

2009 WEATHER SUMMARY

January

Below normal temperatures in January chilled the state. The temperature average of 15.2 degrees was 5.4 degrees below normal. The coldest temperature was -31 degrees, recorded at Newcomb on the 16th. Precipitation totals were below normal. The state average of 2.52 inches was 84% of the normal. Many areas saw snow totals that were 10 to 20 inches above normal.

February

The below normal temperatures experienced in January continued during the first week of February, however, temperatures moderated during the rest of the month, yielding an average that was 1 degree warmer than last year and 2.1 degrees above the 30-year norm. With only 1.68 inches of precipitation, February 2009 was the driest February since 2004 and the 16th driest February since 1895. On average the state received 70% of the normal precipitation amount.

March

Temperatures averaged 33.1 degrees in March. This was 1.1 degree above normal. It was the third month in a row with below normal precipitation. The 2.79 inches that fell this month was 89% of normal.

April

April was the third consecutive month with above normal temperatures. The state average of 46.3 degrees was 2.8 degrees above normal. An early season heat wave during the last week of the month was a major contributor to the above normal monthly average. Several records were set during the event. Precipitation totals averaged below normal for the fourth month in a row. New York's April total averaged 2.52 inches, or 74% of the normal.

May

May was the fourth consecutive month with above normal temperatures. The state average of 55.7 degrees was only 0.4 degrees above normal. Precipitation totals averaged above normal. Total averaged 4.58 inches, or 124% of normal.

June

The first month of climatological summer was not very summer-like, the state average temperature was 62.9 degrees, which was 1.0 degree below normal. New York received 128% of the normal June rainfall. The total was 5.12 inches. Departures ranged from 68% of normal in the St. Lawrence Valley to 213% of normal in the Coastal division. It was the 3rd wettest June since 1895 in the Coastal division. The wet conditions were a result of lots of rainy days rather than few extraordinary events.

July

New York saw its 4th coolest July since recordkeeping began in 1895. The state average of 65.8 degrees was 2.9 degrees below normal. July was the third consecutive month with above normal rainfall. The total of 5.57 inches made month the 10th wettest in 115 years. Departures ranged from 101% of normal in the Mohawk Valley to 190% in the Hudson Valley. Albany set a new record for the month, 9.91 inches.

August

After two cooler than normal months, temperatures in August averaged 1.8 degrees above normal. New York's average was 68.5 degrees. With 131% of the normal rainfall, August averaged above normal rainfall for the 4th consecutive month. The total was 5.06 inches. It was the 9th wettest August in 115 years. Departures ranged from 66% of normal in the Coastal Division to 189% of normal in the Western Plateau.

September

Average temperature during September was 59.1 degrees. This was 0.2 degrees above normal. The state rainfall total of 2.54 inches was 61% of the normal September rainfall amount. It was the 24th driest in 115 years.

October

After two warmer-than-normal months, below normal temperatures returned in October. The state average of 46.4 degrees was 1.3 degrees below normal. After a dry September, wet conditions returned to New York in October. The state's precipitation total of 4.36 inches was 125% of normal.

