

November 2025 Massachusetts Precipitation

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

Preliminary Precipitation Data (inches) by County

Precipitation Data through November 2025

Includes CoCoRaHS data

Includes StageIV Data

MA 1-Month Nov 2025

County	Rainfall	Departure	Percent	Normal
Barnstable	3.85	-0.35	92	4.20
Berkshire	2.96	-0.84	78	3.80
Bristol	2.69	-1.69	61	4.38
Dukes	3.31	-0.86	79	4.17
Essex	1.93	-1.98	49	3.91
Franklin	2.22	-1.61	58	3.83
Hampden	2.04	-1.74	54	3.78
Hampshire	2.22	-1.50	60	3.72
Middlesex	2.04	-1.79	53	3.83
Nantucket	2.78	-1.38	67	4.16
Norfolk	2.31	-1.81	56	4.12
Plymouth	2.63	-1.81	59	4.44
Suffolk	1.87	-2.13	47	4.00
Worcester	2.40	-1.37	64	3.77

MA 2-Month Oct 25-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	11.52	2.72	131	8.80
Berkshire	7.88	-0.92	90	8.80
Bristol	8.44	-0.83	91	9.27
Dukes	9.22	0.39	104	8.83
Essex	6.31	-2.44	72	8.75
Franklin	6.82	-2.08	77	8.90
Hampden	6.83	-1.92	78	8.75
Hampshire	6.97	-1.77	80	8.74
Middlesex	6.87	-1.76	80	8.63
Nantucket	7.27	-1.49	83	8.76
Norfolk	8.31	-0.75	92	9.06
Plymouth	10.50	1.09	112	9.41

Suffolk	7.91	-0.93	89	8.84
Worcester	7.33	-1.32	85	8.65

MA 3-Month Sep 25-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	14.75	1.97	115	12.78
Berkshire	11.70	-1.92	86	13.62
Bristol	13.34	0.06	100	13.28
Dukes	10.96	-1.72	86	12.68
Essex	9.16	-3.34	73	12.50
Franklin	10.65	-2.85	79	13.50
Hampden	10.65	-2.68	80	13.33
Hampshire	10.86	-2.54	81	13.40
Middlesex	9.98	-2.48	80	12.46
Nantucket	8.27	-4.39	65	12.66
Norfolk	12.19	-0.81	94	13.00
Plymouth	15.08	1.65	112	13.43
Suffolk	11.42	-1.18	91	12.60
Worcester	10.67	-2.07	84	12.74

MA 4-Month Aug 25-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	16.66	0.39	102	16.27
Berkshire	14.72	-3.54	81	18.26
Bristol	16.24	-0.84	95	17.08
Dukes	14.03	-2.23	86	16.26
Essex	12.17	-3.75	76	15.92
Franklin	13.13	-4.81	73	17.94
Hampden	14.56	-3.16	82	17.72
Hampshire	13.99	-3.82	79	17.81
Middlesex	12.99	-3.26	80	16.25
Nantucket	9.36	-6.50	59	15.86
Norfolk	14.92	-1.89	89	16.81
Plymouth	17.48	0.28	102	17.20
Suffolk	14.05	-2.16	87	16.21
Worcester	14.01	-2.92	83	16.93

MA 5-Month Jul 25-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	18.80	-0.26	99	19.06
Berkshire	17.92	-4.97	78	22.89
Bristol	19.44	-0.99	95	20.43
Dukes	16.53	-2.48	87	19.01

Essex	14.03	-5.47	72	19.50
Franklin	15.07	-7.20	68	22.27
Hampden	18.32	-3.64	83	21.96
Hampshire	17.71	-4.41	80	22.12
Middlesex	15.37	-4.60	77	19.97
Nantucket	10.20	-8.19	55	18.39
Norfolk	19.80	-0.55	97	20.35
Plymouth	21.04	0.51	102	20.53
Suffolk	17.60	-2.16	89	19.76
Worcester	16.95	-3.93	81	20.88

