

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

RI 1 month September 2016	Rainfall	Departure	Percent	Normal
Northwest	2.97	-1.12	73	4.09
Northeast	1.47	-2.47	37	3.94
Central West	3.53	-0.45	89	3.98
Central East	2.15	-1.77	55	3.92
Eastern	2.92	-0.81	78	3.73
Southern	3.56	-0.66	84	4.22
New Shoreham	4.48	0.26	106	4.22

RI 2 month Aug-Sep 16	Rainfall	Departure	Percent	Normal
Northwest	9.20	0.78	109	8.42
Northeast	5.46	-2.61	68	8.07
Central West	7.01	-0.99	88	8.00
Central East	5.33	-2.19	71	7.52
Eastern	4.26	-3.27	57	7.53
Southern	5.67	-2.91	66	8.58
New Shoreham	6.75	-1.83	79	8.58

RI 3 month Jul-Sep 16	Rainfall	Departure	Percent	Normal
Northwest	11.69	-0.55	96	12.24
Northeast	7.54	-4.34	63	11.88
Central West	10.10	-1.54	87	11.64
Central East	8.20	-2.61	76	10.81
Eastern	6.37	-3.95	62	10.32
Southern	7.87	-4.37	64	12.24
New Shoreham	9.71	-2.53	79	12.24

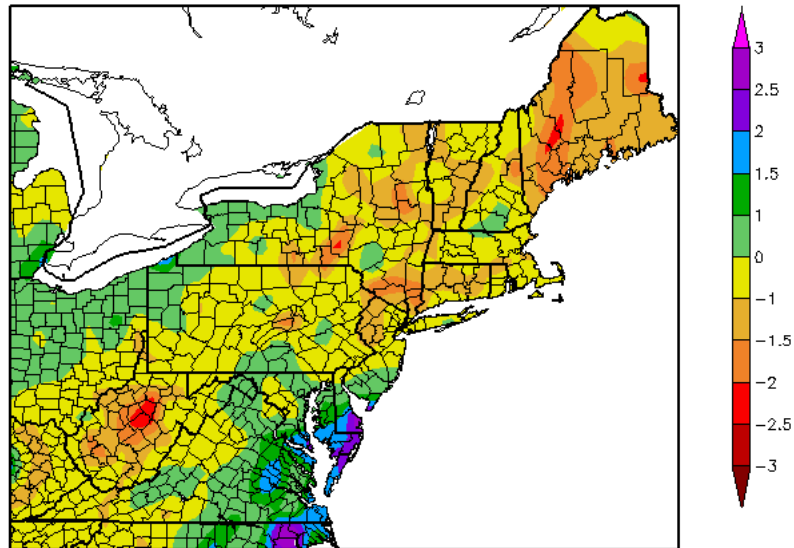
RI 6 month Apr-Sep 16	Rainfall	Departure	Percent	Normal
Northwest	22.14	-3.30	87	25.44
Northeast	17.61	-6.99	72	24.60
Central West	20.65	-3.48	86	24.13
Central East	18.28	-4.08	82	22.36
Eastern	14.96	-7.70	66	22.66
Southern	16.85	-8.66	66	25.51
New Shoreham	18.74	-6.77	73	25.51

RI 12 month Oct 15-Sep 16	Rainfall	Departure	Percent	Normal
Northwest	45.79	-7.91	85	53.70
Northeast	41.04	-10.38	80	51.42
Central West	44.89	-5.88	88	50.77
Central East	40.49	-6.69	86	47.18
Eastern	39.95	-8.59	82	48.54
Southern	42.99	-9.88	81	52.87
New Shoreham	42.78	-10.09	81	52.87

RI 24 month Oct 14-Sep 16	Rainfall	Departure	Percent	Normal
Northwest	92.68	-14.72	86	107.40
Northeast	85.34	-17.50	83	102.84
Central West	91.15	-10.39	90	101.54
Central East	88.34	-6.02	94	94.36
Eastern	86.65	-10.43	89	97.08
Southern	88.04	-17.70	83	105.74
New Shoreham	88.90	-16.84	84	105.74