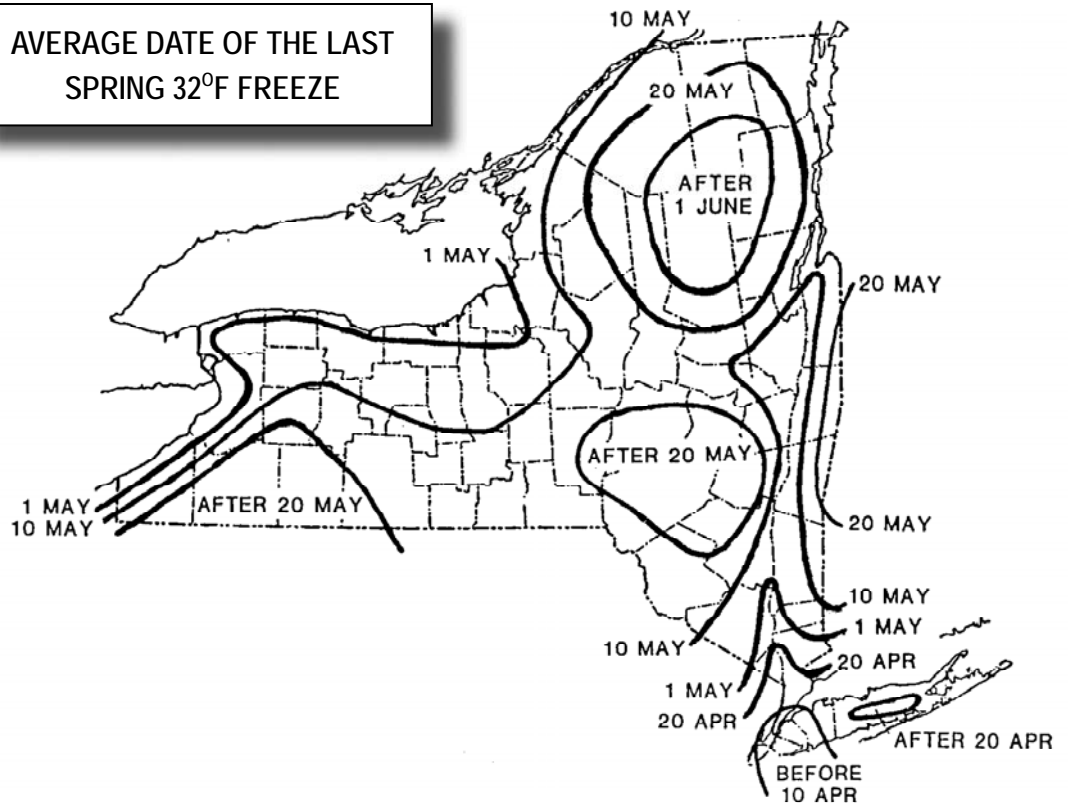
November

November's temperatures averaged well above normal, making this month the 8th warmest since 1895. The state average of 42.2 degrees was 4.6 degrees above normal. New York's precipitation total of 2.06 inches was only 55% of normal. It was the driest November since 1988.

December

New York's average temperature during December was 25.4 degrees, which was 1.1 degree below normal. Precipitation totals averaged above normal. The state total of 3.65 inches was 113 percent of the normal. A major snowstorm hit the Northeast on Saturday and Sunday, Dec 19th and 20th bringing up to 27 inches of snow to eastern Long Island and around a foot to the New York metro region.

