

What Are the Odds on Maximum and Minimum Temperatures in New York State?

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Many people wonder about the odds for experiencing extremely high or extremely low temperatures at various times during the year. For example, how many years out of 100 can one expect a temperature of 25 or 30 degrees below zero—the critical range in which peach and apricot trees are injured or killed—at various locations in our state? Or, how many years out of 100 can one expect a below zero temperature in November, or December, or some other month?

To obtain information on this subject, we analyzed long-term daily temperature data from 64 locations scattered across New York (Fig. 1). The locations, counties, elevation, latitude, and longitude of these stations are given in Table 1. Monthly minimum and maximum temperatures were obtained from "Climatological Data—New York." This publication, issued monthly by the Environmental Data and Information Service, National Oceanic and Atmospheric Administration (NOAA), U. S. Department of Commerce, summarizes data that are on file at the National Climatic Center, Asheville, NC.

Most of the temperature measurements were made by observers who record precipitation and minimum and maximum temperatures each day as part of a nationwide cooperative weather network. Some, however, were made by National Weather Service and Federal Aviation Administration employees at major airports across the state. In all cases, the minimum and maximum temperatures were recorded 5 feet above the ground in standard Weather Bureau instrument shelters. Users of the information presented here should remember that under clear sky conditions, maximum temperature of plant tissue will usually exceed the measured maximum, and minimum temperature of plant tissue will be lower than the measured minimum.

The number of years for which complete data were available differed somewhat from station to station, and sometimes from month to month within a station. This number is given in the last column of each of the data tables for the 64 locations. In most cases, it was 29, 30, or 31 years, and it covered the period January 1, 1946 through December 31, 1976.

A program written for our Prime 400 computer calculated the probabilities (the number of years out of 100) that maximum temperatures in any one month would be expected to reach as high as a certain value and the probability that the minimum temperature would be as low as a certain value. At Albany, for example, the odds are 99 out of 100 (2nd column) that the maximum temperature sometime in January will reach 34 degrees. In 95 years out of 100 (3rd column), the January maximum will be at least 39 degrees, but in only 1 year out of 100 (last column) will the maximum reach 66 degrees—a real January thaw. Likewise, looking at July temperatures at Albany, in 99 years out of 100 the maximum will reach 86 degrees, but in only 1 year out of 100 will it get up to 101 degrees.

Probabilities were computed using the assumption of normally distributed maxima and minima. The Shapiro-Wilk test indicated no significant departures from normality in any of the data.

Similar information can be obtained for minimum temperatures. Again using Albany as an example, in 99 years out of 100 (2nd column) we would expect the minimum temperature in January to get down to 10 degrees, and in 1 year out of 100 (last column), January temperature will drop to -31 degrees. In half of the years, January temperature will reach -10 degrees. Likewise, in July at Albany, the minimum temperature would reach 53 degrees in 99 years out of 100, and in 1 year out of 100 it would drop to 41 degrees.

The bottom line in each table gives the expectation of maximum or minimum temperatures on an annual basis, regardless of month. At Albany, for example, the maximum temperature, regardless of month, will reach 89 degrees in 99 years out of 100, and it will reach 102 degrees in only 1 year out of 100. At the other end of the scale, the minimum temperature at Albany will drop to -1 degree in 99 years out of 100, it will reach -16 degrees in 50 years out of 100, and it will drop to -31 degrees only 1 year out of 100.

The information in the following tables should be of interest to commercial farmers and home gardeners as well as to the large recreation industry in New York State.

Table 1.—Identification of stations by county, elevation, latitude, and longitude.

Station		County	Eleva- tion (ft)	Latitude		Longitude	
Name	Weather Bureau Number			Deg.	Min.	Deg.	Min.
NEW YORK							
Albany-airport	0042	Albany	275	42	45	73	48
Albion	0055	Orleans	440	43	17	78	10
Alfred	0085	Allegany	1760	42	15	77	48
Angelica	0183	Allegany	1420	42	18	78	01
Auburn 2 NE	0321	Cayuga	716	42	56	76	32
Batavia	0443	Genesee	900	43	00	78	11
Bath	0448	Steuben	1120	42	21	77	21
Binghamton-airport	0687	Broome	1590	42	13	78	59
Bridgehampton	0889	Suffolk	60	40	57	72	18
Brockport 2NW	0937	Monroe	413	43	15	77	58
Buffalo-airport	1012	Erie	705	42	56	78	44
Canandaigua	1152	Ontario	720	42	51	77	14
Canton 4 SE	1185	St. Lawrence	406	44	35	75	10
Carmel 1 SW	1207	Putnam	500	41	25	73	42
Chazy	1401	Clinton	170	44	53	73	26
Cobleskill	1593	Schoharie	940	42	40	74	30
Cooperstown	1752	Otsego	1240	42	42	74	55
Cortland	1799	Cortland	1129	42	36	76	11
Dannemora	1966	Clinton	1338	44	43	73	43
Delhi	2036	Delaware	1460	42	16	74	55
Elizabethtown	2554	Essex	600	44	13	73	36
Elmira 2 SE	2610	Chemung	863	42	05	76	48
Fredonia	3033	Chautauqua	750	42	26	79	22
Geneva 2 W	3177	Ontario	615	42	53	77	00
Glenham	3259	Dutchess	275	41	31	73	56
Gloversville	3319	Fulton	760	43	03	74	20
Hudson	4025	Columbia	60	42	15	73	48
Hemlock	3773	Livingston	920	42	47	77	37
Indian Lake	4102	Hamilton	1660	43	45	74	17
Ithaca 1 E	4174	Tompkins	950	42	27	76	28
Jamestown 4 NE-	4206	Chautauqua	1390	42	06	79	15
Lewiston	4715	Niagara	330	43	11	79	03
Liberty	4731	Sullivan	1580	41	48	74	44
Little Falls-City Rsvr.	4791	Herkimer	890	43	04	74	52
Little Valley	4808	Cattaraugus	1575	42	15	78	48
Lockport 2 NE	4844	Niagara	520	43	11	78	39
Lowville	4912	Lewis	809	43	48	75	29
Massena-airport	5134	St. Lawrence	208	44	56	74	51
Middletown 2NW	5310	Orange	700	41	27	74	27
Morrisville	5512	Madison	1325	42	54	75	39
Naples	5635	Ontario	750	42	37	77	24
New York-Central Park	5801	New York	132	40	47	73	58
Norwich	6085	Chenango	1070	42	33	75	32
Ogdensburg 4 NE	6164	St. Lawrence	258	44	44	75	27
Old Forge	6184	Herkimer	1720	43	43	74	59
Oswego East	6314	Oswego	292	43	27	76	31
Patchogue	6441	Suffolk	55	40	48	73	01
Penn Yan	6510	Yates	720	42	39	77	05
Plattsburgh	6659	Clinton	190	44	42	73	28
Port Jervis	6774	Orange	470	41	23	74	41
Poughkeepsie-airport	6820	Dutchess	154	41	38	73	53
Riverhead	7134	Suffolk	100	40	58	72	43
Rochester-airport	7167	Monroe	543	43	07	77	40
Roxbury	7317	Delaware	1494	42	17	74	34
Saratoga Springs	7484	Saratoga	310	43	02	73	49
Setauket	7633	Suffolk	40	40	57	73	06
Sodus Center	7842	Wayne	420	43	12	77	01
Syracuse-airport	8383	Onondaga	419	43	07	76	07
Utica-airport	8737	Oneida	718	43	09	75	23
Wanakena	8944	St. Lawrence	1510	44	09	74	54
Warsaw	8962	Wyoming	1720	42	41	78	12
Watertown-airport	9005	Jefferson	322	44	00	76	01
Westfield 3SW	9189	Chautauqua	975	42	17	79	36
Whitehall	9389	Washington	119	43	33	73	24

**ALBANY
STATION NUMBER 0042**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	41	50	59	61	66	31
FEB	36	41	43	51	59	62	66	31
MAR	46	52	54	65	75	78	84	31
APR	64	68	71	79	87	90	94	31
MAY	77	80	81	86	91	93	95	31
JUN	84	87	88	93	97	98	101	31
JUL	86	88	90	94	98	99	101	31
AUG	84	86	87	92	97	98	101	31
SEP	79	82	83	88	93	95	97	31
OCT	70	73	75	80	86	87	90	31
NOV	53	57	59	67	74	77	81	31
DEC	40	44	47	55	63	65	70	31
ANNUAL	89	91	92	95	99	100	102	

**ALBANY
STATION NUMBER 0042**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	10	4	1	-10	-22	-25	-31	31
FEB	9	4	1	-10	-20	-23	-28	31
MAR	28	21	18	5	-7	-11	-17	31
APR	32	29	27	21	15	13	10	31
MAY	36	35	34	31	28	27	25	31
JUN	49	46	45	40	36	34	32	31
JUL	53	51	50	47	44	43	41	31
AUG	50	48	47	44	40	39	38	31
SEP	43	40	38	33	28	26	23	31
OCT	32	30	28	24	19	17	15	31
NOV	26	22	21	14	8	6	3	31
DEC	12	7	4	-5	-14	-17	-22	31
ANNUAL	-1	-5	-8	-16	-24	-27	-31	

**ALBION
STATION NUMBER 0055**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	40	44	55	66	69	75	21
FEB	41	45	47	55	62	64	68	21
MAR	45	50	53	64	74	77	82	21
APR	64	68	70	77	84	86	89	22
MAY	74	76	78	83	88	89	92	22
JUN	84	86	87	90	93	94	96	22
JUL	84	86	87	91	95	96	99	21
AUG	83	86	87	92	98	99	102	21
SEP	77	81	82	89	95	97	100	20
OCT	72	75	76	82	88	89	92	19
NOV	56	60	62	68	75	77	80	19
DEC	40	45	48	57	66	68	73	19
ANNUAL	85	88	89	94	99	100	102	

**ALBION
STATION NUMBER 0055**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	12	9	6	-1	-8	-10	-14	21
FEB	12	9	7	0	-7	-8	-12	21
MAR	24	20	18	10	2	-1	-5	21
APR	34	30	28	22	15	13	10	22
MAY	37	36	35	31	28	27	26	21
JUN	49	47	46	42	38	36	34	22
JUL	55	54	53	50	46	45	44	21
AUG	52	51	49	46	42	41	39	21
SEP	45	43	41	37	32	31	28	20
OCT	37	35	33	29	24	23	20	19
NOV	33	28	26	17	9	6	2	20
DEC	16	13	11	5	-1	-3	-6	19
ANNUAL	10	6	4	-2	-9	-11	-15	

ALFRED
STATION NUMBER 0085

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	42	52	61	64	69	31
FEB	38	43	45	53	61	63	67	31
MAR	45	50	53	64	74	77	83	31
APR	66	70	72	78	85	87	91	30
MAY	72	75	77	82	88	89	92	31
JUN	81	83	84	87	91	91	93	31
JUL	81	83	84	88	93	94	96	31
AUG	80	82	83	88	92	93	95	31
SEP	74	77	79	84	90	91	94	31
OCT	69	71	73	78	82	84	86	31
NOV	54	58	59	66	72	73	77	30
DEC	41	45	47	55	62	64	68	31
ANNUAL	84	86	87	90	94	94	96	

