

2007 WEATHER SUMMARY

January

January was the third in a row with above normal temperatures. The state was well on its way to another record-breaking month when the weather pattern changed, bringing more typical winter temperatures for the last half of the month. The cooler temperatures were not enough to offset the warmth, resulting in a statewide departure of 5.1 degrees above normal. Precipitation totals averaged above normal. The statewide total of 3.96 inches was 143% of normal.

February

The pattern of below normal temperatures that began mid-January continued through February. The state average of 16.4 degrees was 8.7 degrees colder than February 2006 and the coldest February since 1993. It was the 15th coldest February in New York since 1895. The state averaged 2.55 inches of precipitation, which was 106% of normal and the wettest February since 2000.

March

March averaged 1.1 degrees cooler than the 1971-2000 normal in the Empire State. Tupper Lake was the cold spot with -33 degrees on the 7th. The state averaged 3.61 inches of precipitation, which was 115% of normal. This was the wettest March since 2001.

April

The April average temperature of 41.6 degrees was 1.9 degrees below normal. This was 4.6 degrees cooler than last year and the coolest April since 2003. The state averaged 5.04 inches of precipitation or 147% of normal. The weather system that drenched southern New York mid-month brought up to a foot of heavy, wet snow to many upstate locations.

May

Average temperature in May was 56.7 degrees. This was 1.4 degrees above the long-term average and 0.3 degrees warmer than last year. May was a dry month, with a statewide rainfall average that was 50% of normal. The total precipitation of 1.83 inches was 1.68 inches less than May 2006 but 0.19 inches greater than May 2005. Overall, New York's precipitation total made this month the 11th driest May since 1895.

June

Average temperature for June was 66.4 degrees. This was 2.5 degrees above the 1971-2000 average and 1.8 degrees warmer than June 2006. The average total rainfall was 3.03 inches or 76% of the normal precipitation amount. It was the driest June since 2004.

July

The average temperature for the month of July was 66.4 degrees. This was 2.5 degrees above the 1971-2000 average. The highest temperature recorded was 97 degrees on the 27th at Willsboro. The lowest was 28 degrees on the 7th at Claryville. The average total rainfall was 3.03 inches or 76% of the normal June precipitation amount. It was the driest June since 2004. Totals ranged from 55% of normal in the Great Lakes climate division to 128% of normal in the Coastal climate division.

August

August's average temperature of 68.4 degrees was 0.9 degrees warmer than 2006, 1.6 degrees above normal. An average of 2.76 inches of precipitation was received. This was 1.64 inches less than the state received in 2006, and the driest August since 2002.

September

September's average temperature of 62.8 degrees was 3.9 degrees above normal. An average of 3.38 inches of precipitation fell. This was the driest September since 1998. Below normal precipitation throughout the summer caused moderate to severe drought conditions in parts of upstate New York. Rainfall in the Northern Plateau climate division for August and September was 50% of normal, making the 2-month period the 2nd driest on record. There were reports of record low reservoir levels, dried up wells and farm ponds.

October

October was the 2nd warmest October in New York since 1895. The average temperature of 55.6 was only 0.2 degrees shy of the warmest October. October's average of 5.13 inches of precipitation was 147% of normal. This was 1.06 inches less than last year and the driest September since 2004.