AVERAGE DATE OF THE LAST
SPRING 32°F FREEZE



AVERAGE DATE OF THE FIRST
AUTUMN 32°F FREEZE

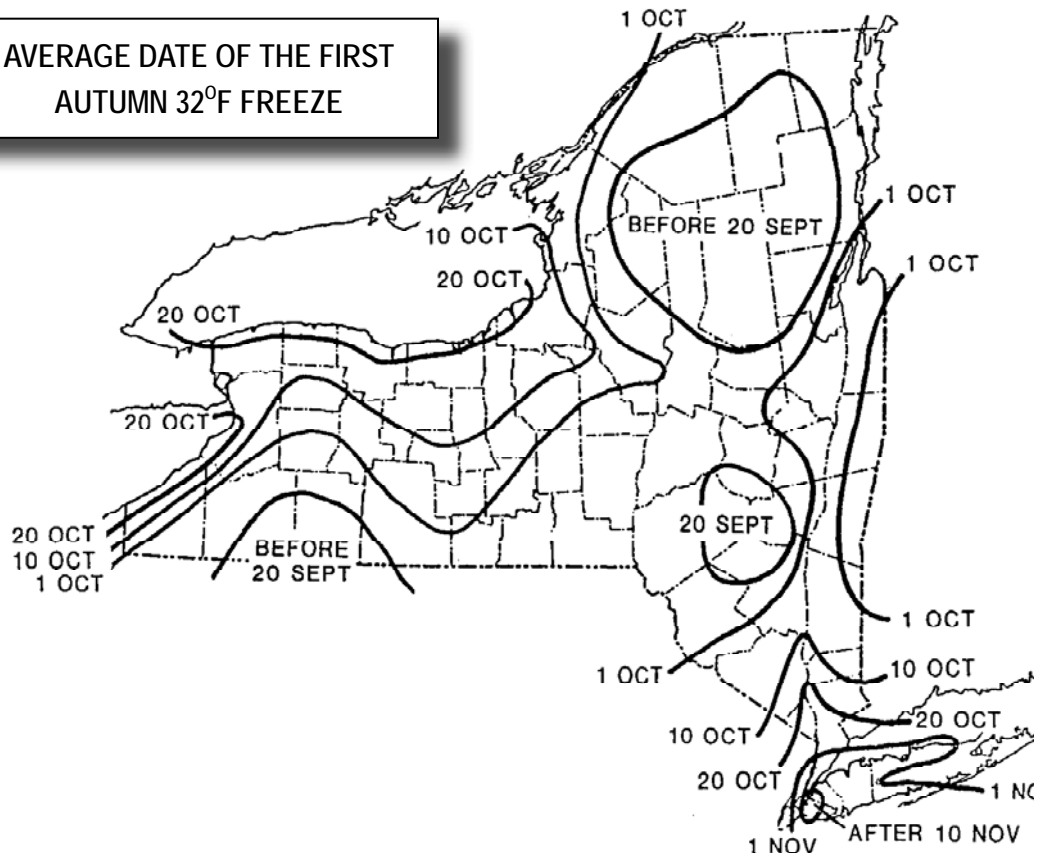


Table 87. **TEMPERATURE:** Normals by Months at New York Selected Stations

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	<i>Degrees F.</i>												
Albany	20.7	23.5	34.2	46.4	57.6	66.7	71.8	69.4	61.2	50.2	39.6	26.6	47.3
Batavia	23.5	24.6	34.5	46.0	57.4	66.4	70.7	68.5	62.1	51.4	40.6	28.8	47.8
Binghamton	21.2	22.8	32.5	44.2	55.8	64.0	69.1	67.1	59.5	48.7	38.3	26.6	45.9
Bridgehampton	30.0	31.1	38.1	46.6	56.1	65.5	71.4	70.9	64.0	54.0	45.0	35.1	50.5
Buffalo	23.7	24.6	33.8	45.1	56.5	65.8	71.1	68.9	61.9	51.1	40.5	29.1	47.7
Canton	14.9	16.5	28.8	42.1	54.1	63.1	68.2	65.8	58.1	46.8	36.0	21.0	43.0
Chazy	16.2	18.1	29.7	43.0	55.4	64.4	69.1	66.6	58.3	47.5	36.1	22.3	43.9
Cooperstown	20.5	22.3	32.2	43.3	54.9	63.1	67.6	66.2	58.8	48.4	37.9	25.9	45.0
Dansville	23.9	25.0	34.3	45.3	56.5	65.5	70.2	68.4	61.3	50.7	40.8	29.7	47.7
Elmira	22.8	24.1	34.0	45.0	55.8	64.6	69.6	67.6	60.3	48.9	39.6	28.4	46.8
Fredonia	25.0	25.7	35.2	46.0	57.2	66.4	70.9	69.1	63.1	52.9	42.3	30.9	48.7
Geneva	22.5	23.4	33.1	44.8	55.9	65.1	70.3	68.5	61.2	50.2	39.9	28.0	46.9
Glens Falls	18.9	21.7	32.5	45.0	56.8	65.1	70.0	67.6	59.7	48.7	37.4	24.3	45.7
Gloversville	18.1	19.9	30.9	43.9	55.6	64.4	69.1	66.9	58.6	47.8	36.5	24.3	44.6
Ithaca	21.6	22.6	32.9	43.9	54.9	63.9	68.5	66.7	59.7	48.9	39.2	27.7	45.9
Liberty	20.5	22.6	32.2	43.7	54.5	62.8	67.6	65.8	58.3	47.7	37.6	25.7	45.0
Little Valley	20.8	21.6	31.3	42.4	53.1	62.1	66.6	64.9	58.3	47.8	37.8	26.8	44.4
Lowville	15.6	17.4	28.9	41.9	53.8	62.8	67.5	65.3	57.2	46.6	35.2	22.3	42.8
Massena	14.4	16.5	28.4	47.6	55.0	63.9	69.1	66.4	57.9	46.9	35.2	20.3	43.0
New York City	31.5	33.1	41.4	51.4	61.7	71.1	76.3	75.4	68.2	57.4	47.3	36.5	54.1
Riverhead	30.6	31.6	39.6	48.6	59.2	68.4	73.4	72.5	65.8	55.6	45.9	35.6	52.2
Rochester	23.7	24.6	34.2	45.9	57.0	64.9	70.2	68.0	61.7	51.1	40.5	29.1	47.5
Syracuse	22.5	24.1	33.8	45.7	57.0	65.3	70.3	68.4	61.3	50.5	40.5	28.4	47.3
Utica	20.1	21.9	32.2	44.6	56.3	64.8	70.2	68.2	60.3	49.1	38.5	25.9	45.9
Watertown	18.1	19.4	31.1	43.7	55.8	64.8	70.3	68.4	60.3	48.7	38.1	24.4	45.1

