

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

<b>RI 1 month September 2014</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	0.79	-3.30	19	4.09
Northeast	0.64	-3.30	16	3.94
Central West	0.97	-3.01	24	3.98
Central East	0.80	-3.12	20	3.92
Eastern	1.12	-2.61	30	3.73
Southern	0.87	-3.35	21	4.22
New Shoreham	0.88	-3.34	21	4.22

<b>RI 2 month Aug-Sep 14</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	4.69	-3.73	56	8.42
Northeast	4.15	-3.92	51	8.07
Central West	5.34	-2.66	67	8.00
Central East	3.82	-3.70	51	7.52
Eastern	2.56	-4.97	34	7.53
Southern	2.36	-6.22	28	8.58
New Shoreham	2.12	-6.46	25	8.58

<b>RI 3 month Jul-Sep 14</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	7.75	-4.49	63	12.24
Northeast	7.27	-4.61	61	11.88
Central West	9.26	-2.38	80	11.64
Central East	7.57	-3.24	70	10.81
Eastern	8.3	-2.02	80	10.32
Southern	7.54	-4.70	62	12.24
New Shoreham	8.14	-4.10	67	12.24

<b>RI 6 month Apr-Sep 14</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	18.88	-6.56	74	25.44
Northeast	17.22	-7.38	70	24.60
Central West	20.47	-3.66	85	24.13
Central East	17.79	-4.57	80	22.36
Eastern	17.14	-5.52	76	22.66
Southern	18.96	-6.55	74	25.51
New Shoreham	19.69	-5.82	77	25.51

RI 12 month Oct 13-Sep 14	Rainfall	Departure	Percent	Normal
Northwest	41.66	-12.04	78	53.70
Northeast	40.29	-11.13	78	51.42
Central West	45.33	-5.44	89	50.77
Central East	43.78	-3.40	93	47.18
Eastern	42.06	-6.48	87	48.54
Southern	46.42	-6.45	88	52.87
New Shoreham	46.57	-6.30	88	52.87

**Preliminary Rankings with respect to top ten driest  
Septembers on record for RI long term climate/Cooperative  
Weather Observer locations:**

Kingston RI- 0.88”

4<sup>th</sup> Driest September on record for this location  
(Records 1893-present)

North Foster, RI – 0.74”

Top Driest September on record for this location  
(Records 1975-present)

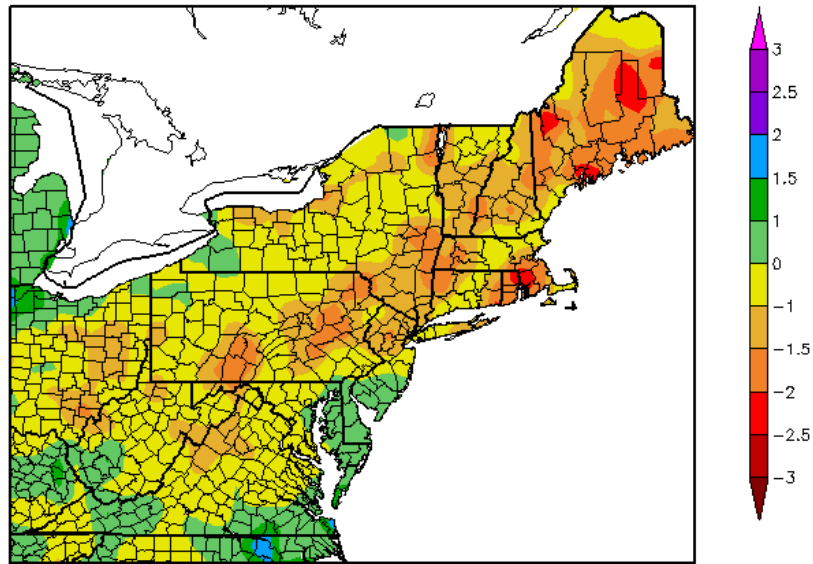
Woonsocket, RI – 0.62”

Top Driest September on record for this location  
(Records 1948-present)

Providence/TF Green Airport – 0.74”

2<sup>nd</sup> Driest September on record for this location  
(Records 1904-present)