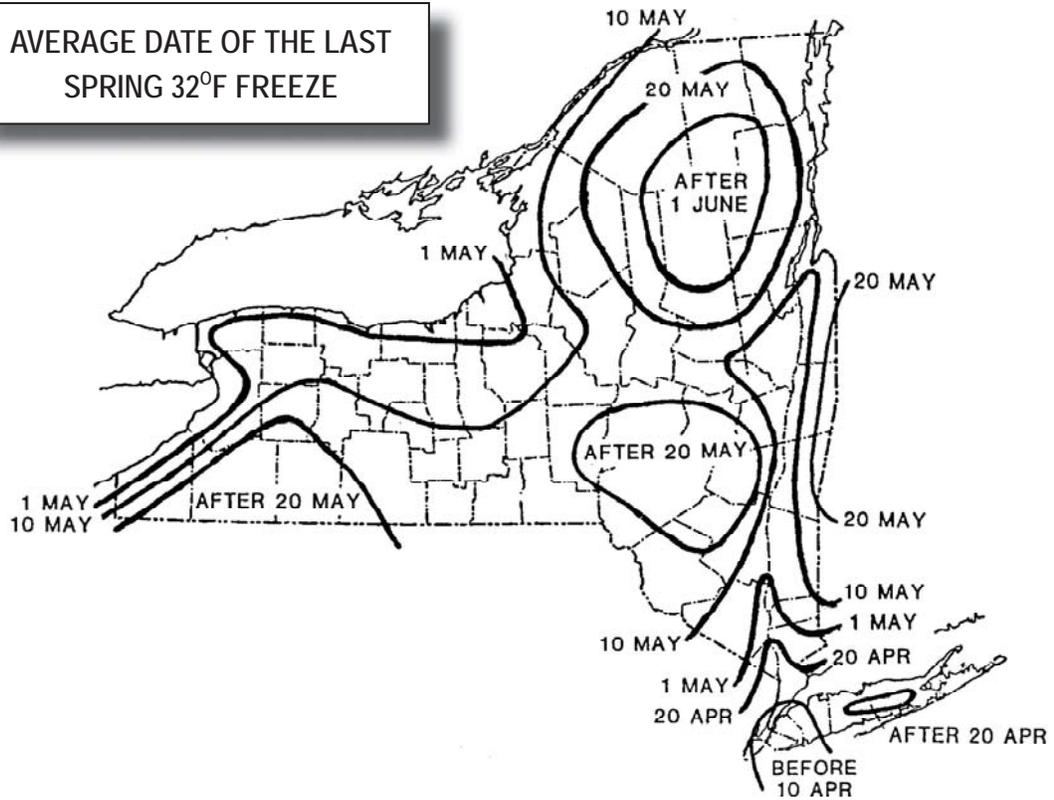
November

Temperatures in November were just below normal. The state average of 46.4 degrees was 1.1 degrees below normal. It was 6.4 degrees colder than last year and the coldest November since 1997. Precipitation totals averaged 4.21 inches or 113% of normal.

December

Below normal temperatures at the beginning of December were offset by a warm-up during the last week of 2007 to yield an average that was very close to normal. December's average temperature was 26.3 degrees; normal is 26.5 degrees. Precipitation totals averaged 149% of normal. The statewide total of 4.81 inches was 1.50 inches greater than December 2006. It was the wettest December since 1990 and the 8th wettest since 1895.