Table 88. **PRECIPITATION:** Normals by Months at New York Selected Stations

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	<i>Inches</i>												
Albany	2.4	2.3	2.9	3.0	3.4	3.6	3.2	3.5	2.9	2.8	3.2	2.9	36.2
Batavia	1.6	1.8	2.0	3.1	3.3	3.8	3.0	3.8	3.6	3.0	3.0	2.5	34.5
Binghamton	2.4	2.3	2.8	3.1	3.4	3.6	3.5	3.4	3.3	2.9	3.3	3.0	37.0
Bridgehampton	4.2	3.8	4.1	4.0	3.8	3.6	3.0	3.4	3.5	3.4	4.5	4.3	45.7
Buffalo	2.7	2.3	2.7	2.9	3.1	3.5	3.1	4.2	3.5	3.1	3.8	3.7	38.6
Canton	1.9	1.9	2.1	2.8	3.0	3.3	3.4	4.2	3.8	3.2	3.4	2.8	35.8
Chazy	1.5	1.6	1.8	2.6	3.0	3.0	3.4	4.1	3.1	2.9	2.8	2.4	32.1
Cooperstown	2.4	2.2	3.0	3.3	3.6	4.2	3.5	3.5	3.7	3.0	3.4	3.1	39.0
Dansville	1.4	1.5	1.8	2.8	2.9	3.8	3.0	3.2	3.4	2.6	2.7	2.1	31.2
Elmira	1.8	2.0	2.3	2.7	3.2	3.8	3.4	3.0	3.1	2.8	2.9	2.3	33.3
Fredonia	2.3	2.1	2.6	3.2	3.1	3.7	3.6	4.0	4.6	3.9	4.2	3.4	40.7
Geneva	1.8	1.8	2.1	2.9	3.0	3.7	2.9	3.1	3.2	2.9	3.1	2.5	32.9
Glens Falls	2.7	2.6	3.4	3.7	4.4	3.9	3.7	4.3	3.8	3.4	4.0	3.5	43.4
Gloversville	2.8	2.6	3.3	3.5	4.0	4.0	3.7	3.9	3.8	3.3	3.8	3.5	42.4
Ithaca	1.8	2.0	2.3	2.9	3.3	3.8	3.4	3.4	3.5	3.2	3.1	2.6	35.4
Liberty	3.4	3.3	3.5	4.4	4.6	4.6	4.3	4.4	3.9	3.7	4.3	4.0	48.3
Little Valley	3.4	3.1	3.5	3.8	3.9	4.5	4.0	4.5	4.7	4.1	4.8	4.7	49.1
Lowville	3.0	2.5	2.8	3.1	3.0	3.5	3.3	3.8	3.8	3.4	4.1	3.7	40.1
Massena	2.1	2.0	2.1	2.6	2.5	3.1	3.2	3.7	3.5	2.8	3.1	3.2	34.1
New York City	3.0	2.9	3.6	3.8	3.8	3.6	4.1	3.7	3.4	3.0	3.8	3.4	42.1
Riverhead	4.0	3.6	3.9	4.1	3.8	3.7	3.3	3.8	3.2	3.5	4.3	4.1	45.3
Rochester	2.1	2.1	2.3	2.6	2.7	3.0	2.7	3.4	3.0	2.4	2.9	2.7	32.0
Syracuse	2.3	2.1	2.8	3.3	3.3	3.8	3.8	3.5	3.8	3.2	3.7	3.2	38.9
Utica	3.5	3.0	3.4	3.6	3.7	4.1	3.8	3.8	4.3	3.4	4.3	4.2	45.1
Watertown	3.3	2.4	2.6	2.9	3.2	3.4	2.8	4.1	4.2	3.7	4.4	4.0	40.9