ALFRED
STATION NUMBER 0085

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	10	4	2	- 9	-19	-22	-27	31
FEB	6	2	- 1	- 9	-17	-20	-24	31
MAR	17	12	9	0	- 9	-11	-16	31
APR	28	24	22	16	10	8	5	31
MAY	34	32	31	27	23	21	19	31
JUN	44	41	40	36	31	30	27	31
JUL	48	47	46	42	39	38	36	31
AUG	46	44	43	39	35	34	32	31
SEP	39	37	35	31	26	24	22	31
OCT	32	29	28	22	16	15	12	30
NOV	26	22	19	11	4	1	- 3	30
DEC	7	4	2	- 5	-11	-13	-17	31
ANNUAL	2	- 3	- 5	-13	-21	-23	-27	

ANGELICA
STATION NUMBER 0183

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	40	43	52	62	64	69	31
FEB	39	43	46	54	62	65	69	31
MAR	47	52	55	65	75	78	83	31
APR	66	70	72	79	86	88	92	31
MAY	74	77	78	83	89	90	93	31
JUN	83	85	86	89	93	94	96	31
JUL	83	85	86	90	94	95	98	31
AUG	80	83	85	90	95	96	99	31
SEP	75	79	80	86	92	94	97	31
OCT	70	73	74	80	85	86	89	30
NOV	55	59	61	67	74	76	80	31
DEC	40	44	47	55	64	67	71	30
ANNUAL	85	87	88	92	96	97	99	

ANGELICA
STATION NUMBER 0183

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	11	4	0	-13	-26	-29	-36	30
FEB	9	3	- 1	-13	-25	-29	-35	31
MAR	20	14	11	0	-11	-15	-20	31
APR	25	22	20	15	9	8	5	31
MAY	32	30	29	24	19	18	16	31
JUN	41	39	37	33	29	28	26	31
JUL	47	45	43	39	35	34	32	31
AUG	46	43	42	37	31	30	27	31
SEP	38	35	34	28	23	21	18	30
OCT	30	27	25	19	14	12	9	27
NOV	24	20	18	9	1	- 1	- 5	30
DEC	9	4	1	- 8	-18	-21	-26	31
ANNUAL	- 1	- 6	- 9	-19	-29	-31	-37	

AUBURN
STATION NUMBER 0321

MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	41	50	59	61	66	26
FEB	35	40	42	50	59	61	65	26
MAR	44	49	52	61	70	73	78	26
APR	60	64	66	74	82	84	89	26
MAY	70	73	74	80	86	88	91	25
JUN	82	84	85	89	92	93	95	25
JUL	84	86	87	90	94	95	96	26
AUG	82	84	86	90	95	96	98	25
SEP	75	79	80	86	92	94	97	26
OCT	69	72	73	78	84	85	88	26
NOV	56	59	60	65	71	72	75	26
DEC	42	45	47	54	61	63	66	26
ANNUAL	85	87	88	92	96	97	99	

AUBURN
STATION NUMBER 0321

MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P	99	95	90	50	10	5	1	NO. YEARS
JAN	16	10	7	- 5	-16	-19	-25	26
FEB	16	10	7	- 4	-15	-18	-24	26
MAR	26	20	17	6	- 6	- 9	-15	26
APR	33	30	29	23	17	16	12	26
MAY	39	37	36	32	29	28	26	25
JUN	49	47	46	42	39	38	36	25
JUL	60	58	56	52	47	46	43	26
AUG	55	53	52	48	45	44	42	25
SEP	48	45	44	39	34	33	30	26
OCT	37	35	34	30	26	24	22	26
NOV	31	27	25	19	12	11	7	26
DEC	18	14	12	3	- 5	- 7	-12	26
ANNUAL	10	4	1	- 9	-19	-22	-28	

BATAVIA
STATION NUMBER 0443

MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	41	44	53	63	66	71	30
FEB	39	44	46	54	62	65	69	31
MAR	46	52	55	66	77	80	86	31
APR	63	67	69	76	84	86	90	30
MAY	74	76	78	83	88	89	92	28
JUN	82	84	85	89	93	94	96	29
JUL	84	86	87	90	93	94	96	31
AUG	82	84	85	89	93	94	97	31
SEP	77	80	81	87	93	95	98	30
OCT	72	74	76	80	85	86	89	31
NOV	57	61	62	68	74	76	79	31
DEC	42	47	49	57	66	68	73	31
ANNUAL	86	87	88	92	95	96	98	

BATAVIA
STATION NUMBER 0443

MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	11	6	3	- 6	-15	-17	-22	30
FEB	11	7	4	- 4	-12	-14	-18	31
MAR	23	18	15	6	- 4	- 6	-11	31
APR	30	27	26	20	14	13	10	31
MAY	37	35	34	31	27	26	24	30
JUN	49	46	45	40	35	34	31	29
JUL	53	51	50	47	43	42	40	30
AUG	51	49	48	44	40	38	36	31
SEP	42	40	39	34	30	28	26	30
OCT	36	33	32	26	21	20	17	31
NOV	30	26	24	16	8	5	1	31
DEC	16	11	9	1	- 7	- 9	-14	30
ANNUAL	7	2	0	- 9	-17	-19	-24	

**BATH
STATION NUMBER 0488**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	41	44	53	62	65	70	14
FEB	38	42	44	51	58	61	64	14
MAR	49	54	57	66	76	79	84	14
APR	66	69	72	79	87	89	93	14
MAY	71	74	76	83	90	92	96	15
JUN	87	88	89	91	92	93	94	14
JUL	85	87	88	91	95	96	97	15
AUG	82	84	86	90	94	95	97	15
SEP	79	82	83	87	91	93	95	15
OCT	70	73	74	79	84	86	88	15
NOV	51	55	57	65	73	76	80	15
DEC	37	42	45	55	65	68	73	15
ANNUAL	87	89	89	92	95	96	98	

**BATH
STATION NUMBER 0488**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	6	1	- 2	-11	-20	-23	-28	14
FEB	3	- 1	- 4	-12	-20	-23	-27	14
MAR	21	15	12	3	- 7	-10	-16	14
APR	25	22	21	17	12	11	9	14
MAY	32	31	30	27	24	23	21	15
JUN	43	41	40	36	32	31	29	14
JUL	49	47	46	42	39	38	36	15
AUG	48	46	44	39	35	33	31	15
SEP	42	39	37	31	25	23	20	15
OCT	35	31	29	22	14	12	8	15
NOV	26	22	20	14	8	6	2	14
DEC	14	9	6	- 3	-13	-16	-21	15
ANNUAL	- 5	- 8	-10	-15	-21	-22	-25	

**BINGHAMTON
STATION NUMBER 0687**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	31	37	40	51	62	65	70	31
FEB	35	39	42	51	60	62	67	31
MAR	43	48	51	62	73	76	82	31
APR	66	69	71	77	83	85	88	30
MAY	71	74	76	82	88	90	93	30
JUN	80	82	83	88	92	93	96	30
JUL	80	83	84	89	94	95	98	30
AUG	78	81	83	88	93	94	97	30
SEP	75	78	79	85	90	91	94	30
OCT	65	69	71	77	83	85	89	30
NOV	51	55	58	65	73	75	79	31
DEC	41	45	47	55	62	65	69	31
ANNUAL	79	83	84	90	96	98	101	

**BINGHAMTON
STATION NUMBER 0687**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	14	9	6	- 4	-14	-16	-22	31
FEB	10	6	4	- 5	-13	-15	-20	31
MAR	23	18	15	6	- 3	- 6	-11	31
APR	29	26	25	20	15	14	11	30
MAY	40	37	36	31	26	25	22	30
JUN	49	47	46	42	38	37	34	30
JUL	56	54	52	48	44	43	41	30
AUG	53	51	49	45	41	40	37	30
SEP	45	42	41	35	29	28	25	30
OCT	37	34	32	26	21	19	16	30
NOV	29	25	23	15	8	6	2	31
DEC	13	9	7	0	- 7	- 9	-12	31
ANNUAL	5	1	- 1	- 8	-15	-17	-21	

**BRIDGEHAMPTON
STATION NUMBER 0889**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	44	46	48	53	59	60	63	31
FEB	42	45	47	52	58	59	62	31
MAR	47	50	52	59	66	68	71	31
APR	61	64	66	72	79	81	84	31
MAY	69	71	73	78	83	85	88	31
JUN	78	81	82	87	92	93	96	31
JUL	81	83	85	89	94	95	98	31
AUG	79	82	83	89	94	95	98	31
SEP	75	78	79	84	89	90	92	31
OCT	68	70	72	77	82	83	86	31
NOV	57	60	61	66	71	72	75	31
DEC	50	52	53	58	62	63	66	31
ANNUAL	83	85	86	91	96	97	99	

**BRIDGEHAMPTON
STATION NUMBER 0889**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	20	16	14	7	0	- 2	- 6	31
FEB	21	18	16	9	2	0	- 4	31
MAR	28	25	23	17	11	9	6	31
APR	36	34	32	27	22	20	17	31
MAY	40	39	38	36	33	32	31	31
JUN	52	49	48	44	40	39	37	31
JUL	58	57	56	53	50	49	47	31
AUG	58	56	54	50	47	45	43	31
SEP	49	47	45	41	36	35	33	31
OCT	40	38	36	32	27	26	23	31
NOV	30	28	27	23	20	19	17	31
DEC	25	21	19	12	5	3	- 1	31
ANNUAL	15	12	10	4	- 1	- 3	- 6	

**BROCKPORT
STATION NUMBER 0937**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	40	43	53	63	66	71	26
FEB	36	41	44	53	62	65	69	26
MAR	45	51	54	65	77	80	86	27
APR	62	67	69	77	85	87	92	27
MAY	74	77	78	83	88	90	93	26
JUN	83	85	86	90	94	95	97	27
JUL	84	86	87	91	95	97	99	27
AUG	83	85	86	90	94	95	97	27
SEP	77	81	82	88	94	95	99	27
OCT	72	75	76	81	85	87	89	27
NOV	57	60	62	69	75	77	80	27
DEC	41	46	48	57	66	68	73	27
ANNUAL	87	88	89	93	97	98	100	

**BROCKPORT
STATION NUMBER 0937**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	9	5	3	- 5	-13	-15	-19	26
FEB	13	9	6	- 2	-10	-12	-16	26
MAR	22	18	15	7	- 1	- 4	- 8	27
APR	33	29	27	21	15	13	9	27
MAY	38	36	35	31	28	26	24	27
JUN	50	47	46	41	36	35	32	27
JUL	53	51	51	48	45	44	43	27
AUG	52	50	49	45	42	41	39	27
SEP	46	43	42	37	31	30	27	27
OCT	37	34	33	28	23	21	19	27
NOV	30	26	24	16	9	7	3	27
DEC	16	12	10	3	- 4	- 7	-11	27
ANNUAL	5	1	0	- 7	-14	-16	-20	

BUFFALO
STATION NUMBER 1012

MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	40	43	53	62	65	70	31
FEB	40	44	46	54	63	65	69	31
MAR	48	53	56	66	76	78	83	31
APR	63	67	69	76	83	85	89	31
MAY	74	76	78	83	88	90	93	31
JUN	82	84	85	89	93	94	96	31
JUL	83	85	86	90	94	95	97	31
AUG	81	83	85	89	93	95	97	31
SEP	76	80	81	87	93	94	97	31
OCT	70	73	74	79	85	86	89	31
NOV	55	59	61	68	75	77	80	31
DEC	42	47	49	57	65	68	72	31
ANNUAL	86	88	89	92	96	97	98	

