November 2025 Rhode Island Precipitation

National Weather Service Offices
Boston/Norton MA, Albany NY, Upton NY

Preliminary Precipitation Data (inches) by Drought Region

Precipitation Data through November 2025
Includes CoCoRaHS data
Includes StageIV Data

RI 1-Month Nov 2025

Drought Region	Rainfall	Departure	Percent	Normal
Central East	2.53	-1.73	59	4.26
Central West	2.58	-1.59	62	4.17
Eastern	2.67	-1.42	65	4.09
New Shoreham	3.56	-0.48	88	4.04
North East	2.52	-1.70	60	4.22
North West	2.72	-1.53	64	4.25
Southern	2.44	-1.76	58	4.20

RI 2-Month Oct 25-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	8.27	-0.74	92	9.01
Central West	9.46	0.49	105	8.97
Eastern	7.94	-0.71	92	8.65
New Shoreham	7.76	-0.89	90	8.65
North East	8.59	-0.64	93	9.23
North West	9.76	0.48	105	9.28
Southern	8.47	-0.49	95	8.96

RI 3-Month Sep 25-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	14.61	1.49	111	13.12
Central West	14.90	1.67	113	13.23
Eastern	11.24	-1.18	90	12.42
New Shoreham	9.35	-2.70	78	12.05
North East	13.43	0.10	101	13.33

North West	14.27	0.82	106	13.45
Southern	12.72	-0.22	98	12.94

RI 4-Month Aug 25-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	17.90	0.95	106	16.95
Central West	17.92	0.64	104	17.28
Eastern	14.21	-1.85	88	16.06
New Shoreham	10.62	-4.76	69	15.38
North East	16.40	-0.89	95	17.29
North West	17.30	-0.35	98	17.65
Southern	15.30	-1.55	91	16.85

RI 5-Month Jul 25-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	21.47	1.22	106	20.25
Central West	20.86	0.06	100	20.80
Eastern	16.92	-2.28	88	19.20
New Shoreham	11.57	-6.62	64	18.19
North East	20.41	-0.44	98	20.85
North West	21.52	0.18	101	21.34
Southern	17.68	-2.40	88	20.08

RI 6-Month Jun 25-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	23.09	-1.26	95	24.35
Central West	22.55	-2.39	90	24.94
Eastern	18.21	-4.74	79	22.95
New Shoreham	12.72	-8.90	59	21.62
North East	22.74	-2.38	91	25.12
North West	24.02	-1.68	93	25.70
Southern	18.82	-5.15	79	23.97

RI 7-Month May 25-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	31.52	3.71	113	27.81
Central West	30.70	2.21	108	28.49
Eastern	26.43	0.10	100	26.33

New Shoreham	19.03	-5.85	76	24.88
North East	31.21	2.54	109	28.67
North West	32.36	3.06	110	29.30
Southern	26.91	-0.58	98	27.49

RI 12-Month Dec 24-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	53.15	2.98	106	50.17
Central West	52.42	2.11	104	50.31
Eastern	45.96	-2.92	94	48.88
New Shoreham	33.12	-13.64	71	46.76
North East	53.25	2.45	105	50.80
North West	53.31	1.83	104	51.48
Southern	48.43	-1.48	97	49.91

RI 24-Month Dec 23-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	117.58	17.12	117	100.46
Central West	120.03	19.29	119	100.74
Eastern	100.71	2.82	103	97.89
New Shoreham	80.16	-13.48	86	93.64
North East	114.72	13.00	113	101.72
North West	115.98	12.90	113	103.08
Southern	109.37	9.42	109	99.95

RI 36-Month Dec 22-Nov25

Drought Region	Rainfall	Departure	Percent	Normal
Central East	178.45	27.82	118	150.63
Central West	181.45	30.40	120	151.05
Eastern	154.20	7.43	105	146.77
New Shoreham	126.32	-14.08	90	140.40
North East	177.37	24.85	116	152.52
North West	179.37	24.81	116	154.56
Southern	165.32	15.46	110	149.86

How This Report Was Generated

Monthly precipitation totals by Drought Region are derived through a blend of observational data and gridded analysis techniques. Precipitation observations from multiple regional networks—including the Community Collaborative Rain, Hail, and Snow Network

(CoCoRaHS), the National Weather Service Cooperative Observer Program (COOP), and Automated Surface Observing Systems (ASOS)—are first quality-controlled and then interpolated to two separate grids using distinct methodologies:

- Barnes Interpolation, a smoothing technique that accounts for the spatial distribution of observations
- Inverse Distance Weighting (IDW), which estimates values based on proximity to known observations

These two interpolated grids are then combined with NOAA's Stage IV precipitation analysis, a radar- and gauge-based dataset produced operationally by the National Weather Service. The three grids are averaged to produce a final observed precipitation field.

Using this gridded product, spatial averaging is performed over each Drought Region polygon to compute region-specific monthly totals through geographic information system (GIS) techniques.

Monthly precipitation normals (long-term averages) for each Drought Region are sourced directly from the NOAA Stage IV climatology dataset.

Note: COOP and ASOS stations are official National Weather Service observation networks. CoCoRaHS is a volunteer-driven network that provides high-resolution, local-scale precipitation reports.