Table 89. **TEMPERATURE:** Monthly Average Temperatures at New York Selected Stations, 2009

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degree F</i>											
Albany	27.6	26.3	33.8	51.9	55.5	70.4	73.5	68.5	64.3	48.2	39.5	28.5
Batavia	29.4	25.8	32.2	53.2	55.3	69.7	72.2	68.1	63.7	49.2	39.5	29.1
Binghamton		24.2	31.6	49.7	52.7	67.4	69.8	65.1	61.4	47.6	36.6	27.2
Bridgehampton	33.9	34.9	39.9	49.3	55.6	69.8	74.7	69.3	65.9	53.0	44.2	38.3
Buffalo	29.7	25.1	31.6	50.9	53.4	67.9	71.4	68.5	64.2	49.7	39.9	29.4
Canton	23.3	19.2	25.8	48.4	52.2	66.9	69.0	65.1	59.4	45.8	36.0	23.8
Chazy	24.6	22.2	28.4	49.3	54.5	68.7	72.2	68.8	62.4	48.2	38.6	24.3
Cooperstown	25.6	23.7	29.2	47.3	50.3	66.9	69.7	64.9	60.3	46.8	37.2	28.5
Dansville	29.1	26.2	30.8	51.2	53.2	69.2	70.8	66.2	62.5	48.5	38.6	30.1
Elmira	28.5	24.8	30.5	49.6	52.9	68.1	69.4	65.2	61.5	46.3	36.7	27.8
Fredonia	31.2	26.7	32.8	52.3	54.4	69.4	72.0	68.9	65.0	51.0	41.9	30.6
Geneva	28.6	25.1	29.7	50.4	53.1	69.1	69.5	66.7	61.3	48.2	38.3	1/
Glens Falls	22.2	21.9	29.2	48.1	52.2	66.9	1/	1/	60.6	45.1	36.9	24.2
Ithaca	27.9	1/	29.6	49.6	51.4	1/	69.3	64.9	60.9	46.5	37.2	28.5
Liberty	24.5	23.7	30.0	46.8	49.5	64.9	69.4	63.3	60.2	45.9	35.0	25.9
Little Valley	26.2	22.0	27.7	47.1	48.6	65.1	68.2	63.0	59.6	45.7	34.8	1/
Lowville	23.4	18.6	24.1	47.8	49.7	65.9	67.3	63.9	58.0	1/	34.0	22.0
New York City	36.5	35.8	42.7	55.0	60.1	74.0	78.4	73.8	68.9	55.2	45.9	38.1
Riverhead	35.6	35.3	41.0	52.6	58.1	71.8	75.7	71.2	67.9	55.2	45.0	38.9
Rochester	30.5	26.4	31.5	52.3	54.8	69.8	72.0	67.6	63.1	49.7	39.3	30.6
Syracuse	29.5	25.8	31.6	51.6	53.7	69.8	71.3	67.0	62.7	48.3	38.2	28.9
Watertown	27.0	17.6	27.0	48.2	51.6	66.4	68.2	65.3	60.1	46.5	37.5	24.8

Table 90. **PRECIPITATION:** Monthly Average Precipitation at New York Selected Stations, 2009