BUFFALO
STATION NUMBER 1012

MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	15	11	9	0	- 8	-11	-15	31
FEB	15	11	8	0	- 8	-11	-15	31
MAR	24	20	17	9	1	- 1	- 5	31
APR	33	30	28	23	17	16	13	31
MAY	40	38	37	33	29	28	26	31
JUN	51	48	47	43	39	38	35	31
JUL	57	55	54	51	47	46	45	31
AUG	54	52	51	47	43	42	39	31
SEP	46	43	42	38	33	32	30	31
OCT	40	37	35	29	24	22	19	31
NOV	33	28	26	18	10	8	4	31
DEC	18	14	12	4	- 3	- 5	- 9	31
ANNUAL	10	6	4	- 4	-11	-14	-18	

CANANDAIGUA
STATION NUMBER 1152

MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P	99	95	90	50	10	5	1	NO. YEARS
JAN	36	42	45	55	65	68	74	31
FEB	39	43	46	55	64	66	71	31
MAR	46	52	55	65	75	78	83	31
APR	63	68	70	79	87	90	95	31
MAY	74	77	78	84	89	91	94	31
JUN	85	87	88	91	94	95	97	31
JUL	85	87	88	92	96	98	100	31
AUG	83	86	87	92	97	98	101	31
SEP	80	83	84	89	95	96	99	31
OCT	72	75	76	82	87	89	92	31
NOV	57	60	62	69	75	77	81	31
DEC	43	47	49	57	66	68	72	31
ANNUAL	87	89	91	94	98	99	101	

CANANDAIGUA
STATION NUMBER 1152

MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100

P	99	95	90	50	10	5	1	NO. YEARS
JAN	12	8	5	- 2	-10	-12	-16	31
FEB	12	8	6	- 2	-10	-12	-16	31
MAR	22	18	15	7	- 1	- 3	- 7	31
APR	30	28	26	21	16	14	12	31
MAY	38	36	35	31	27	26	24	31
JUN	48	46	45	40	36	34	32	31
JUL	53	52	51	48	45	44	42	31
AUG	52	50	49	45	41	40	38	31
SEP	45	43	42	37	33	32	29	31
OCT	37	35	33	28	23	22	19	31
NOV	30	26	24	17	10	8	5	31
DEC	15	12	10	4	- 2	- 4	- 7	31
ANNUAL	7	3	1	- 5	-12	-14	-17	

**CANTON
STATION NUMBER 1185**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	38	41	51	61	64	69	31
FEB	35	39	42	50	58	60	64	31
MAR	43	48	51	61	70	73	78	31
APR	57	62	64	73	82	85	90	31
MAY	74	77	78	82	87	88	90	31
JUN	81	83	84	87	91	92	94	31
JUL	82	84	85	89	92	93	95	31
AUG	80	83	84	89	93	95	97	31
SEP	76	78	80	85	90	91	94	31
OCT	69	71	73	77	82	83	86	31
NOV	51	55	58	65	73	76	80	31
DEC	38	43	45	54	63	65	70	31
ANNUAL	83	85	87	90	94	95	97	

**CANTON
STATION NUMBER 1185**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 2	- 8	-11	-22	-34	-37	-43	31
FEB	1	- 6	- 9	-21	-33	-36	-42	31
MAR	20	13	9	- 5	-18	-22	-29	31
APR	34	28	26	16	6	3	- 2	31
MAY	36	34	32	28	23	22	19	31
JUN	47	44	43	37	32	30	27	31
JUL	52	50	48	43	38	37	34	31
AUG	47	45	44	39	35	33	31	31
SEP	39	37	35	31	26	24	22	31
OCT	30	27	26	21	16	14	11	31
NOV	27	22	19	9	- 1	- 4	- 9	31
DEC	3	- 3	- 6	-17	-28	-31	-37	31
ANNUAL	-10	-15	-18	-28	-37	-40	-45	

**CARMEL
STATION NUMBER 1207**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	40	44	46	53	60	62	66	30
FEB	40	45	47	56	64	67	71	31
MAR	51	55	58	67	76	79	84	31
APR	65	69	71	79	87	90	94	31
MAY	75	78	80	86	92	94	97	31
JUN	84	86	88	92	96	97	99	31
JUL	86	88	89	94	98	99	102	31
AUG	83	86	87	93	98	99	102	31
SEP	78	81	83	89	94	96	99	31
OCT	71	74	76	81	87	89	92	31
NOV	56	60	62	68	75	77	80	31
DEC	47	50	52	58	63	65	68	31
ANNUAL	88	90	91	96	100	101	103	

**CARMEL
STATION NUMBER 1207**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	16	10	7	- 4	-14	-17	-23	31
FEB	12	8	5	- 3	-11	-13	-18	31
MAR	24	19	16	7	- 1	- 4	- 9	31
APR	30	28	26	21	16	14	11	31
MAY	37	35	34	31	27	26	25	31
JUN	48	46	44	41	37	36	34	31
JUL	53	51	50	47	43	42	40	31
AUG	52	50	49	45	41	39	37	31
SEP	42	40	38	34	30	28	26	31
OCT	34	31	30	26	21	20	17	31
NOV	26	23	22	18	13	12	9	31
DEC	18	14	11	2	- 6	- 9	-14	31
ANNUAL	8	3	1	- 7	-15	-17	-21	

**CHAZY
STATION NUMBER 1401**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	32	36	39	46	54	56	60	31
FEB	34	37	39	46	52	54	58	31
MAR	38	43	46	57	67	70	75	31
APR	56	61	64	73	82	85	89	30
MAY	71	74	76	83	89	91	95	30
JUN	82	85	86	90	94	95	98	30
JUL	83	86	87	92	97	99	101	30
AUG	80	83	85	91	97	99	102	30
SEP	74	78	79	86	92	94	97	31
OCT	65	68	70	75	81	82	85	31
NOV	50	54	56	63	69	71	75	29
DEC	37	41	43	50	57	59	63	30
ANNUAL	86	88	90	94	98	100	102	

**CHAZY
STATION NUMBER 1401**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 1	- 6	- 9	-20	-31	-34	-39	31
FEB	2	- 4	- 7	-19	-31	-34	-40	31
MAR	20	13	10	- 3	-15	-19	-26	30
APR	30	26	24	17	10	8	5	30
MAY	39	36	34	29	23	22	19	30
JUN	46	44	43	39	36	35	33	30
JUL	53	51	50	45	41	40	37	30
AUG	51	49	47	42	37	35	33	30
SEP	40	37	36	31	27	25	23	31
OCT	33	30	28	22	16	15	12	30
NOV	27	22	19	10	1	- 1	- 6	30
DEC	8	3	0	-11	-22	-25	-30	30
ANNUAL	- 6	-12	-14	-24	-34	-37	-42	

**COBLESKILL
STATION NUMBER 1593**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	41	44	53	63	65	70	27
FEB	38	42	45	53	61	63	68	27
MAR	48	53	55	64	73	75	79	28
APR	66	69	71	78	85	87	91	28
MAY	76	79	80	85	90	91	94	29
JUN	85	87	88	92	95	96	98	28
JUL	86	88	89	92	95	96	97	28
AUG	83	85	86	91	95	96	99	28
SEP	79	81	83	87	91	93	95	28
OCT	69	72	74	79	85	86	89	28
NOV	54	58	60	68	75	77	81	28
DEC	40	45	48	57	66	68	73	28
ANNUAL	87	89	90	93	97	98	99	

**COBLESKILL
STATION NUMBER 1593**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	8	3	0	- 9	-18	-21	-25	27
FEB	8	4	1	- 8	-17	-19	-24	28
MAR	20	15	13	4	- 4	- 7	-12	28
APR	30	27	25	20	14	12	9	28
MAY	35	34	33	29	26	25	23	29
JUN	47	45	43	39	34	33	31	29
JUL	50	49	48	45	42	42	40	28
AUG	47	46	45	42	40	39	37	28
SEP	41	39	37	33	28	26	24	28
OCT	32	30	28	23	17	16	13	27
NOV	26	22	20	14	7	5	1	28
DEC	13	8	5	- 5	-14	-17	-22	28
ANNUAL	0	- 4	- 6	-13	-21	-23	-27	

**COOPERSTOWN
STATION NUMBER 1752**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	34	40	42	52	61	64	69	31
FEB	39	43	45	52	59	61	64	31
MAR	43	49	52	63	75	78	84	30
APR	65	69	71	78	84	86	90	31
MAY	74	76	78	83	88	90	93	31
JUN	82	84	85	89	93	94	96	30
JUL	83	85	86	90	94	95	97	30
AUG	80	83	84	89	94	95	98	31
SEP	76	79	81	86	91	92	95	31
OCT	69	72	73	79	85	86	89	31
NOV	55	58	61	68	75	77	81	31
DEC	42	46	48	56	64	66	70	30
ANNUAL	85	87	88	92	95	96	98	

**COOPERSTOWN
STATION NUMBER 1752**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	5	0	- 3	-14	-24	-27	-33	31
FEB	6	0	- 3	-13	-23	-26	-32	31
MAR	28	20	16	1	-13	-18	-25	30
APR	27	23	22	16	10	8	5	31
MAY	31	30	29	25	22	21	20	31
JUN	43	41	40	35	31	30	28	30
JUL	47	46	45	42	38	37	36	30
AUG	44	43	42	39	35	34	33	31
SEP	38	36	34	29	24	23	20	31
OCT	29	27	25	20	15	14	11	31
NOV	24	20	18	11	3	1	- 3	31
DEC	7	2	0	- 8	-17	-19	-23	30
ANNUAL	- 3	- 7	- 9	-18	-26	-29	-33	

**CORTLAND
STATION NUMBER 1799**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	42	52	62	65	71	31
FEB	39	43	45	53	60	62	67	31
MAR	48	53	55	64	73	76	81	31
APR	64	68	71	78	86	88	93	31
MAY	73	76	78	85	91	93	96	31
JUN	84	86	87	91	94	95	97	31
JUL	84	86	87	92	96	98	100	31
AUG	81	84	86	91	96	97	100	31
SEP	77	80	82	87	93	95	98	31
OCT	69	72	74	80	87	88	92	31
NOV	55	59	61	68	74	76	80	30
DEC	42	46	48	55	62	64	68	31
ANNUAL	87	89	90	94	98	99	101	

**CORTLAND
STATION NUMBER 1799**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	10	5	2	- 7	-16	-19	-24	31
FEB	13	7	4	- 6	-17	-20	-25	31
MAR	23	17	15	4	- 6	- 9	-14	31
APR	29	27	25	20	15	13	10	31
MAY	37	35	34	30	26	25	23	31
JUN	48	45	44	39	33	32	29	31
JUL	53	50	49	45	42	40	38	31
AUG	48	47	46	42	38	37	36	30
SEP	42	40	38	34	29	28	25	31
OCT	34	31	30	25	21	20	17	31
NOV	28	24	22	14	6	4	- 1	30
DEC	17	12	9	- 1	-11	-14	-19	31
ANNUAL	5	0	- 2	-11	-20	-23	-27	

**DANNEMORA
STATION NUMBER 1966**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	37	39	48	56	59	63	31
FEB	34	38	40	47	55	57	61	31
MAR	38	44	47	58	69	72	78	31
APR	56	61	64	73	82	85	90	31
MAY	73	76	77	83	89	91	94	31
JUN	81	83	85	89	94	95	97	31
JUL	82	85	86	90	94	95	98	31
AUG	80	82	84	89	94	95	98	30
SEP	76	79	80	85	90	92	94	31
OCT	65	69	71	77	84	86	89	31
NOV	50	54	56	63	70	72	76	31
DEC	37	41	43	50	57	59	63	31
ANNUAL	85	87	88	92	96	97	99	

