

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending September 2018
Includes CoCoRaHS Data

RI 1 Month September 2018	Rainfall	Departure	Percent	Normal
Northwest	9.89	+5.80	242	4.09
Northeast	8.95	+5.01	227	3.94
Central West	9.77	+5.79	245	3.98
Central East	9.25	+5.33	236	3.92
Eastern	6.22	+2.74	165	3.73
Southern	6.96	2.74	165	4.22
New Shoreham	4.73	+0.51	112	4.22

RI 2 Month Aug-Sep 2018	Rainfall	Departure	Percent	Normal
Northwest	14.93	+6.51	177	8.42
Northeast	13.74	+5.67	170	8.07
Central West	15.61	+7.61	195	8.00
Central East	14.93	+7.41	199	7.52
Eastern	9.90	+2.37	131	7.53
Southern	10.38	+1.80	121	8.58
New Shoreham	7.34	-1.24	86	8.58

RI 3 Month Jul-Sep 2018	Rainfall	Departure	Percent	Normal
Northwest	19.07	+6.83	156	12.24
Northeast	17.75	+5.87	149	11.88
Central West	17.78	+6.14	153	11.64
Central East	16.48	+5.67	152	10.81
Eastern	10.93	+0.61	106	10.32
Southern	12.37	+0.13	101	12.24
New Shoreham	8.66	-3.58	71	12.24

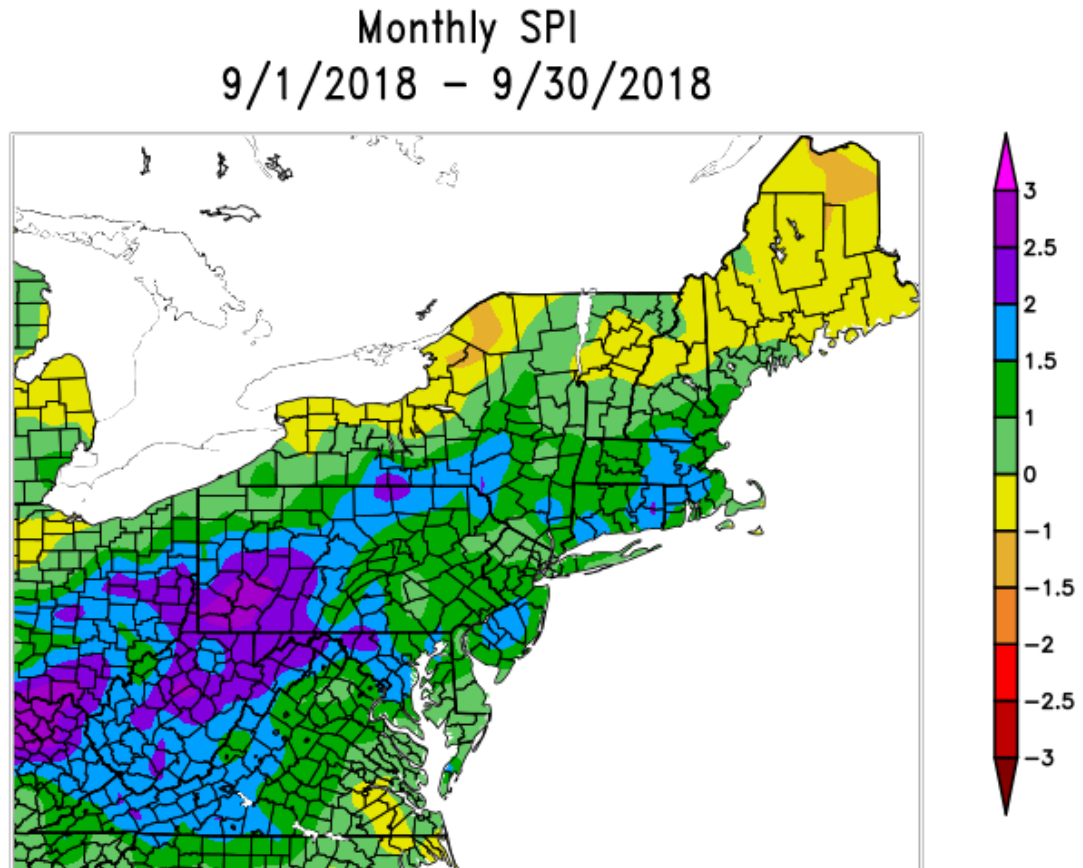
RI 6 Month Apr-Sep 2018	Rainfall	Departure	Percent	Normal
Northwest	30.80	+5.36	121	25.44
Northeast	29.15	+4.55	118	24.60
Central West	29.06	+4.93	120	24.13
Central East	27.52	+5.16	123	22.36
Eastern	20.57	-2.09	91	22.66
Southern	21.94	-3.57	86	25.51
New Shoreham	18.04	-7.47	71	25.51