RI 36 month Oct 13-Sep 16	Rainfall	Departure	Percent	Normal
Northwest	134.34	-26.76	83	161.10
Northeast	125.63	-28.63	81	154.26
Central West	136.48	-15.83	90	152.31
Central East	132.12	-9.42	93	141.54
Eastern	128.71	-16.91	88	145.62
Southern	134.46	-24.15	85	158.61
New Shoreham	135.47	-23.14	85	158.61

Monthly SPI
9/1/2016 – 9/30/2016

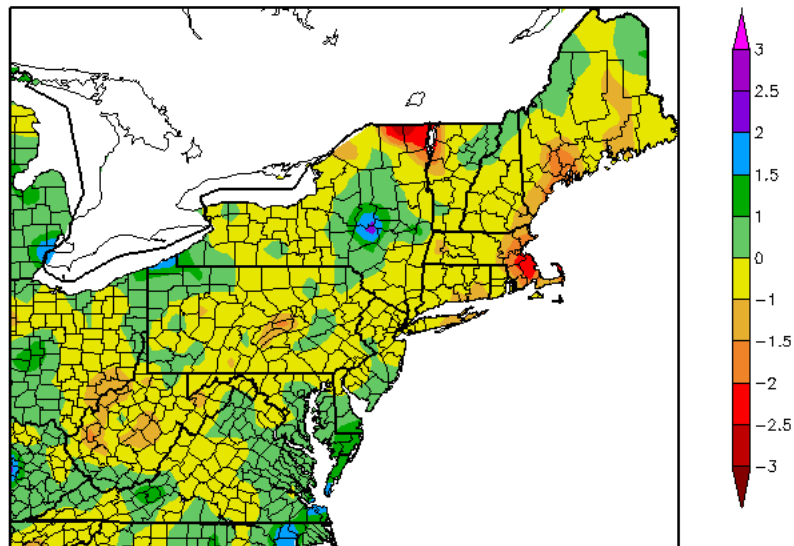


Generated 10/2/2016 at HPRCC using provisional data.

Regional Climate Centers

Map 1.1 Month SPI for September 2016.

3-Month SPI
7/1/2016 – 9/30/2016

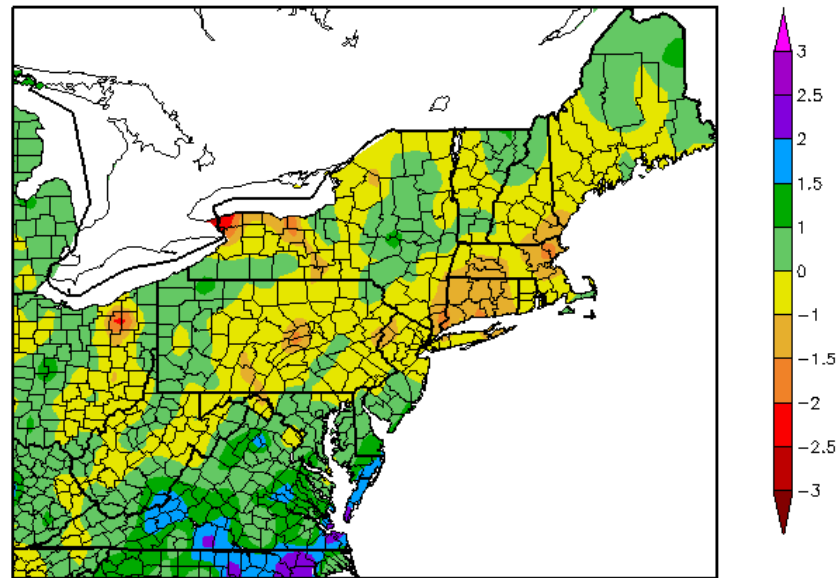


Generated 10/2/2016 at HPRCC using provisional data.

Regional Climate Centers

Map 2. 3-Month SPI ending September 2016.