**DANNEMORA
STATION NUMBER 1966**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 1	- 5	- 8	-15	-23	-25	-29	31
FEB	3	- 2	- 5	-13	-22	-25	-29	31
MAR	18	13	10	1	- 9	-12	-17	31
APR	28	25	23	16	9	7	3	30
MAY	39	36	35	29	24	23	20	31
JUN	47	45	44	40	36	35	32	30
JUL	53	51	50	47	44	43	41	31
AUG	50	48	47	44	40	39	38	31
SEP	41	39	38	34	30	28	26	31
OCT	33	30	29	23	18	17	14	30
NOV	24	20	18	10	2	0	- 4	30
DEC	7	3	0	- 8	-17	-19	-24	31
ANNUAL	- 6	- 9	-11	-18	-25	-27	-30	

**DELHI
STATION NUMBER 2036**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	42	51	60	63	68	26
FEB	37	41	44	51	59	61	66	26
MAR	45	50	53	63	72	75	80	26
APR	65	69	70	76	82	84	87	26
MAY	74	77	78	83	88	89	92	26
JUN	82	84	85	88	92	93	95	26
JUL	83	85	86	90	94	95	97	26
AUG	80	83	84	89	94	96	98	26
SEP	77	79	81	86	91	92	95	26
OCT	69	72	73	79	84	86	89	25
NOV	54	58	60	66	72	74	78	25
DEC	44	48	49	56	62	64	67	26
ANNUAL	84	87	88	92	96	97	99	

**DELHI
STATION NUMBER 2036**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	9	3	0	-12	-24	-27	-33	26
FEB	7	1	- 2	-13	-23	-26	-32	26
MAR	20	14	11	0	-12	-15	-21	26
APR	26	23	22	16	11	9	6	26
MAY	31	29	28	25	21	20	19	26
JUN	43	41	39	35	31	30	27	26
JUL	47	45	44	41	38	37	35	26
AUG	45	43	42	39	35	34	33	26
SEP	40	37	35	29	23	21	17	26
OCT	30	27	26	21	15	14	11	25
NOV	27	22	20	11	3	0	- 4	25
DEC	8	3	1	- 8	-16	-19	-23	26
ANNUAL	- 2	- 6	- 9	-17	-26	-28	-33	

**ELIZABETHTOWN
STATION NUMBER 2554**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	38	40	48	56	58	62	27
FEB	35	39	41	48	56	58	62	28
MAR	42	47	50	60	69	72	77	29
APR	56	62	65	75	86	89	95	29
MAY	77	79	81	86	90	92	94	29
JUN	85	87	88	92	96	97	99	28
JUL	85	87	89	94	98	100	102	28
AUG	81	84	86	92	98	100	103	28
SEP	78	81	82	88	94	95	98	28
OCT	67	71	73	79	85	87	91	28
NOV	52	55	57	64	71	73	76	29
DEC	39	42	44	51	57	59	62	28
ANNUAL	87	89	90	95	100	101	103	

**ELIZABETHTOWN
STATION NUMBER 2554**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 3	- 8	-11	-21	-30	-33	-38	28
FEB	- 2	- 7	-10	-19	-29	-31	-36	29
MAR	13	7	4	- 6	-17	-20	-26	28
APR	26	23	21	14	7	5	1	28
MAY	32	30	28	25	21	20	18	28
JUN	42	40	38	34	29	28	26	28
JUL	50	47	46	42	37	36	33	28
AUG	47	44	43	38	33	31	29	27
SEP	37	34	33	28	23	21	19	28
OCT	28	26	24	18	13	11	9	29
NOV	22	18	15	7	- 1	- 3	- 8	29
DEC	2	- 3	- 5	-13	-21	-24	-28	28
ANNUAL	-10	-14	-16	-24	-32	-35	-39	

**ELMIRA
STATION NUMBER 2610**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	41	44	55	65	68	74	31
FEB	39	44	46	55	65	67	72	31
MAR	49	55	57	67	77	80	85	30
APR	69	72	75	82	89	91	95	31
MAY	75	79	81	87	93	95	99	31
JUN	85	87	89	93	97	98	101	31
JUL	85	88	89	94	99	101	103	31
AUG	83	86	87	93	99	101	104	31
SEP	77	81	83	90	97	99	103	31
OCT	68	72	74	81	89	91	95	31
NOV	54	58	61	69	77	80	84	31
DEC	43	47	49	57	65	67	72	31
ANNUAL	86	89	91	96	101	103	106	

**ELMIRA
STATION NUMBER 2610**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	16	10	7	- 3	-14	-17	-23	31
FEB	13	8	6	- 4	-13	-16	-21	31
MAR	23	18	16	7	- 3	- 5	-10	31
APR	30	27	26	20	15	14	11	30
MAY	36	34	33	29	25	24	22	31
JUN	47	45	43	39	34	32	30	31
JUL	50	49	48	45	42	41	39	30
AUG	49	47	46	42	38	36	34	30
SEP	43	40	38	33	27	26	23	31
OCT	35	32	30	24	18	17	13	31
NOV	29	25	23	15	8	6	2	31
DEC	16	12	9	1	- 7	-10	-14	31
ANNUAL	6	2	0	- 8	-17	-19	-23	

FREDONIA
STATION NUMBER 3033

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	38	43	46	55	65	67	72	31
FEB	42	46	48	56	65	67	71	31
MAR	51	56	59	68	77	80	85	31
APR	67	70	72	78	83	85	88	31
MAY	74	77	78	83	87	89	91	31
JUN	83	85	86	90	93	94	96	31
JUL	83	85	86	90	94	95	97	31
AUG	83	85	86	90	93	94	96	31
SEP	77	80	82	87	93	94	97	31
OCT	71	74	76	80	85	87	89	31
NOV	57	61	63	70	77	78	82	31
DEC	45	49	51	59	66	68	72	31
ANNUAL	86	88	89	92	96	97	98	

FREDONIA
STATION NUMBER 3033

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	16	11	9	0	-10	-12	-17	31
FEB	17	12	9	- 1	-11	-14	-19	31
MAR	24	19	17	7	- 2	- 4	- 9	31
APR	32	29	27	21	15	13	10	31
MAY	39	37	36	32	28	27	25	31
JUN	50	48	46	42	38	36	34	31
JUL	57	55	54	50	46	45	42	31
AUG	55	53	52	47	43	42	40	31
SEP	46	44	43	39	34	33	31	31
OCT	40	37	36	31	25	24	21	31
NOV	34	29	27	19	11	9	5	31
DEC	20	16	14	7	- 1	- 3	- 7	31
ANNUAL	10	6	4	- 4	-12	-15	-19	

GENEVA
STATION NUMBER 3184

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	40	43	53	64	67	73	31
FEB	37	41	44	53	61	64	68	31
MAR	46	52	54	65	75	78	84	31
APR	63	68	70	78	87	89	93	31
MAY	73	76	78	84	90	92	95	31
JUN	84	86	88	92	95	97	99	31
JUL	85	87	88	92	96	97	100	31
AUG	81	84	86	91	97	98	101	31
SEP	78	81	83	88	94	96	99	31
OCT	68	72	74	81	87	89	93	31
NOV	55	59	61	68	75	77	81	31
DEC	41	46	48	56	64	66	70	31
ANNUAL	86	88	90	94	98	99	102	

GENEVA
STATION NUMBER 3184

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	14	9	6	- 4	-14	-16	-21	31
FEB	15	10	7	- 2	-12	-15	-20	31
MAR	24	19	17	7	- 2	- 4	- 9	31
APR	32	29	28	22	16	15	12	31
MAY	38	36	35	31	27	26	24	31
JUN	48	46	45	41	38	37	35	31
JUL	53	52	51	48	45	45	43	31
AUG	52	50	48	45	41	40	38	31
SEP	46	43	41	36	31	29	26	31
OCT	36	33	32	28	23	22	20	31
NOV	31	27	25	17	10	7	3	31
DEC	17	12	10	2	- 6	- 8	-12	31
ANNUAL	7	3	1	- 8	-16	-19	-23	

**GLENHAM
STATION NUMBER 3259**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	40	45	47	56	65	68	73	31
FEB	40	45	48	58	67	70	75	31
MAR	54	58	61	69	77	80	84	31
APR	67	72	74	82	90	92	97	31
MAY	78	81	83	89	95	96	99	31
JUN	85	88	89	94	99	100	103	31
JUL	86	89	90	95	101	102	105	31
AUG	85	88	89	94	99	101	104	31
SEP	80	83	85	91	96	98	101	31
OCT	74	76	78	82	87	89	91	31
NOV	57	61	63	70	77	79	82	31
DEC	50	53	55	60	66	67	70	31
ANNUAL	89	92	93	97	102	103	106	

**GLENHAM
STATION NUMBER 3259**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	19	13	10	- 1	-13	-16	-22	31
FEB	18	13	10	0	-10	-12	-18	31
MAR	26	22	19	11	2	0	- 5	31
APR	33	31	29	24	19	18	15	31
MAY	39	37	36	33	30	29	28	31
JUN	51	49	48	43	39	38	36	31
JUL	56	54	53	50	46	45	43	31
AUG	53	51	50	47	43	42	40	31
SEP	46	43	41	36	30	29	26	31
OCT	36	33	32	27	22	21	18	31
NOV	28	25	24	19	14	12	10	31
DEC	20	15	13	3	- 6	- 9	-14	31
ANNUAL	10	5	3	- 6	-14	-17	-21	

**GLOVERSVILLE
STATION NUMBER 3319**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	38	40	46	51	53	56	21
FEB	37	40	41	47	53	55	58	22
MAR	41	46	49	59	70	72	78	22
APR	61	66	68	77	86	89	93	22
MAY	74	77	78	84	90	92	95	22
JUN	84	86	87	90	93	94	95	22
JUL	84	86	87	90	94	95	97	22
AUG	81	83	84	89	94	95	98	22
SEP	77	79	81	85	89	91	93	20
OCT	69	71	73	78	83	84	87	22
NOV	50	54	56	64	71	73	77	22
DEC	36	40	43	51	59	61	65	21
ANNUAL	87	89	89	92	95	96	98	

**GLOVERSVILLE
STATION NUMBER 3319**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	1	- 3	- 6	-13	-21	-23	-27	21
FEB	6	1	- 2	-11	-20	-23	-28	22
MAR	18	14	11	3	- 5	- 7	-12	22
APR	30	26	24	18	12	10	7	22
MAY	35	34	33	29	26	25	23	22
JUN	46	44	43	39	35	34	32	22
JUL	52	50	49	45	41	40	38	22
AUG	50	48	47	42	38	37	34	22
SEP	43	40	38	33	27	25	23	20
OCT	34	31	29	24	18	17	14	22
NOV	25	21	19	12	5	3	0	22
DEC	10	6	3	- 6	-15	-17	-22	20
ANNUAL	- 5	- 8	-10	-17	-23	-25	-28	

**HEMLOCK
STATION NUMBER 3773**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	41	44	53	62	65	69	31
FEB	39	43	45	53	61	63	67	31
MAR	47	52	54	64	73	76	81	31
APR	63	67	69	76	83	85	89	31
MAY	73	76	77	83	88	89	92	31
JUN	82	84	85	89	93	94	96	31
JUL	83	85	86	90	94	95	97	31
AUG	82	84	85	89	93	94	96	31
SEP	76	79	81	86	91	93	96	31
OCT	69	72	73	79	84	85	88	31
NOV	56	59	61	67	73	74	78	30
DEC	42	46	48	56	64	66	70	30
ANNUAL	85	87	88	92	95	96	98	