Monthly SPI  
9/1/2014 – 9/30/2014

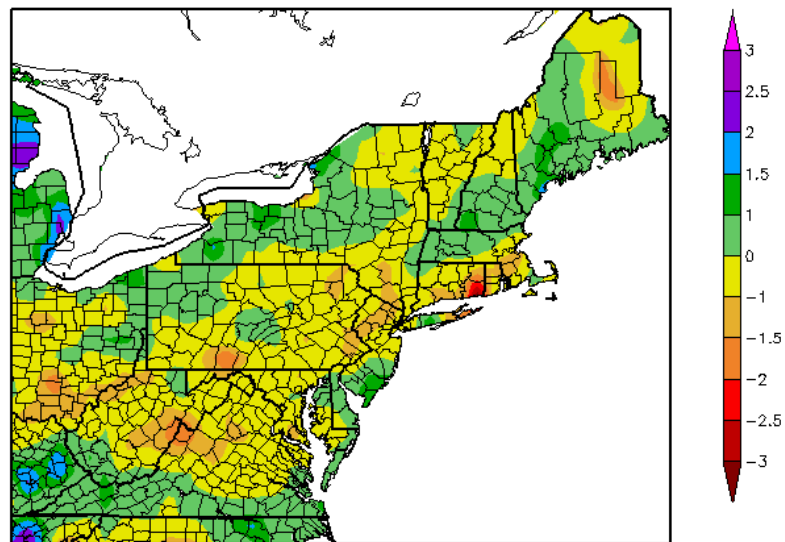


Generated 10/5/2014 at HPRCC using provisional data.

Regional Climate Centers

Map 1. One month SPI for September 2014.

3-Month SPI  
7/1/2014 – 9/30/2014

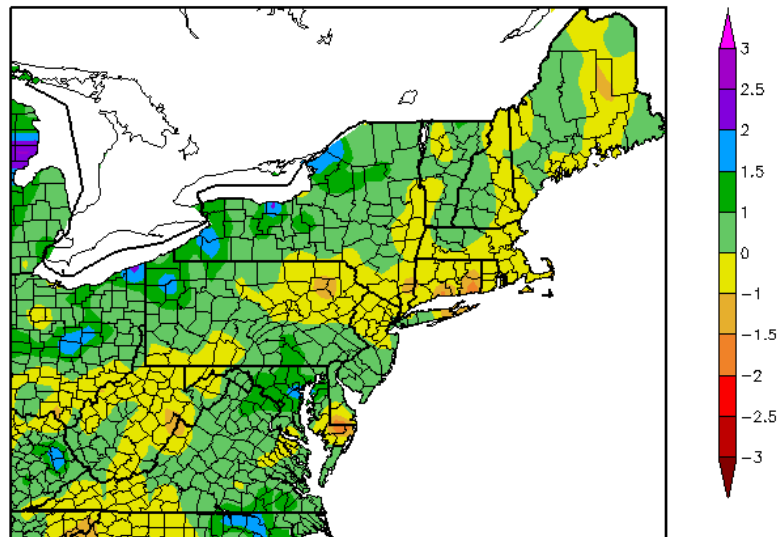


Generated 10/5/2014 at HPRCC using provisional data.