RI 12 Month Oct 17-Sep 18	Rainfall	Departure	Percent	Normal
Northwest	63.66	+9.96	119	53.70
Northeast	58.48	+7.06	114	51.42
Central West	61.70	+10.93	122	50.77
Central East	56.29	+9.11	119	47.18
Eastern	50.98	2.44	105	48.54
Southern	54.16	+1.29	102	52.87
New Shoreham	48.49	-4.38	92	52.87

RI 24 Month Oct 16-Sep 18	Rainfall	Departure	Percent	Normal
Northwest	115.49	+8.09	108	107.40
Northeast	109.80	+6.96	107	102.84
Central West	114.11	+12.57	112	101.54
Central East	107.09	+12.73	113	94.36
Eastern	96.31	-0.77	99	97.08
Southern	106.19	+0.45	100	105.74
New Shoreham	95.21	-10.53	90	105.74

RI 36 Month	Rainfall	Departure	Percent	Normal
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Oct 15-Sep 18				
Northwest	161.28	+0.18	100	161.10
Northeast	150.84	-3.42	98	154.26
Central West	159.00	+6.69	104	152.31
Central East	147.58	+6.04	104	141.54
Eastern	136.26	-9.36	94	145.62
Southern	149.18	-9.43	94	158.61
New Shoreham	137.99	-20.62	87	158.61

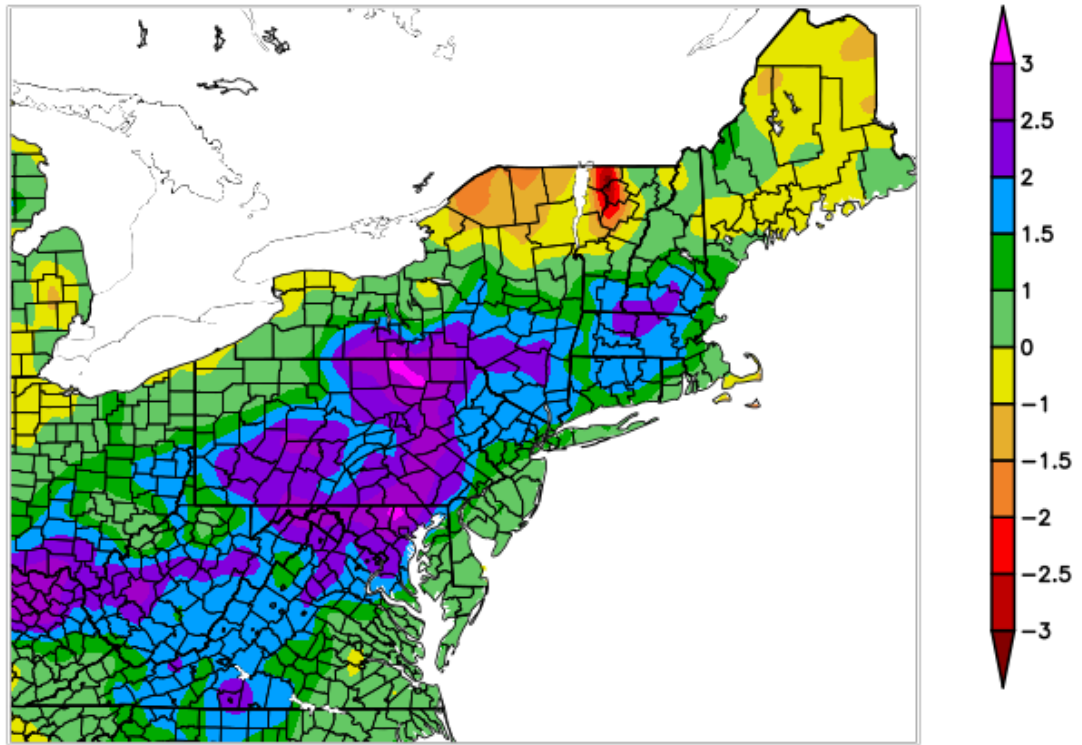


Generated 10/10/2018 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for September, 2018.