AVERAGE DATE OF THE LAST
SPRING 32°F FREEZE



AVERAGE DATE OF THE FIRST
AUTUMN 32°F FREEZE

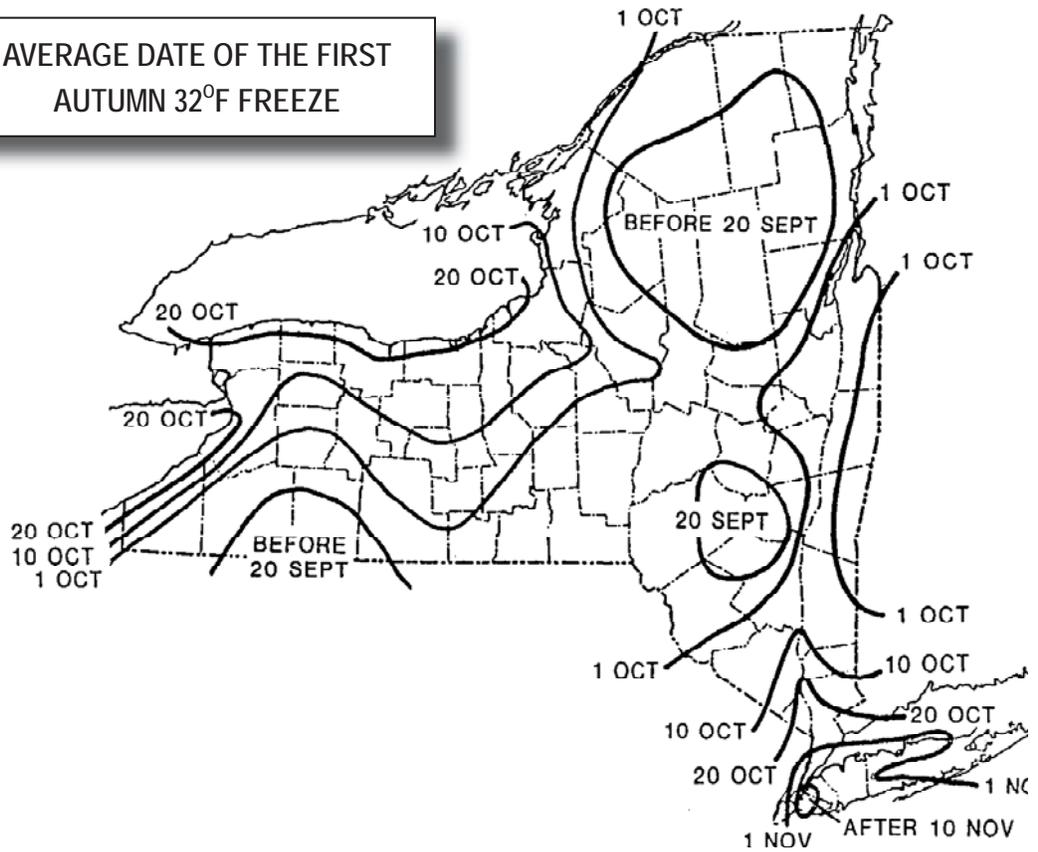


Table 89. **TEMPERATURE:** Normals by Months at New York Selected Stations

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 90. **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 91. **TEMPERATURE:** Monthly Average Temperatures at New York Selected Stations, 2007

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	27.4	19.5	31.8	44.3	60.3	68.8	70.6	70.8	64.3	64.3	56.8	27.8
Batavia	28.7	18.7	34.9	43.8	60.2	70.4	69.8	72.2	66.5	66.5	59.7	28.8
Binghamton	27.0	18.3	32.7	42.4	58.5	66.9	67.6	69.1	63.8	63.8	56.8	27.3
Bridgehamton	37.4	<u>1/</u>	39.1	46.1	<u>1/</u>	<u>1/</u>	72.0	72.2	66.1	66.1	61.2	35.5
Buffalo	28.9	19.0	35.0	42.5	59.2	69.4	69.6	72.4	66.1	66.1	58.8	29.4
Canton	17.1	12.9	27.2	41.9	54.5	66.4	66.9	67.8	61.9	61.9	53.0	21.3
Chazy	18.0	10.6	26.6	43.1	56.5	67.8	<u>1/</u>	68.7	62.9	62.9	52.7	24.1
Coopertown	26.7	16.4	27.5	40.0	57.3	65.2	67.2	68.6	61.6	61.6	54.9	26.3
Dansville	29.3	17.6	<u>1/</u>	<u>1/</u>	<u>1/</u>	68.4	68.0	71.1	64.4	64.4	57.6	29.7
Elmira	28.9	17.6	32.0	41.7	57.0	66.7	67.7	70.0	62.5	62.5	55.5	28.5
Fredonia	31.1	20.3	38.0	45.0	59.5	70.2	69.9	71.7	67.1	67.1	61.2	32.4
Geneva	27.8	17.2	<u>1/</u>	42.0	<u>1/</u>	<u>1/</u>	<u>1/</u>	70.5	<u>1/</u>	<u>1/</u>	56.8	28.4
Glens Falls	23.8	16.5	27.4	42.2	56.3	65.2	67.1	67.1	60.2	60.2	52.4	24.9
Gloversville	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Ithaca	28.2	16.4	30.0	<u>1/</u>	55.8	66.2	66.9	68.4	62.9	62.9	56.2	28.3
Liberty	26.3	16.3	<u>1/</u>	40.2	56.0	63.4	65.9	66.2	61.0	61.0	54.6	25.6
Little Valley	26.5	14.6	30.9	39.9	54.5	63.1	63.8	66.3	60.3	60.3	55.2	27.9
Lowville	19.4	12.0	25.6	39.7	54.1	65.5	65.4	67.0	60.4	60.4	52.7	22.9
Massena	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
New York City	37.5	28.3	42.2	50.3	65.3	70.5	74.6	74.0	70.3	70.3	63.6	37.0
Riverhead	36.8	<u>1/</u>	40.0	48.0	<u>1/</u>	<u>1/</u>	73.7	73.8	68.3	68.3	63.0	36.1
Rochester	30.0	20.3	35.3	44.6	59.6	69.6	69.7	71.7	64.7	64.7	57.7	29.3
Syracuse	27.3	18.5	31.6	43.8	58.6	68.4	69.8	70.9	65.4	65.4	58.0	27.9
Utica	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Watertown	22.5	13.7	30.0	42.5	54.0	65.3	67.2	68.1	62.3	62.3	55.8	25.2

Table 92. **PRECIPITATION:** Monthly Precipitation at New York Selected Stations, 2007