MA 6-Month Jun 25-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	20.38	-2.15	90	22.53
Berkshire	21.29	-6.47	77	27.76
Bristol	20.75	-3.70	85	24.45
Dukes	18.37	-4.00	82	22.37
Essex	15.81	-7.89	67	23.70
Franklin	19.23	-7.80	71	27.03
Hampden	21.49	-5.08	81	26.57
Hampshire	21.38	-5.40	80	26.78
Middlesex	17.46	-6.68	72	24.14
Nantucket	10.59	-10.76	50	21.35
Norfolk	21.76	-2.77	89	24.53
Plymouth	22.53	-1.87	92	24.40
Suffolk	19.36	-4.46	81	23.82
Worcester	19.44	-5.74	77	25.18

MA 7-Month May 25-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	25.34	-0.62	98	25.96
Berkshire	28.42	-3.44	89	31.86
Bristol	28.07	0.08	100	27.99
Dukes	24.68	-1.17	95	25.85
Essex	22.36	-5.03	82	27.39
Franklin	28.47	-2.54	92	31.01
Hampden	29.92	-0.52	98	30.44
Hampshire	30.61	-0.12	100	30.73
Middlesex	24.98	-2.77	90	27.75
Nantucket	13.58	-11.03	55	24.61
Norfolk	29.69	1.56	106	28.13
Plymouth	30.47	2.47	109	28.00
Suffolk	26.76	-0.63	98	27.39
Worcester	28.10	-0.70	98	28.80

MA 12-Month Dec 24-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	44.28	-3.46	93	47.74
Berkshire	45.14	-5.66	89	50.80
Bristol	47.93	-2.81	94	50.74
Dukes	43.58	-4.25	91	47.83
Essex	40.62	-7.38	85	48.00
Franklin	45.60	-4.63	91	50.23
Hampden	46.49	-3.30	93	49.79
Hampshire	47.38	-2.38	95	49.76
Middlesex	42.99	-4.84	90	47.83
Nantucket	26.10	-20.27	56	46.37
Norfolk	50.37	0.77	102	49.60
Plymouth	50.49	-0.51	99	51.00
Suffolk	46.53	-2.04	96	48.57
Worcester	46.78	-1.62	97	48.40

MA 24-Month Dec 23-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	92.00	-3.60	96	95.60
Berkshire	92.87	-8.84	91	101.71
Bristol	102.84	1.23	101	101.61
Dukes	92.83	-2.95	97	95.78
Essex	87.19	-8.93	91	96.12
Franklin	96.55	-4.02	96	100.57
Hampden	96.91	-2.78	97	99.69
Hampshire	98.25	-1.38	99	99.63
Middlesex	92.63	-3.15	97	95.78
Nantucket	61.01	-31.85	66	92.86
Norfolk	105.26	5.94	106	99.32
Plymouth	105.19	3.06	103	102.13
Suffolk	96.62	-0.64	99	97.26
Worcester	98.59	1.68	102	96.91

MA 36-Month Dec 22-Nov25

County	Rainfall	Departure	Percent	Normal
Barnstable	141.63	-1.71	99	143.34
Berkshire	151.05	-1.46	99	152.51
Bristol	159.17	6.82	104	152.35
Dukes	137.36	-6.25	96	143.61
Essex	146.17	2.05	101	144.12
Franklin	157.76	6.96	105	150.80
Hampden	156.52	7.04	105	149.48
Hampshire	159.20	9.81	107	149.39

Middlesex	154.88	11.27	108	143.61
Nantucket	93.31	-45.92	67	139.23
Norfolk	163.62	14.70	110	148.92
Plymouth	160.52	7.39	105	153.13
Suffolk	152.99	7.16	105	145.83
Worcester	160.36	15.05	110	145.31

How This Report Was Generated

Monthly precipitation totals by County 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 County polygon to compute region-specific monthly totals through geographic information system (GIS) techniques.

Monthly precipitation normals (long-term averages) for each County 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.