3-Month SPI
7/1/2018 – 9/30/2018

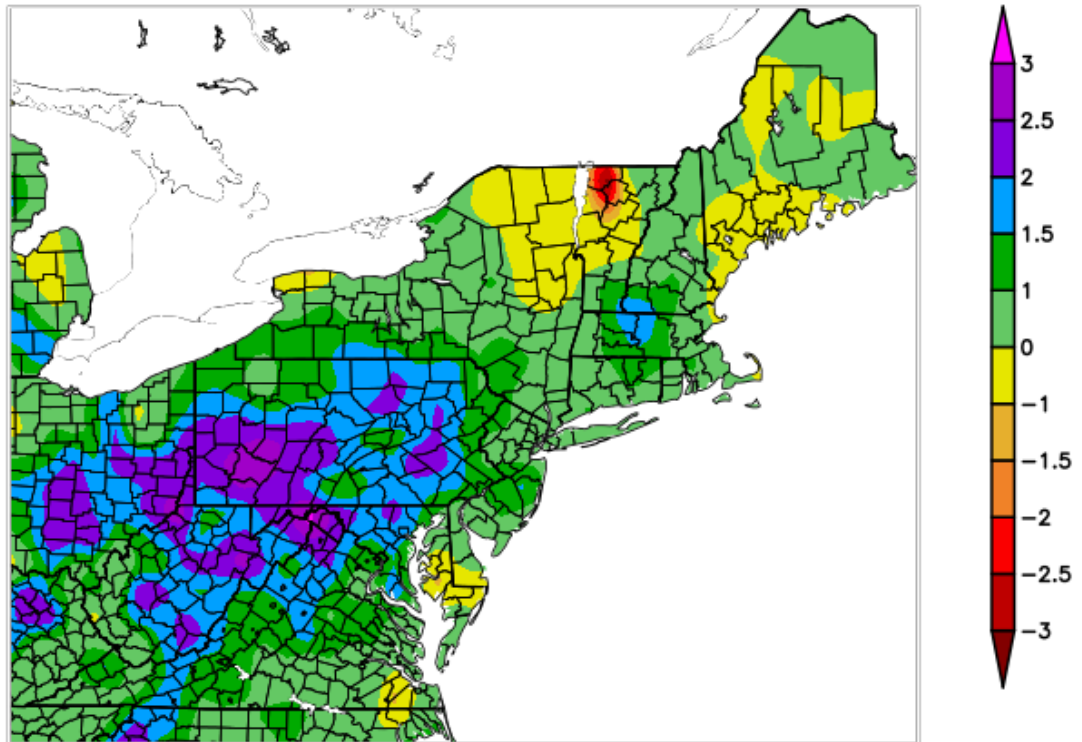


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NOAA Regional Climate Centers

Map 2. Three-Month SPI ending September, 2018.