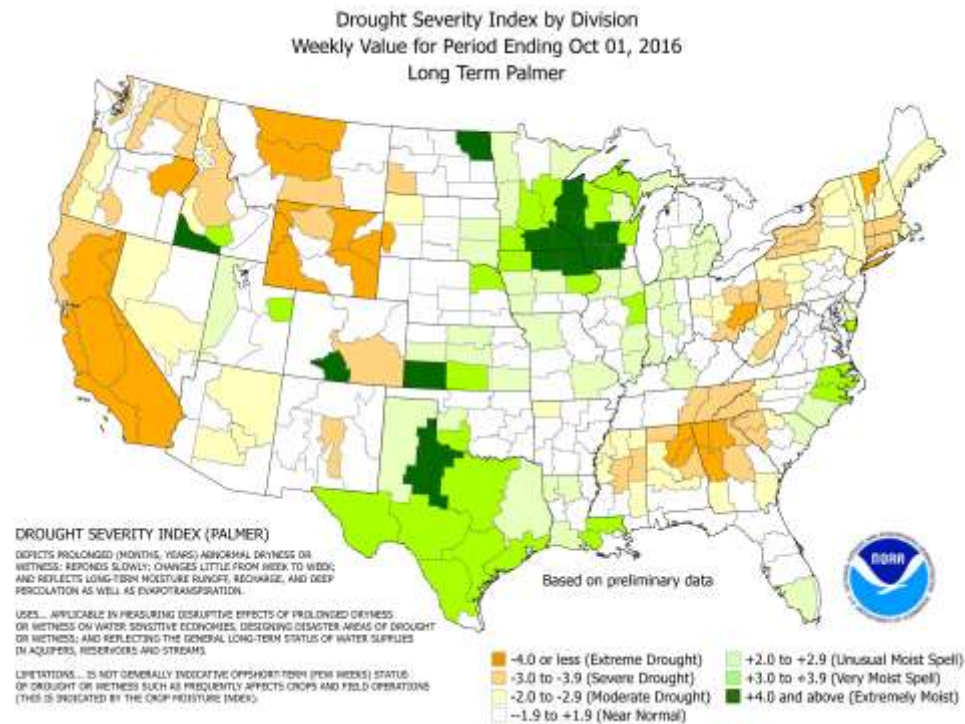
12-Month SPI 10/1/2015 – 9/30/2016



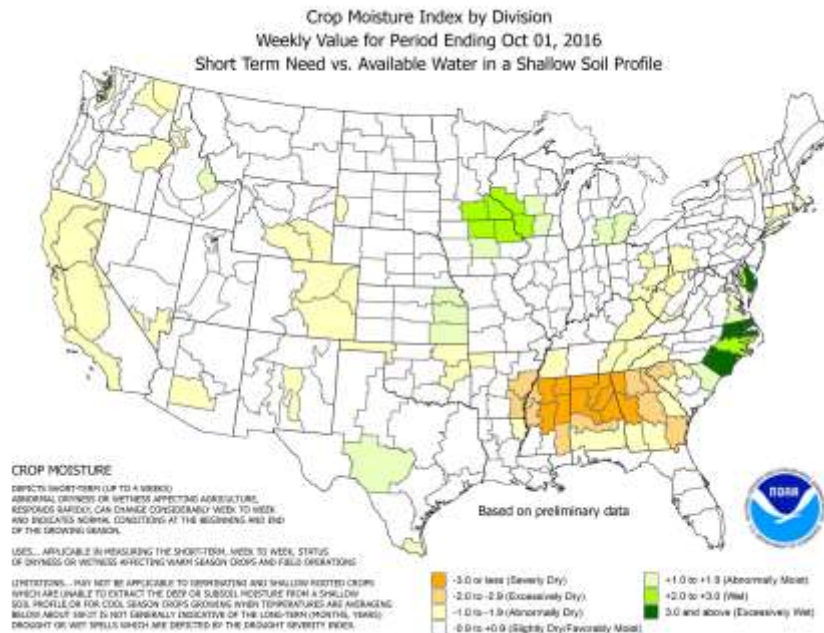
Generated 10/2/2016 at HPRCC using provisional data.