**HEMLOCK
STATION NUMBER 3773**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	10	6	3	- 6	-15	-17	-22	31
FEB	11	6	3	- 7	-16	-19	-24	31
MAR	23	17	14	4	- 6	- 9	-15	31
APR	31	28	26	19	13	11	8	31
MAY	38	35	34	29	24	23	21	30
JUN	48	45	44	40	35	34	31	31
JUL	54	52	51	47	43	42	40	31
AUG	52	49	48	43	39	38	35	31
SEP	45	42	40	35	29	28	25	30
OCT	38	34	33	26	20	18	15	31
NOV	30	26	24	16	8	6	2	30
DEC	14	10	8	0	- 7	-10	-14	29
ANNUAL	5	1	- 2	-10	-19	-21	-26	

**HUDSON
STATION NUMBER 4025**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	40	42	51	59	61	66	19
FEB	38	42	44	52	59	61	65	18
MAR	50	55	57	66	76	78	83	19
APR	66	70	73	81	90	92	97	19
MAY	75	79	81	88	94	96	100	16
JUN	84	87	88	92	97	98	100	19
JUL	86	89	90	94	99	100	103	19
AUG	85	87	88	92	96	97	99	19
SEP	79	82	84	89	94	95	98	19
OCT	70	73	74	79	85	86	89	18
NOV	54	58	60	67	75	77	81	18
DEC	45	48	50	56	61	63	66	18
ANNUAL	89	91	92	96	99	100	102	

**HUDSON
STATION NUMBER 4025**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	12	5	2	-10	-21	-24	-31	19
FEB	9	4	1	- 8	-17	-20	-24	17
MAR	21	17	15	7	0	- 2	- 6	19
APR	28	25	24	19	15	13	11	18
MAY	35	34	33	30	27	26	25	17
JUN	47	45	44	39	35	34	31	18
JUL	54	52	51	46	42	41	38	18
AUG	50	48	47	44	40	39	38	19
SEP	43	40	39	34	29	27	25	19
OCT	34	31	29	24	19	17	14	18
NOV	25	23	21	16	11	10	7	18
DEC	14	10	7	- 1	- 9	-12	-16	18
ANNUAL	4	0	- 3	-12	-21	-24	-29	

**INDIAN LAKE
STATION NUMBER 4102**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	37	39	46	53	55	58	30
FEB	36	40	41	47	53	54	57	30
MAR	41	46	48	57	66	68	73	31
APR	54	59	62	71	80	82	87	31
MAY	71	74	75	80	86	87	90	31
JUN	78	81	82	86	90	91	93	30
JUL	80	82	83	87	90	92	93	31
AUG	77	79	80	85	90	92	94	31
SEP	74	76	78	82	87	89	91	31
OCT	67	70	71	76	81	83	86	30
NOV	49	52	54	61	68	70	73	31
DEC	36	39	41	48	55	57	61	30
ANNUAL	82	84	85	89	92	93	95	

**INDIAN LAKE
STATION NUMBER 4102**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	1	- 6	- 9	-22	-34	-38	-45	30
FEB	- 5	-10	-12	-21	-30	-33	-38	30
MAR	8	2	0	-11	-21	-23	-29	31
APR	24	20	17	9	1	- 2	- 6	31
MAY	30	27	26	22	19	17	15	31
JUN	40	37	36	31	26	24	22	30
JUL	45	43	42	38	33	32	30	31
AUG	42	40	39	35	31	30	28	31
SEP	35	33	31	27	22	21	19	31
OCT	27	24	23	17	12	11	8	30
NOV	22	17	14	5	- 5	- 7	-13	31
DEC	- 1	- 6	- 9	-18	-27	-29	-34	30
ANNUAL	-15	-19	-21	-27	-33	-35	-38	

**ITHACA
STATION NUMBER 4174**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	39	42	52	63	66	72	31
FEB	37	42	44	53	61	64	68	31
MAR	46	51	54	64	75	77	83	31
APR	65	69	71	78	86	88	92	31
MAY	73	76	78	83	89	91	94	31
JUN	83	85	86	90	93	94	96	31
JUL	83	85	87	91	95	96	98	31
AUG	81	83	85	90	95	97	99	31
SEP	77	80	81	87	93	94	97	31
OCT	68	71	73	79	86	88	91	31
NOV	55	59	61	67	74	76	79	31
DEC	42	46	48	56	63	65	69	31
ANNUAL	86	88	89	92	96	97	99	

**ITHACA
STATION NUMBER 4174**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	11	6	2	- 9	-19	-23	-28	31
FEB	10	4	2	- 8	-18	-21	-26	31
MAR	23	18	15	4	- 7	-10	-15	31
APR	28	25	24	19	14	13	11	31
MAY	34	32	31	28	25	24	22	31
JUN	46	44	42	38	33	31	29	31
JUL	50	48	47	44	41	40	38	31
AUG	48	46	45	40	36	35	33	31
SEP	42	39	38	33	27	26	23	31
OCT	34	31	30	25	19	18	15	31
NOV	29	25	22	14	6	4	- 1	31
DEC	12	8	5	- 3	-10	-13	-17	31
ANNUAL	2	- 2	- 5	-13	-22	-24	-28	

**JAMESTOWN
STATION NUMBER 4207**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	42	44	54	63	66	71	31
FEB	39	44	46	55	64	67	71	30
MAR	48	54	57	67	77	80	85	31
APR	66	70	72	79	85	87	91	31
MAY	76	78	80	84	88	90	92	31
JUN	82	84	86	89	93	94	96	31
JUL	84	86	87	90	93	94	95	30
AUG	81	84	85	89	93	94	96	31
SEP	75	78	80	87	93	95	99	30
OCT	70	73	74	80	86	87	90	30
NOV	56	59	61	68	75	77	80	31
DEC	43	47	49	57	64	67	71	31
ANNUAL	85	87	88	92	95	96	98	

**JAMESTOWN
STATION NUMBER 4207**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	16	10	7	- 4	-14	-18	-23	31
FEB	13	7	4	- 6	-17	-20	-25	30
MAR	22	17	14	5	- 4	- 7	-12	31
APR	30	27	25	19	13	11	8	31
MAY	36	34	33	29	25	24	22	31
JUN	46	44	43	38	34	32	30	31
JUL	52	50	49	44	39	38	36	31
AUG	49	47	45	41	37	36	34	31
SEP	41	38	37	33	29	28	25	30
OCT	37	34	32	26	20	18	15	30
NOV	30	26	23	15	7	4	0	31
DEC	19	14	11	1	- 9	-12	-17	31
ANNUAL	9	4	1	- 9	-19	-22	-28	

**LEWISTON
STATION NUMBER 4715**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	40	43	52	61	63	68	27
FEB	39	43	45	52	59	61	65	27
MAR	46	52	54	64	74	77	82	27
APR	64	67	69	75	82	84	87	26
MAY	74	77	78	83	89	90	93	27
JUN	82	84	85	90	94	96	98	27
JUL	83	86	87	92	96	98	100	27
AUG	80	83	85	91	97	98	102	27
SEP	77	80	82	88	93	95	98	27
OCT	71	73	75	80	85	86	89	27
NOV	56	59	61	67	74	75	79	27
DEC	42	46	49	57	65	67	72	26
ANNUAL	85	88	89	94	99	100	103	

**LEWISTON
STATION NUMBER 4715**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	13	10	8	2	- 5	- 6	-10	27
FEB	14	11	9	3	- 4	- 5	- 9	27
MAR	26	22	19	11	2	0	- 5	27
APR	33	30	29	23	18	17	14	26
MAY	39	37	36	32	29	28	26	27
JUN	49	47	46	41	37	36	34	27
JUL	55	53	52	50	47	46	44	27
AUG	54	52	51	47	44	43	41	26
SEP	48	45	44	39	34	32	30	27
OCT	39	36	35	30	25	24	21	27
NOV	33	29	27	20	14	12	8	27
DEC	18	15	13	7	2	0	- 3	26
ANNUAL	9	6	4	- 1	- 6	- 7	-10	

**LIBERTY
STATION NUMBER 4731**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	32	37	39	48	57	60	64	26
FEB	32	38	40	50	60	62	67	26
MAR	42	47	50	61	71	74	80	26
APR	62	66	68	76	85	87	91	26
MAY	71	74	76	82	88	89	92	26
JUN	77	80	81	86	91	92	95	24
JUL	80	82	84	88	92	94	96	26
AUG	79	81	82	87	91	93	95	26
SEP	74	77	78	84	90	91	94	26
OCT	66	69	71	76	81	82	85	26
NOV	53	56	58	64	71	73	76	26
DEC	38	42	45	52	60	62	67	25
ANNUAL	82	85	86	90	94	95	97	

**LIBERTY
STATION NUMBER 4731**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	7	3	1	- 7	-15	-17	-22	26
FEB	9	4	2	- 7	-16	-19	-23	25
MAR	19	15	13	6	- 2	- 4	- 8	26
APR	29	26	25	19	13	11	8	26
MAY	35	34	33	29	26	25	23	26
JUN	46	44	43	39	35	33	31	24
JUL	52	50	49	45	41	40	38	26
AUG	50	48	46	42	38	37	34	26
SEP	39	37	36	32	28	27	25	26
OCT	34	31	29	23	17	15	12	26
NOV	26	22	20	13	7	5	1	26
DEC	13	9	7	- 1	- 9	-11	-15	25
ANNUAL	2	- 2	- 4	-11	-17	-19	-23	

**LITTLE FALLS
STATION NUMBER 4791**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	31	36	39	48	57	60	64	31
FEB	35	38	40	47	54	56	59	31
MAR	39	45	48	59	70	74	80	30
APR	64	67	69	77	84	86	90	29
MAY	74	76	77	82	87	88	91	30
JUN	83	85	86	89	92	93	95	30
JUL	82	84	86	89	93	94	97	30
AUG	81	83	84	89	93	94	96	31
SEP	76	79	80	85	90	92	94	31
OCT	67	70	72	77	83	84	87	31
NOV	50	55	57	65	72	74	79	31
DEC	35	40	43	52	61	64	69	31
ANNUAL	85	87	88	91	94	95	97	

**LITTLE FALLS
STATION NUMBER 4791**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	5	0	- 3	-12	-21	-24	-29	31
FEB	5	0	- 2	-10	-18	-21	-25	31
MAR	19	14	11	2	- 8	-11	-16	30
APR	30	26	24	17	9	7	3	30
MAY	36	34	33	28	23	22	19	30
JUN	45	43	42	38	34	33	31	29
JUL	52	50	49	45	41	39	37	31
AUG	50	47	46	42	37	36	34	30
SEP	42	39	37	32	27	25	22	31
OCT	35	31	29	23	16	14	11	30
NOV	25	21	19	12	4	2	- 2	31
DEC	8	4	1	- 7	-15	-17	-22	31
ANNUAL	0	- 5	- 7	-15	-23	-25	-29	

**LITTLE VALLEY
STATION NUMBER 4808**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	37	42	44	53	62	65	69	31
FEB	39	43	45	54	62	64	68	31
MAR	47	52	55	64	73	76	80	31
APR	64	68	70	77	84	86	90	31
MAY	74	76	78	83	88	89	92	31
JUN	82	84	85	88	92	93	94	31
JUL	83	85	86	89	92	93	95	30
AUG	81	83	84	88	92	93	95	31
SEP	76	79	80	86	91	92	95	31
OCT	69	72	73	78	83	85	88	31
NOV	55	59	60	67	73	75	79	31
DEC	40	45	47	55	64	66	70	31
ANNUAL	85	87	88	91	94	94	96	