Regional Climate Centers

Map 2. Three month SPI for July-September 2014

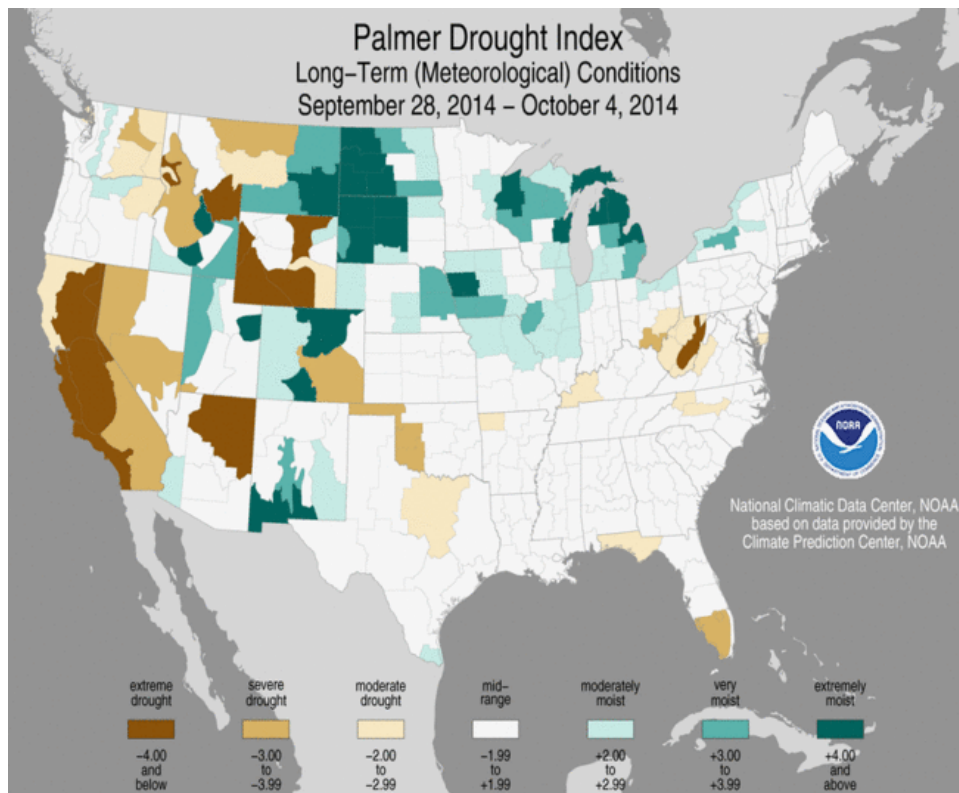
12-Month SPI  
10/1/2013 – 9/30/2014



Generated 10/5/2014 at HPRCC using provisional data.

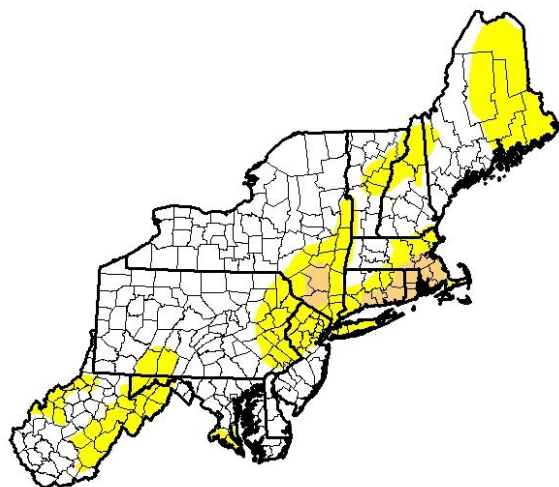
Regional Climate Centers

Map 3. Twelve month Standardized Precipitation Index ending 9/30/2014.



Map 4. Palmer Drought Index from the National Climatic Data Center, NOAA.

## U.S. Drought Monitor Northeast



**September 30, 2014**

(Released Thursday, Oct. 2, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	65.88	34.12	3.56	0.00	0.00	0.00
<b>Last Week</b> 9/23/2014	71.88	28.12	2.92	0.00	0.00	0.00
<b>3 Months Ago</b> 7/9/2014	95.87	4.13	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 1/2/2013	69.88	30.12	6.76	0.00	0.00	0.00
<b>Start of Water Year</b> 1/9/2013	80.01	19.99	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 10/1/2013	80.01	19.99	0.00	0.00	0.00	0.00

### Intensity:

<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D0 Abnormally Dry	<span style="background-color: red; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D3 Extreme Drought
<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D1 Moderate Drought	<span style="background-color: darkred; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D4 Exceptional Drought
<span style="background-color: darkorange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D2 Severe Drought	

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

**Author:**  
Richard Heim  
NCDC/NOAA



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

Map 5. U.S. Drought Monitor effective September 30<sup>th</sup> 2014.

## U.S. Drought Monitor Rhode Island



**September 30, 2014**

(Released Thursday, Oct. 2, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	99.02	0.00	0.00	0.00
<b>Last Week</b> 9/23/2014	0.00	100.00	99.02	0.00	0.00	0.00
<b>3 Months Ago</b> 7/9/2014	0.00	100.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 1/2/2013	0.00	100.00	4.49	0.00	0.00	0.00
<b>Start of Water Year</b> 1/9/2013	80.67	19.33	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 10/1/2013	80.67	19.33	0.00	0.00	0.00	0.00

### Intensity:

<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D0 Abnormally Dry	<span style="background-color: red; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> D3 Extreme Drought
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Zoom in on Rhode Island for the 9/30/14 U.S. Drought Monitor.