Regional Climate Centers

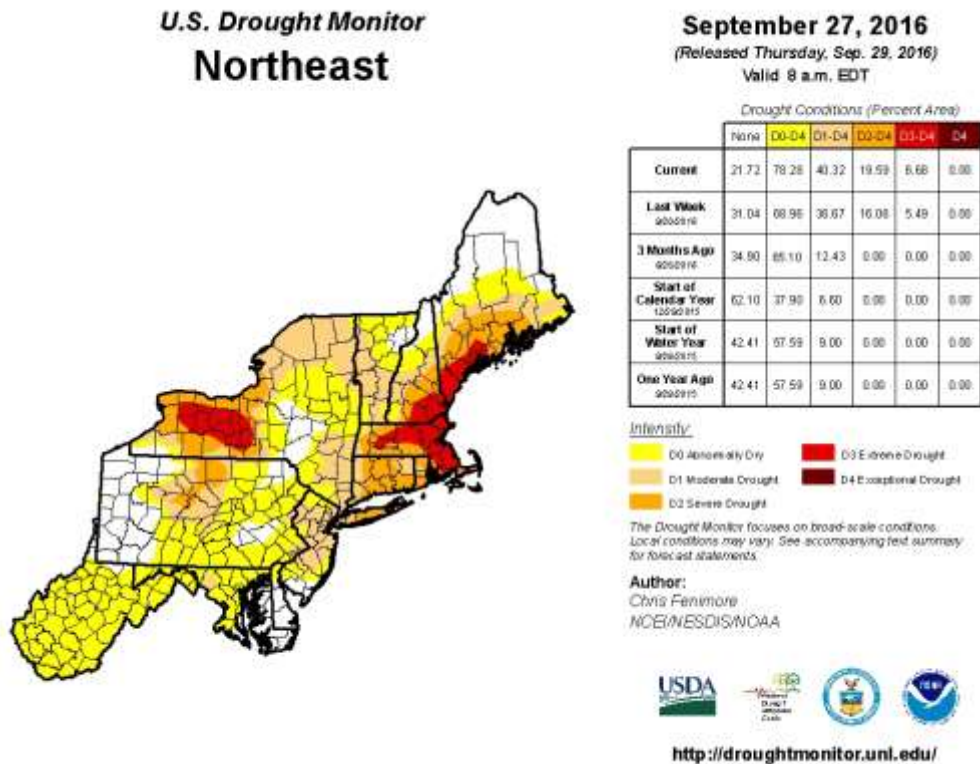
Map 3. 12 Month SPI ending September 2016.



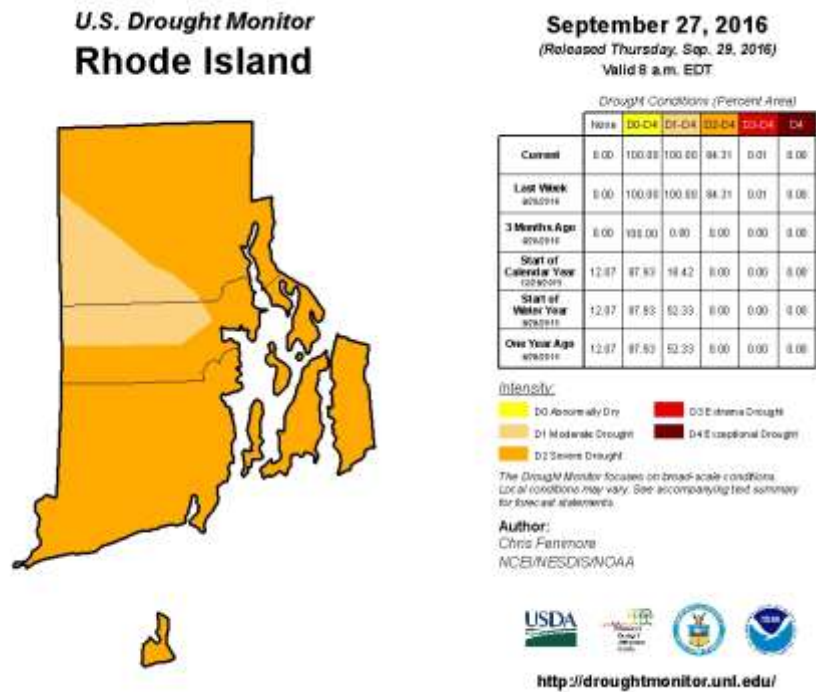
Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated October 1, 2016.
RI Palmer is in the Moderate Drought range, value -2.38.



Map 5. Crop Moisture Index as of October 1, 2016. RI CMI value is -0.71 (Normal- Growing season ending soon).



Map 6. US Drought Monitor valid September 27, 2016.



Map 7. U.S. Drought Monitor zoom-in on Rhode Island, valid September 27, 2016.