**LITTLE VALLEY
STATION NUMBER 4808**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	11	5	2	- 9	-20	-23	-28	31
FEB	9	3	0	-10	-20	-23	-28	31
MAR	17	12	9	- 1	-11	-14	-19	31
APR	26	23	21	15	8	6	3	31
MAY	33	31	30	27	23	22	20	31
JUN	43	40	39	35	31	30	28	31
JUL	48	47	45	42	38	37	35	30
AUG	47	45	44	39	35	34	31	31
SEP	41	38	37	32	27	25	23	31
OCT	34	31	29	23	17	16	13	31
NOV	28	24	21	12	3	1	- 4	31
DEC	12	8	5	- 4	-14	-16	-21	31
ANNUAL	1	- 4	- 6	-14	-23	-25	-30	

**LOCKPORT
STATION NUMBER 4844**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	40	43	53	63	66	71	31
FEB	39	43	46	53	61	63	68	31
MAR	47	53	55	66	76	79	84	30
APR	64	68	70	77	84	86	89	31
MAY	75	77	79	83	87	89	91	30
JUN	83	85	86	90	93	94	96	31
JUL	84	86	87	91	94	95	97	31
AUG	82	85	86	90	95	96	99	30
SEP	78	81	82	88	93	94	97	30
OCT	71	74	75	80	86	87	90	31
NOV	56	60	62	68	75	77	81	30
DEC	41	46	49	57	66	68	73	31
ANNUAL	86	88	89	93	96	97	99	

**LOCKPORT
STATION NUMBER 4844**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	12	7	5	- 2	-10	-12	-16	31
FEB	11	8	6	- 1	- 7	- 9	-13	31
MAR	22	18	16	8	- 1	- 3	- 7	30
APR	31	28	27	21	15	13	10	31
MAY	38	36	35	30	26	25	23	30
JUN	49	46	45	40	36	34	32	31
JUL	54	52	51	48	45	44	42	31
AUG	52	50	49	45	41	40	38	30
SEP	45	42	41	36	31	30	27	30
OCT	37	34	33	27	22	20	17	31
NOV	30	26	24	17	9	7	3	30
DEC	15	11	10	3	- 4	- 5	- 9	31
ANNUAL	8	4	2	- 5	-12	-14	-17	

LOWVILLE
STATION NUMBER 4912

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	31	36	38	47	55	58	62	20
FEB	38	40	42	47	52	54	56	20
MAR	39	45	48	58	68	71	76	21
APR	59	64	66	75	84	86	91	21
MAY	73	76	77	83	88	89	92	21
JUN	83	85	86	89	92	93	95	21
JUL	83	85	86	89	92	93	95	21
AUG	81	83	84	88	92	93	95	20
SEP	75	78	80	85	90	91	94	19
OCT	70	72	73	77	81	82	85	20
NOV	52	56	58	64	71	73	76	20
DEC	37	41	43	51	59	61	65	20
ANNUAL	85	87	88	91	94	94	96	

LOWVILLE
STATION NUMBER 4912

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 6	-10	-12	-20	-27	-29	-33	20
FEB	0	- 4	- 7	-14	-22	-25	-29	21
MAR	12	8	6	- 2	-10	-12	-16	21
APR	27	24	22	16	10	8	4	21
MAY	36	33	32	27	23	21	19	21
JUN	44	42	41	37	33	32	29	21
JUL	48	47	46	43	40	40	38	21
AUG	46	44	43	40	36	35	33	20
SEP	39	36	35	30	25	23	20	19
OCT	30	27	26	21	17	15	13	20
NOV	31	25	22	9	- 3	- 6	-13	20
DEC	0	- 4	- 7	-15	-22	-25	-29	20
ANNUAL	- 8	-12	-14	-21	-28	-30	-34	

MASSENA
STATION NUMBER 5134

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	38	40	49	59	61	66	28
FEB	32	36	38	46	53	56	60	27
MAR	39	44	47	57	67	70	76	28
APR	59	64	66	74	83	85	89	28
MAY	73	77	78	84	90	92	95	28
JUN	81	84	85	89	94	95	97	28
JUL	84	86	87	91	95	96	98	28
AUG	81	83	85	89	94	95	98	28
SEP	76	78	80	85	90	92	95	28
OCT	69	71	73	78	83	84	87	28
NOV	50	54	56	64	72	74	79	28
DEC	34	39	42	52	62	65	70	28
ANNUAL	85	87	88	92	96	97	99	

MASSENA
STATION NUMBER 5134

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 1	- 7	-11	-22	-34	-37	-44	28
FEB	- 1	- 7	-10	-20	-31	-34	-39	27
MAR	18	12	9	- 3	-14	-17	-23	28
APR	30	26	24	18	11	9	5	28
MAY	38	35	34	29	24	23	20	28
JUN	47	45	44	39	35	34	32	28
JUL	52	50	49	45	41	40	38	28
AUG	48	46	45	41	37	36	34	28
SEP	40	37	36	31	26	24	22	28
OCT	30	27	26	21	17	15	13	28
NOV	25	20	17	8	- 1	- 4	- 9	28
DEC	6	0	- 3	-14	-26	-29	-35	28
ANNUAL	- 9	-14	-17	-27	-37	-39	-45	

**MIDDLETOWN
STATION NUMBER 5310**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	38	42	45	53	61	64	68	20
FEB	42	45	47	54	60	62	65	22
MAR	50	54	57	65	74	76	81	22
APR	65	70	72	80	88	90	94	22
MAY	75	78	79	85	91	92	95	22
JUN	83	85	86	90	94	95	97	22
JUL	85	87	88	92	95	96	98	22
AUG	84	86	87	90	94	95	97	22
SEP	78	80	82	87	92	93	96	21
OCT	71	74	75	80	85	86	89	22
NOV	55	58	60	67	73	75	79	22
DEC	46	49	50	56	61	63	66	21
ANNUAL	88	89	90	93	96	97	98	

**MIDDLETOWN
STATION NUMBER 5310**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	10	6	4	- 3	-10	-12	-16	21
FEB	16	11	8	- 2	-13	-16	-21	22
MAR	24	19	17	10	2	0	- 4	22
APR	30	28	27	23	19	18	16	22
MAY	41	39	38	34	31	30	28	22
JUN	52	50	49	45	41	40	38	22
JUL	68	63	60	50	40	37	32	21
AUG	57	55	54	49	45	43	41	22
SEP	47	44	43	38	32	31	28	21
OCT	37	35	33	28	22	21	18	22
NOV	29	26	24	18	12	10	7	22
DEC	19	15	12	4	- 4	- 7	-11	22
ANNUAL	6	2	0	- 7	-14	-16	-20	

**MORRISVILLE
STATION NUMBER 5512**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	32	37	39	48	57	60	65	25
FEB	38	41	43	48	54	56	59	26
MAR	41	47	50	60	71	74	80	26
APR	62	66	68	75	82	84	88	26
MAY	72	75	76	82	87	89	91	25
JUN	82	83	84	87	90	91	93	23
JUL	82	84	85	88	92	93	95	25
AUG	80	82	83	87	91	93	95	25
SEP	76	79	80	85	89	90	93	24
OCT	67	70	71	77	83	85	88	25
NOV	55	58	60	66	72	73	77	25
DEC	40	43	46	53	60	62	66	25
ANNUAL	80	83	84	89	94	95	98	

**MORRISVILLE
STATION NUMBER 5512**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	4	- 2	- 5	-15	-25	-28	-33	25
FEB	3	- 2	- 5	-15	-24	-27	-32	26
MAR	21	14	11	- 2	-14	-17	-24	26
APR	30	26	24	17	10	8	4	26
MAY	33	31	30	27	23	22	20	25
JUN	44	41	40	36	31	30	28	23
JUL	50	48	47	43	38	37	35	25
AUG	46	44	43	38	34	33	30	24
SEP	40	37	35	30	25	24	21	24
OCT	31	29	27	22	17	16	13	25
NOV	23	19	17	10	3	1	- 3	25
DEC	10	4	2	- 8	-18	-20	-26	25
ANNUAL	- 4	- 9	-11	-19	-27	-30	-34	

NAPLES
STATION NUMBER 5635

MAXIMUM TEMPERATURE EXPECTED IN P YEARS OUT OF 100								NO. YEARS
P=	99	95	90	50	10	5	1	
JAN	38	43	46	57	67	70	76	7
FEB	42	47	49	57	65	68	72	7
MAR	45	50	53	63	73	76	81	7
APR	66	70	73	81	89	91	96	7
MAY	73	77	79	86	93	95	98	6
JUN	86	87	88	90	92	92	93	7
JUL	87	88	89	91	93	94	95	7
AUG	84	86	87	91	95	96	97	7
SEP	78	81	82	87	93	94	97	7
OCT	71	73	74	79	84	85	88	7
NOV	53	58	60	69	78	80	85	7
DEC	49	52	53	59	64	66	69	7
ANNUAL	87	88	89	92	95	96	97	

NAPLES
STATION NUMBER 5635

MINIMUM TEMPERATURE EXPECTED IN P YEARS OUT OF 100								NO. YEARS
P=	99	95	90	50	10	5	1	
JAN	6	3	1	- 6	-12	-14	-18	7
FEB	- 1	- 3	- 3	- 6	- 9	- 9	-11	7
MAR	20	16	14	8	2	0	- 4	7
APR	26	23	22	17	12	10	8	7
MAY	39	37	36	31	27	26	23	7
JUN	47	45	43	39	35	33	31	7
JUL	51	50	49	47	45	44	43	7
AUG	54	51	49	43	37	35	32	7
SEP	41	39	38	34	30	29	27	7
OCT	41	37	34	25	16	13	8	7
NOV	29	25	23	15	7	4	0	7
DEC	21	16	13	2	- 8	-11	-16	7
ANNUAL	- 1	- 4	- 5	- 8	-12	-13	-15	

NEW YORK CENTRAL PARK
STATION NUMBER 5801

MAXIMUM TEMPERATURE EXPECTED IN P YEARS OUT OF 100								NO. YEARS
P=	99	95	90	50	10	5	1	
JAN	42	46	49	57	66	68	73	31
FEB	42	47	49	59	68	70	75	31
MAR	55	59	61	69	76	78	82	31
APR	69	73	75	82	89	91	94	31
MAY	76	79	81	88	94	96	100	31
JUN	85	87	89	94	99	100	103	31
JUL	87	89	91	95	100	102	104	31
AUG	85	87	89	93	98	100	102	31
SEP	80	83	85	90	95	97	99	31
OCT	73	76	77	82	87	88	91	31
NOV	57	61	63	71	78	80	84	31
DEC	51	54	56	61	66	68	71	31
ANNUAL	90	92	93	97	101	103	105	

NEW YORK CENTRAL PARK
STATION NUMBER 5801

MINIMUM TEMPERATURE EXPECTED IN P YEARS OUT OF 100								NO. YEARS
P=	99	95	90	50	10	5	1	
JAN	23	19	17	9	2	- 1	- 5	31
FEB	23	19	17	9	2	0	- 4	31
MAR	32	29	27	20	13	11	7	31
APR	40	37	36	31	27	25	23	31
MAY	49	47	46	42	38	36	34	31
JUN	59	57	56	52	49	48	46	31
JUL	66	64	63	60	57	56	54	31
AUG	64	62	61	57	53	52	50	31
SEP	55	53	51	47	42	40	38	31
OCT	46	44	42	37	31	30	27	31
NOV	38	35	33	26	20	18	14	31
DEC	26	22	20	14	8	6	2	31
ANNUAL	18	14	12	6	- 1	- 2	- 6	

