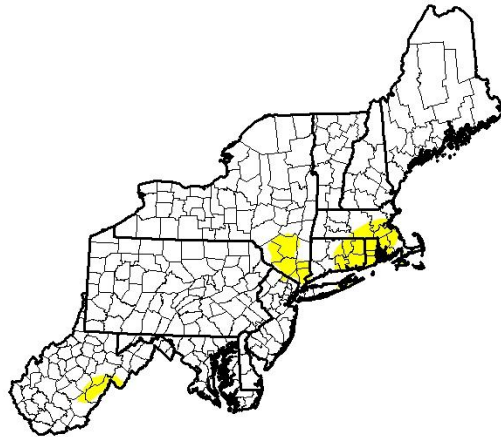
Map 3. Twelve month Standardized Precipitation Index ending 8/31/2014.

Palmer Drought Index
Long-Term (Meteorological) Conditions
August 2014: through August 30, 2014*



Map 4. Palmer Drought Index from the Climate Prediction Center.

U.S. Drought Monitor Northeast



September 2, 2014

(Released Thursday, Sep. 4, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.25	5.75	0.00	0.00	0.00	0.00
Last Week 9/26/2014	94.26	5.74	0.00	0.00	0.00	0.00
3 Months Ago 6/2/2014	98.68	1.32	0.00	0.00	0.00	0.00
Start of Calendar Year 1/2/2013	69.89	30.12	6.76	0.00	0.00	0.00
Start of Water Year 10/1/2013	80.01	19.99	0.00	0.00	0.00	0.00
One Year Ago 9/2/2013	95.54	4.46	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:

David Simerai
Western Regional Climate Center



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

Map 5. U.S. Drought Monitor.

U.S. Drought Monitor Rhode Island



September 2, 2014

(Released Thursday, Sep. 4, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.98	99.02	0.00	0.00	0.00	0.00
Last Week 9/26/2014	0.98	99.02	0.00	0.00	0.00	0.00
3 Months Ago 6/2/2014	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 1/2/2013	0.00	100.00	4.49	0.00	0.00	0.00
Start of Water Year 10/1/2013	80.67	19.33	0.00	0.00	0.00	0.00
One Year Ago 9/2/2013	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

■ D0 Abnormally Dry ■ D3 Extreme Drought
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Zoom in on Rhode Island for the 9/2/14 U.S. Drought Monitor.

Additional details regarding the precipitation during August 2014:

Much of the precipitation for August 2014 fell during the 13th to 14th of the month. Minimal precipitation fell during the second half of the month at most locales in Rhode Island. Provisional details for TF Green Airport as well as Cooperative Weather Observers in the State follow:

Providence/TF Green Airport Warwick: Total for month 2.70". 2.26" fell on 8/13. Only 0.25" of rain from 8/14 to the end of August. Temperature averaged 1.8 degrees F below normal.

Coventry: Total for the month 5.10". 4.95" fell 8/13-14. Only Trace of precipitation 8/15-8/31 (provisional) No temperature data available for this site.

Woonsocket: Total for the month 3.53". 2.59" fell on 8/13-14. During 8/15-8/31 0.68" fell. Temperature averaged 1.8 degrees F below normal.

Tiverton: Total for August 1.86". 0.78" fell on 8/13-14. Only 0.25" from 8/15 to the end of the month. Temperature averaged 2.8 degrees F below normal.

Kingston: Total for month 1.71". 0.62" fell on 8/13-14. Only 0.21" from 8/15 to the end of the month. Temperature averaged 2.8 degrees F below normal.

North Foster: Total for month 4.13", 3.46" fell on 8/13-14 (Provisional). Temperature data unavailable at this time.