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	1.00	5.04	6.21	2.63	1.24	5.45	6.94	3.01	4.21	5.09	2.43	4.54
Batavia	4.00	7.63	5.69	1.95	1.98	3.58	4.30	4.00	2.80	3.75	1.73	4.20
Binghamton	1.68	4.57	6.32	2.02	2.57	3.06	4.46	3.67	2.50	2.97	2.12	3.63
Bridgehampton	1.24	5.21	4.37	2.83	2.77	2.76	4.07	5.40	10.03	2.31	3.20	8.46
Buffalo	2.41	4.83	4.22	2.05	2.54	4.91	2.80	5.33	3.96	4.13	3.34	6.79
Canton	1.81	3.15	2.61	2.75	2.62	5.66	4.28	2.69	2.32	5.48	1.95	3.23
Chazy	0.10	1/	1/	2.13	1.67	5.86	4.79	3.61	2.16	4.85	1/	1/
Cooperstown	1.91	4.52	6.57	3.05	2.09	4.34	7.31	2.55	1.96	3.68	2.30	5.99
Dansville	0.59	3.15	2.80	0.89	1.28	2.89	6.01	5.17	2.76	2.56	1.27	2.75
Elmira	0.88	3.82	5.57	3.47	2.29	4.69	5.23	5.89	2.87	3.16	2.66	3.20
Fredonia	1.84	4.26	3.43	1.99	4.23	3.97	3.37	5.56	2.75	6.85	3.33	5.39
Geneva	0.77	3.49	3.83	2.66	1.36	3.45	1/	4.16	2.24	5.38	1.71	1/
Glens Falls	2.68	6.32	6.23	3.01	1.37	3.26	6.43	4.86	2.40	4.73	2.82	4.70
Ithaca	0.84	1/	5.38	2.58	1.35	1/	5.48	2.74	2.36	3.31	2.42	2.87
Liberty	2.32	8.45	7.49	4.23	3.12	4.97	9.02	2.49	2.62	6.81	2.59	7.26
Little Valley	1.13	2.36	2.36	2.92	2.20	5.09	4.49	2.05	6.30	4.36	1.24	5.39
Lowville	3.21	5.62	4.59	3.17	2.02	5.01	3.35	6.65	2.85	6.81	3.47	7.08
New York City	2.85	5.95	4.08	2.77	4.01	4.70	2.84	5.58	7.05	3.62	3.54	6.62
Riverhead	2.89	5.38	5.33	3.63	2.48	3.88	3.67	3.76	8.34	3.18	3.07	7.50
Rochester	1.60	4.27	3.75	1.94	1.41	2.59	3.91	2.97	1.66	3.38	2.11	3.61
Syracuse	1.36	4.71	5.00	2.99	1.78	3.75	4.28	3.62	2.47	4.87	3.19	3.89
Watertown	1.97	3.13	2.60	3.55	2.74	3.00	4.39	4.68	2.99	6.58	5.43	4.75

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept of Commerce.

Table 91. **GROWING DEGREE DAYS:** New York Selected Stations, April-October, 2009 ^{1/}

Station	Apr.	May	June	July	Aug.	Sept.	Oct.	Season Total
Albany	101	258	486	575	659	321	72	2,476
Batavia	81	268	529	2/	639	654	57	2/
Binghamton	103	219	398	489	578	276	45	2,114
Bridgehamton	82	248	442	641	750	424	131	2,719
Buffalo	73	248	440	534	631	377	54	2,357
Dansville								
Deli	81	162	363	444	538	220	65	2,255
Elmira	88	228	392	487	600	2/	42	2/
Fredonia	109	287	438	543	2/	418	97	2/
Ithaca	89	208	367	478	581	276	44	2,046
Liberty	81	162	363	429	560	224	2/	2/
Little Valley								
Lowville	55	148	336	462	521	198	15	1,735
New York City	162	408	555	766	868	546	239	3,559
Riverhead	117	315	483	686	802	486	172	3,073
Rochester	71	237	413	511	605	333	57	2,229
Syracuse	93	249	448	2/	659	351	71	2,440
Watertown	44	166	365	519	574	252	46	1,966

^{1/} One growing degree day is accumulated for each whole degree that the daily mean temperature is above 50 degrees Fahrenheit.

^{2/} Data not available.