**NORWICH
STATION NUMBER 6085**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	39	41	51	60	63	68	31
FEB	38	42	44	51	59	61	65	31
MAR	45	51	54	64	74	77	82	30
APR	65	69	71	78	85	88	91	31
MAY	74	77	78	83	88	90	93	31
JUN	82	84	85	89	93	94	96	31
JUL	83	85	86	90	94	95	97	31
AUG	81	83	85	90	95	96	99	31
SEP	77	79	81	87	92	94	97	31
OCT	69	72	73	79	84	86	89	31
NOV	54	58	60	66	73	75	78	30
DEC	42	46	48	55	62	64	68	31
ANNUAL	85	87	88	92	96	97	99	

**NORWICH
STATION NUMBER 6085**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	9	3	- 1	-13	-25	-28	-34	31
FEB	5	0	- 3	-13	-23	-26	-31	31
MAR	19	13	10	- 1	-12	-15	-21	30
APR	25	23	21	16	11	10	7	31
MAY	33	30	29	25	21	20	18	31
JUN	43	41	39	35	31	29	27	31
JUL	49	47	45	41	37	36	34	31
AUG	44	43	42	38	35	34	32	31
SEP	40	37	35	29	24	22	19	31
OCT	31	28	26	20	14	13	9	31
NOV	24	20	18	11	4	2	- 2	30
DEC	10	5	2	- 7	-17	-20	-25	31
ANNUAL	- 1	- 6	- 9	-18	-27	-30	-34	

**OGDENSBURG
STATION NUMBER 6164**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	32	37	40	49	58	61	65	31
FEB	34	38	40	46	53	55	59	31
MAR	38	44	47	58	68	71	77	31
APR	57	62	64	73	81	83	88	31
MAY	71	74	75	81	87	88	91	31
JUN	82	84	85	88	91	92	94	30
JUL	82	84	86	90	94	95	98	30
AUG	80	83	84	89	94	96	99	30
SEP	76	78	80	84	88	90	92	28
OCT	68	71	72	76	80	81	84	31
NOV	51	55	57	64	71	73	77	31
DEC	37	41	44	52	60	62	66	31
ANNUAL	84	86	87	91	96	97	99	

**OGDENSBURG
STATION NUMBER 6164**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 2	- 6	- 9	-17	-26	-28	-32	31
FEB	2	- 3	- 6	-15	-25	-28	-33	31
MAR	21	15	12	1	-10	-13	-19	31
APR	33	28	26	18	10	8	3	30
MAY	37	35	34	30	26	25	23	31
JUN	50	47	46	40	35	34	31	30
JUL	55	52	51	47	43	41	39	28
AUG	52	49	48	43	39	37	35	30
SEP	44	41	39	34	28	26	23	29
OCT	34	31	30	24	19	17	14	30
NOV	30	25	21	11	0	- 3	- 9	31
DEC	9	3	0	-10	-21	-24	-30	30
ANNUAL	- 5	-10	-12	-20	-29	-31	-36	

**OLD FORGE
STATION NUMBER 6184**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	32	37	39	46	54	56	60	26
FEB	33	37	39	47	55	57	61	26
MAR	42	47	49	57	65	67	71	23
APR	54	59	62	72	81	84	89	24
MAY	72	75	76	82	87	89	91	25
JUN	79	81	82	86	89	90	92	26
JUL	79	81	82	86	90	91	93	26
AUG	76	79	80	85	89	91	93	27
SEP	71	74	76	82	88	89	92	27
OCT	66	69	70	75	80	81	84	27
NOV	49	53	55	62	69	71	74	28
DEC	36	40	42	49	57	59	63	25
ANNUAL	79	81	82	87	92	93	96	

**OLD FORGE
STATION NUMBER 6184**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	- 8	-13	-16	-27	-37	-40	-45	26
FEB	-10	-15	-17	-27	-36	-39	-44	26
MAR	5	0	- 3	-13	-23	-26	-32	24
APR	25	19	16	6	- 5	- 8	-14	24
MAY	31	29	28	23	18	17	14	25
JUN	39	37	36	31	27	25	23	26
JUL	43	41	41	38	35	34	33	25
AUG	44	41	40	35	31	29	27	27
SEP	37	34	33	27	21	19	16	27
OCT	32	27	25	17	8	6	1	26
NOV	19	14	11	2	- 7	-10	-15	28
DEC	- 4	- 9	-12	-21	-31	-33	-39	25
ANNUAL	-15	-20	-22	-30	-39	-41	-46	

**OSWEGO
STATION NUMBER 6314**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	30	36	40	51	62	65	71	31
FEB	35	39	41	50	58	61	65	31
MAR	41	47	50	61	73	76	82	31
APR	61	65	67	75	84	86	90	31
MAY	73	76	77	82	87	88	91	31
JUN	82	84	85	89	93	94	96	31
JUL	83	85	86	89	93	94	95	30
AUG	81	84	85	89	93	94	97	30
SEP	76	79	81	86	92	93	96	31
OCT	68	71	73	78	84	85	88	31
NOV	53	57	59	67	74	76	80	31
DEC	40	44	46	55	63	66	70	31
ANNUAL	85	87	88	91	95	96	98	

**OSWEGO
STATION NUMBER 6314**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	11	7	4	- 4	-13	-15	-20	31
FEB	12	8	6	- 2	- 9	-11	-15	31
MAR	27	22	19	10	0	- 2	- 7	31
APR	36	33	31	24	18	16	13	31
MAY	41	39	38	34	30	29	27	31
JUN	50	48	47	43	40	39	37	31
JUL	60	57	56	52	47	46	44	31
AUG	56	54	53	49	45	44	42	31
SEP	50	47	46	40	34	32	29	31
OCT	40	37	36	31	26	25	23	31
NOV	33	29	27	20	13	11	7	31
DEC	17	13	11	3	- 4	- 6	-10	31
ANNUAL	6	2	0	- 7	-14	-16	-20	

**PATCHOGUE
STATION NUMBER 6441**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	42	46	48	54	61	62	66	29
FEB	42	46	48	54	60	62	65	30
MAR	48	52	54	62	69	71	75	30
APR	64	68	70	77	83	85	89	28
MAY	70	74	76	82	88	90	93	29
JUN	80	83	85	90	95	97	100	29
JUL	84	86	87	92	96	97	100	29
AUG	80	83	85	91	97	99	102	29
SEP	77	80	81	86	91	93	95	29
OCT	71	73	74	79	83	85	87	29
NOV	57	60	62	67	73	74	77	29
DEC	48	51	53	58	64	65	68	30
ANNUAL	78	82	85	93	101	104	108	

**PATCHOGUE
STATION NUMBER 6441**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	20	15	13	4	- 6	- 8	-13	29
FEB	20	15	13	4	- 5	- 7	-12	30
MAR	27	22	20	13	5	3	- 2	30
APR	35	32	30	24	18	16	13	29
MAY	41	39	38	34	30	29	27	29
JUN	52	49	48	43	38	37	35	29
JUL	58	56	55	51	47	46	44	29
AUG	58	55	54	49	44	43	40	29
SEP	44	42	41	37	34	33	31	29
OCT	38	35	34	28	23	21	18	29
NOV	29	26	25	20	15	14	12	29
DEC	19	16	14	8	2	0	- 4	29
ANNUAL	13	9	7	0	- 7	- 9	-12	

**PENN YAN
STATION NUMBER 6510**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	40	43	52	62	64	69	29
FEB	40	44	46	53	61	63	67	30
MAR	46	52	54	65	75	77	83	30
APR	65	69	71	79	87	90	94	30
MAY	72	76	78	85	92	94	98	30
JUN	86	87	89	92	96	97	99	29
JUL	80	88	89	93	97	98	101	31
AUG	83	86	87	92	97	99	102	31
SEP	78	81	83	89	94	96	99	30
OCT	70	73	75	81	87	89	92	29
NOV	56	59	61	68	75	77	81	30
DEC	42	46	49	57	65	67	71	30
ANNUAL	88	90	91	95	99	100	102	

**PENN YAN
STATION NUMBER 6510**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	15	10	7	- 2	-10	-13	-18	27
FEB	14	9	7	- 2	-11	-13	-18	27
MAR	23	18	16	7	- 1	- 4	- 8	30
APR	33	29	28	22	16	14	11	31
MAY	40	38	37	32	28	26	24	29
JUN	50	48	46	42	38	37	35	30
JUL	56	54	53	49	46	45	43	30
AUG	54	52	51	47	42	41	39	30
SEP	46	43	42	37	32	31	29	30
OCT	37	34	33	29	25	23	21	27
NOV	32	28	25	18	10	7	3	29
DEC	17	13	11	5	- 2	- 4	- 7	29
ANNUAL	10	6	3	- 5	-12	-15	-19	

**PLATTSBURG
STATION NUMBER 6659**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	35	38	41	48	55	57	61	31
FEB	35	39	40	47	53	55	58	31
MAR	37	43	47	59	71	75	81	31
APR	58	63	66	75	84	86	91	31
MAY	72	76	77	84	90	92	95	31
JUN	84	86	87	91	95	96	98	31
JUL	84	86	88	92	97	98	100	31
AUG	81	84	85	91	97	98	101	31
SEP	75	78	80	86	92	94	97	31
OCT	64	68	70	77	84	86	90	31
NOV	50	54	56	63	70	72	76	31
DEC	38	42	44	52	59	61	65	31
ANNUAL	87	89	90	94	98	99	102	

**PLATTSBURG
STATION NUMBER 6659**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	2	- 2	- 5	-13	-22	-24	-29	31
FEB	5	0	- 3	-12	-21	-24	-28	31
MAR	20	15	12	2	- 8	-11	-17	31
APR	31	28	26	20	14	12	8	31
MAY	37	36	34	31	27	26	24	31
JUN	47	46	45	42	38	38	36	31
JUL	56	54	53	48	44	43	40	31
AUG	52	50	49	45	42	41	38	31
SEP	42	40	39	34	30	29	27	31
OCT	32	30	29	24	20	19	17	31
NOV	25	22	20	13	6	4	0	31
DEC	9	4	2	- 7	-16	-18	-23	31
ANNUAL	- 2	- 7	- 9	-17	-24	-27	-31	

**PORT JERVIS
STATION NUMBER 6774**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	37	41	44	53	62	65	69	30
FEB	37	43	45	55	65	68	73	30
MAR	51	56	59	69	78	81	86	29
APR	70	74	76	83	90	92	96	29
MAY	78	81	83	88	94	95	98	30
JUN	85	87	88	93	98	99	102	30
JUL	86	89	90	95	100	101	104	30
AUG	82	85	87	93	98	100	103	30
SEP	77	80	82	88	95	96	100	30
OCT	68	71	73	80	87	89	92	30
NOV	54	58	60	68	76	79	83	30
DEC	46	49	51	58	64	66	69	30
ANNUAL	80	85	87	96	104	107	111	

**PORT JERVIS
STATION NUMBER 6774**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	16	11	8	- 3	-13	-16	-22	30
FEB	13	9	6	- 3	-11	-14	-19	30
MAR	25	20	18	9	0	- 2	- 7	29
APR	31	28	26	21	16	15	12	29
MAY	38	36	35	30	26	25	23	29
JUN	47	45	44	40	37	36	34	30
JUL	53	52	51	47	44	43	41	30
AUG	51	49	48	44	40	39	37	30
SEP	45	42	40	34	28	26	23	30
OCT	33	31	29	24	19	18	15	30
NOV	26	23	21	16	10	9	6	30
DEC	19	14	11	2	- 8	-10	-15	30
ANNUAL	6	2	0	- 8	-15	-17	-22	