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	2.14	1.54	3.29	5.96	3.51	3.36	7.03	2.34	2.74	2.74	5.53	4.74
Batavia	4.77	3.12	4.02	4.27	1.57	2.84	1.44	2.58	3.65	3.65	3.05	3.19
Binghamton	3.05	1.60	3.27	3.01	2.93	3.26	5.37	2.45	3.27	3.27	4.33	3.86
Bridgehamton	2.50	<u>1/</u>	5.54	7.40	<u>1/</u>	<u>1/</u>	5.44	2.25	1.46	1.46	2.61	4.24
Buffalo	4.77	1.71	2.61	2.96	0.87	1.82	3.31	1.13	3.55	3.55	2.73	4.28
Canton	2.55	0.34	2.52	3.38	2.26	1.76	7.20	1.07	4.34	4.34	6.88	4.15
Chazy	<u>1/</u>	<u>1/</u>	0.45	2.35	2.42	3.80	<u>1/</u>	2.52	4.57	4.57	4.58	<u>1/</u>
Coopertown	4.81	4.94	4.82	5.92	5.74	2.27	4.60	3.70	2.94	2.94	6.05	4.29
Dansville	3.48	1.45	<u>1/</u>	<u>1/</u>	<u>1/</u>	1.55	3.87	1.99	2.51	2.51	2.19	2.79
Elmira	1.98	2.07	1.11	2.94	1.01	4.52	3.91	2.48	6.08	6.08	2.60	3.97
Fredonia	5.55	1.72	1.83	1.73	1.58	2.49	2.03	2.15	3.55	3.55	3.38	3.67
Geneva	2.91	1.53	<u>1/</u>	3.28	<u>1/</u>	<u>1/</u>	<u>1/</u>	1.50	<u>1/</u>	<u>1/</u>	3.14	3.61
Glens Falls	3.64	0.45	3.25	4.85	2.15	2.82	3.82	2.10	2.79	2.79	4.41	3.72
Gloversville	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Ithaca	2.37	2.01	3.51	<u>1/</u>	0.93	2.88	4.78	2.86	4.24	4.24	3.38	3.63
Liberty	4.84	2.83	<u>1/</u>	8.24	1.31	2.37	6.03	4.12	2.20	2.78	7.13	6.48
Little Valley	5.47	2.40	2.02	3.37	1.65	2.17	4.23	3.37	2.78	2.20	4.72	2.92
Lowville	4.71	2.44	3.27	3.51	1.80	1.10	4.43	0.73	2.48	2.48	6.98	5.32
Massena	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
New York City	3.63	1.99	5.35	13.04	1.88	6.55	5.29	7.18	1.81	1.81	4.65	5.22
Riverhead	3.75	<u>1/</u>	6.11	7.16	<u>1/</u>	<u>1/</u>	3.63	2.60	1.51	1.51	1.84	4.69
Rochester	4.25	2.09	2.98	3.64	0.24	2.30	2.31	0.81	2.50	2.50	3.05	4.28
Syracuse	4.20	2.49	4.16	4.42	0.86	3.67	3.61	1.76	3.20	3.20	4.02	5.04
Utica	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Watertown	3.19	1.95	3.41	1.81	1.44	1.35	3.58	1.03	1.53	1.53	4.23	3.47

1/ Data not available.

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

Table 93. **GROWING DEGREE DAYS:** New York Selected Stations, April-October, 2007 ^{1/}

Station	Apr.	May	June	July	Aug.	Sept.	Oct.	Season Total
Albany	59	328	579	646	652	436	245	2,945
Batavia	69	333	<u>2/</u>	621	696	502	324	3,189
Binghamton	32	281	513	549	599	425	254	2,686
Bridgehamton	77	286	541	687	695	485	365	3,129
Buffalo	32	296	592	619	701	489	299	3,041
Dansville	<u>2/</u>	<u>2/</u>	<u>2/</u>	568	652	<u>2/</u>	275	<u>2/</u>
Delhi	31	219	425	420	472	314	197	2,096
Elmira	43	244	507	534	626	393	225	2,584
Fredonia	74	317	567	618	675	502	354	3,201
Ithaca	42	239	495	533	579	398	251	2,550
Liberty	32	213	<u>2/</u>	500	507	342	209	2,215
Little Valley	<u>2/</u>	<u>2/</u>	398	446	<u>2/</u>	315	<u>2/</u>	<u>2/</u>
Lowville	24	183	476	484	531	324	185	2,212
New York City	135	480	648	782	755	613	433	3,891
Riverhead	85	385	597	741	744	555	415	3,542
Rochester	63	307	591	618	680	449	280	3,017
Syracuse	53	280	557	621	657	467	281	2,922
Watertown	57	231	555	601	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>

^{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.