12-Month SPI
10/1/2017 – 9/30/2018

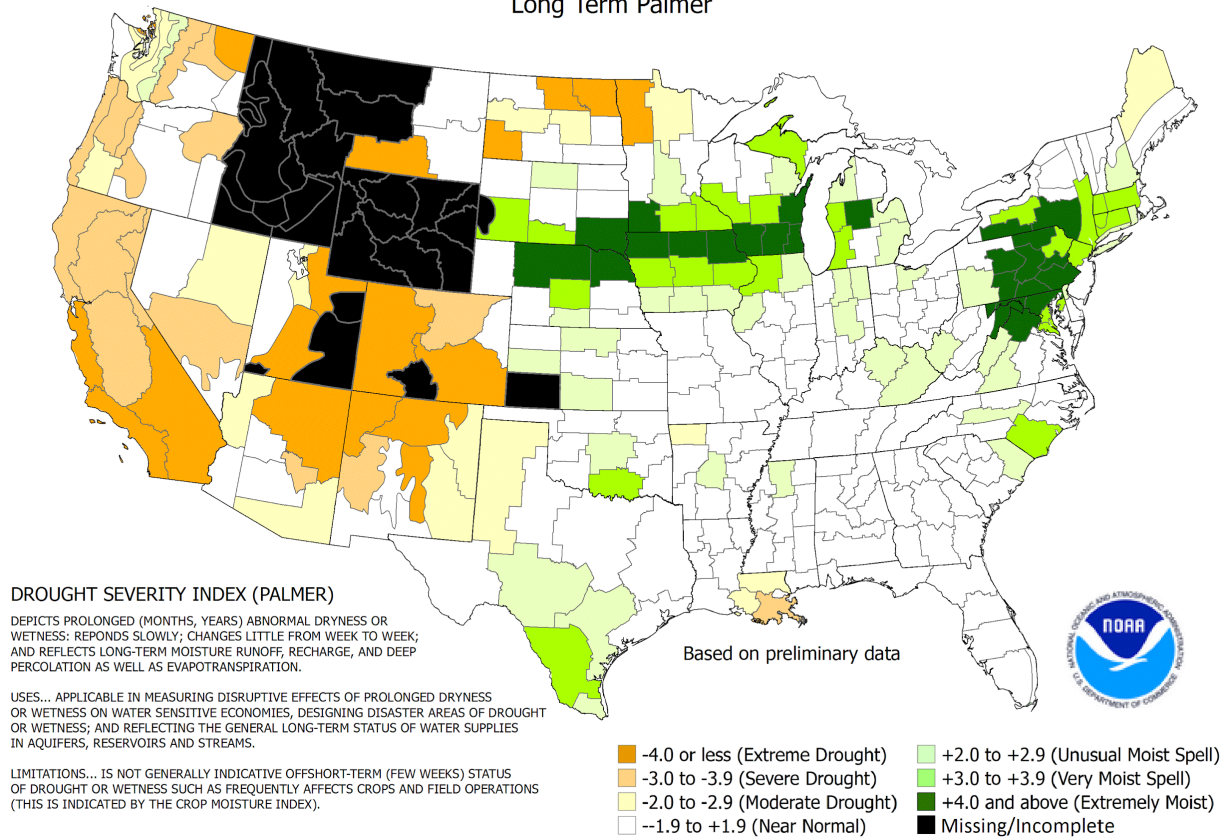


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NOAA Regional Climate Centers

Map 3. Twelve-month SPI ending September, 2018.

Drought Severity Index by Division
Weekly Value for Period Ending Oct 06, 2018
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated October 6, 2018.
RI Palmer is in the Unusually Moist range, +2.10



Map released: Thurs. October 11, 2018

Data valid: October 9, 2018 at 8 a.m. EDT

Intensity:

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)

Author(s):

Richard Tinker, NOAA/NWS/NCEP/CPC
Brad Pugh, NOAA/CPC

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

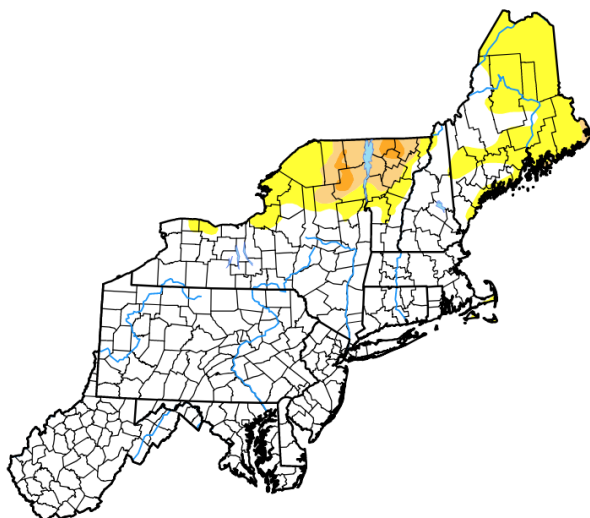
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Map 5. U.S. Drought Monitor zoom-in on Rhode Island, valid October 11, 2018.



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Map 6. US Drought Monitor for the Northeast U.S. valid October 11, 2018.