**POUGHKEEPSIE
STATION NUMBER 6820**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	37	42	45	54	63	66	71	31
FEB	39	44	46	55	64	67	72	31
MAR	51	56	59	68	77	79	84	31
APR	68	72	74	81	88	90	93	31
MAY	76	79	81	87	94	95	99	31
JUN	82	85	87	93	98	100	103	31
JUL	86	89	90	95	99	101	103	31
AUG	84	87	88	93	98	99	102	31
SEP	80	82	84	89	95	96	99	31
OCT	72	74	76	81	86	87	90	31
NOV	55	59	61	68	76	78	81	31
DEC	48	51	53	59	65	67	70	31
ANNUAL	89	91	92	96	100	102	104	

**POUGHKEEPSIE
STATION NUMBER 6820**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	17	10	6	- 6	-19	-22	-29	31
FEB	15	9	6	- 4	-15	-18	-23	31
MAR	28	22	19	7	- 4	- 7	-13	31
APR	31	28	27	22	16	15	12	31
MAY	37	35	34	31	27	26	25	31
JUN	49	47	46	41	37	36	34	31
JUL	54	52	52	48	45	44	43	31
AUG	52	50	49	45	41	40	38	31
SEP	44	41	40	34	28	27	23	31
OCT	33	30	29	24	19	18	15	31
NOV	23	21	20	16	13	11	10	31
DEC	20	14	11	- 1	-12	-16	-22	31
ANNUAL	6	1	- 2	-11	-21	-24	-29	

**RIVERHEAD
STATION NUMBER 7134**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	42	46	48	55	63	65	69	31
FEB	42	46	48	55	62	64	67	31
MAR	52	55	57	64	71	73	76	31
APR	63	67	69	76	84	86	90	31
MAY	72	76	78	84	91	93	96	31
JUN	83	85	87	91	95	97	99	31
JUL	85	87	88	92	96	97	99	31
AUG	81	84	85	90	96	97	100	30
SEP	76	79	81	86	92	93	96	30
OCT	70	73	74	79	84	86	89	30
NOV	58	61	62	68	74	76	79	30
DEC	50	53	55	60	65	66	69	31
ANNUAL	87	89	90	94	97	98	101	

**RIVERHEAD
STATION NUMBER 7134**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	21	18	16	8	1	- 1	- 5	31
FEB	21	17	15	9	2	1	- 3	31
MAR	30	27	25	19	13	11	7	31
APR	36	34	32	28	23	22	19	31
MAY	44	42	41	37	33	32	30	31
JUN	52	51	50	46	43	42	40	31
JUL	60	59	58	54	51	50	49	31
AUG	59	57	56	53	49	48	46	30
SEP	50	48	47	43	39	38	36	30
OCT	41	39	37	33	28	27	24	30
NOV	32	29	28	24	20	19	17	31
DEC	26	22	20	12	4	2	- 2	31
ANNUAL	16	13	11	5	0	- 2	- 5	

**ROCHESTER
STATION NUMBER 7167**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	33	39	42	54	65	68	75	31
FEB	37	42	45	53	62	64	69	31
MAR	46	52	55	67	78	82	88	31
APR	64	68	70	78	87	89	93	31
MAY	76	79	80	85	91	92	95	31
JUN	85	87	88	92	96	97	99	31
JUL	86	88	89	93	96	97	99	31
AUG	84	87	88	92	96	98	100	31
SEP	80	83	84	90	95	97	100	31
OCT	72	75	76	82	87	89	92	31
NOV	57	61	62	69	76	78	81	31
DEC	40	45	48	57	66	69	74	31
ANNUAL	89	90	91	95	98	99	101	

**ROCHESTER
STATION NUMBER 7167**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	12	8	6	- 2	- 9	-12	-16	31
FEB	12	8	6	- 2	- 9	-12	-16	31
MAR	23	18	16	7	- 1	- 3	- 8	31
APR	32	29	28	22	16	15	12	31
MAY	39	37	36	32	28	27	25	31
JUN	50	47	46	42	37	36	34	31
JUL	54	52	52	49	45	45	43	31
AUG	52	50	49	46	42	41	39	31
SEP	45	42	41	37	32	31	29	31
OCT	38	35	34	29	23	22	19	31
NOV	32	28	26	18	10	7	3	31
DEC	15	12	10	3	- 4	- 6	- 9	31
ANNUAL	6	3	1	- 6	-12	-14	-18	

**ROXBURY
STATION NUMBER 7317**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	36	40	43	52	61	64	69	26
FEB	40	44	45	52	59	60	64	27
MAR	47	52	54	64	73	75	80	26
APR	66	69	71	77	83	84	87	25
MAY	74	76	78	83	88	89	92	26
JUN	81	84	85	89	94	95	97	26
JUL	82	85	86	91	95	97	99	27
AUG	80	83	84	89	95	96	99	25
SEP	79	81	82	86	90	92	94	24
OCT	70	73	74	79	84	86	88	23
NOV	56	59	61	67	72	74	77	23
DEC	42	46	48	56	64	66	70	24
ANNUAL	84	87	88	92	97	98	100	

**ROXBURY
STATION NUMBER 7317**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	8	2	- 1	-13	-24	-28	-34	27
FEB	5	0	- 3	-13	-23	-26	-31	27
MAR	17	12	9	- 1	-11	-14	-19	27
APR	26	22	20	14	8	6	3	26
MAY	30	28	27	24	20	19	17	26
JUN	42	40	38	34	29	27	25	26
JUL	47	45	44	39	35	34	32	27
AUG	43	41	40	36	33	32	30	26
SEP	39	36	34	28	21	19	16	26
OCT	27	25	23	18	13	11	8	26
NOV	21	18	16	10	4	3	0	25
DEC	8	3	1	- 8	-17	-20	-24	25
ANNUAL	- 3	- 7	-10	-18	-27	-29	-34	

**SARATOGA SPRINGS
STATION NUMBER 7484**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	38	41	48	56	58	62	27
FEB	36	40	42	49	56	58	62	27
MAR	42	48	51	62	74	77	83	27
APR	62	66	69	77	86	88	93	25
MAY	76	79	80	86	91	93	96	26
JUN	84	86	87	91	95	96	98	27
JUL	85	87	88	92	96	97	99	27
AUG	80	83	85	91	96	98	101	26
SEP	77	80	81	86	92	93	96	27
OCT	67	71	72	79	85	86	90	26
NOV	52	56	58	66	73	75	79	26
DEC	38	42	45	53	60	63	67	26
ANNUAL	86	88	89	94	98	99	102	

**SARATOGA SPRINGS
STATION NUMBER 7484**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	1	- 4	- 7	-16	-26	-29	-34	27
FEB	7	1	- 3	-15	-27	-30	-36	27
MAR	21	15	11	- 1	-13	-16	-23	27
APR	27	24	22	17	11	9	6	25
MAY	34	32	31	28	24	23	22	27
JUN	44	42	41	37	33	32	30	26
JUL	51	49	48	44	40	39	37	26
AUG	49	47	45	41	37	36	34	26
SEP	40	37	36	30	24	23	20	27
OCT	32	29	27	22	16	14	12	26
NOV	23	19	17	10	3	1	- 3	27
DEC	9	4	1	- 9	-19	-22	-27	26
ANNUAL	- 7	-11	-13	-21	-29	-31	-35	

**SETAUKET
STATION NUMBER 7633**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	41	46	48	56	64	66	70	29
FEB	42	46	48	56	64	66	70	29
MAR	53	56	58	65	72	74	78	29
APR	64	68	70	78	85	87	91	31
MAY	72	76	78	84	91	93	96	31
JUN	83	86	87	90	94	95	97	31
JUL	85	87	88	92	95	96	98	31
AUG	82	84	86	90	94	95	97	31
SEP	77	80	81	86	91	92	95	31
OCT	71	73	74	79	83	84	86	31
NOV	58	62	63	69	75	77	80	30
DEC	49	53	54	61	67	68	72	30
ANNUAL	88	89	90	93	96	97	99	

**SETAUKET
STATION NUMBER 7633**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	24	20	17	9	0	- 2	- 7	30
FEB	22	18	16	9	1	- 1	- 5	29
MAR	29	25	23	17	11	9	5	29
APR	39	36	34	28	22	21	18	31
MAY	46	44	42	37	32	31	28	31
JUN	56	53	52	47	42	40	38	31
JUL	62	60	59	55	52	51	49	31
AUG	63	60	59	54	49	47	45	31
SEP	54	51	50	44	39	38	35	31
OCT	44	41	40	35	30	28	25	31
NOV	32	30	29	25	21	20	17	31
DEC	25	21	19	13	6	5	1	30
ANNUAL	18	14	12	6	- 1	- 2	- 6	

**SODUS CENTER
STATION NUMBER 7842**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	32	38	41	52	64	67	73	30
FEB	36	41	43	52	61	63	68	31
MAR	43	49	53	64	76	79	85	30
APR	63	67	70	78	86	88	93	29
MAY	75	78	80	85	90	92	94	28
JUN	86	87	88	92	95	96	98	29
JUL	86	88	89	93	96	97	99	31
AUG	83	86	87	91	96	97	99	29
SEP	80	82	84	89	94	95	98	27
OCT	70	74	75	81	87	88	91	29
NOV	55	59	61	68	75	77	80	30
DEC	40	45	47	56	65	67	72	30
ANNUAL	88	90	91	94	97	98	100	

**SODUS CENTER
STATION NUMBER 7842**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	15	9	6	- 5	-16	-19	-25	29
FEB	14	9	7	- 2	-12	-14	-19	31
MAR	25	20	17	8	- 1	- 4	- 9	30
APR	31	29	27	23	18	16	14	29
MAY	40	37	36	31	27	25	23	24
JUN	48	46	44	40	35	34	32	26
JUL	55	53	52	48	44	43	40	31
AUG	52	50	49	45	40	39	37	28
SEP	46	43	41	35	29	28	25	28
OCT	36	33	32	28	23	22	20	30
NOV	33	28	26	19	11	9	5	29
DEC	19	14	12	2	- 7	-10	-14	28
ANNUAL	11	6	3	- 8	-19	-22	-27	

**SYRACUSE
STATION NUMBER 8383**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	40	43	54	65	68	73	31
FEB	36	41	44	53	62	65	70	31
MAR	47	52	55	65	75	78	83	31
APR	66	70	72	79	86	88	92	31
MAY	74	77	79	85	91	92	95	31
JUN	86	87	88	92	95	96	98	31
JUL	85	87	89	92	96	97	99	31
AUG	83	85	87	91	96	97	100	31
SEP	79	81	83	88	93	95	97	31
OCT	70	73	75	80	86	87	90	31
NOV	56	59	61	68	75	77	81	31
DEC	43	47	50	58	66	69	73	31
ANNUAL	87	89	90	94	98	99	101	

**SYRACUSE
STATION NUMBER 8383**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	11	5	3	- 7	-17	-20	-25	31
FEB	13	7	4	- 6	-16	-19	-24	31
MAR	26	20	17	7	- 4	- 7	-13	31
APR	33	29	28	22	16	14	11	31
MAY	40	38	37	32	28	27	25	31
JUN	49	47	46	42	38	37	35	31
JUL	56	54	53	49	46	45	43	31
AUG	52	50	49	46	43	42	40	31
SEP	48	45	43	37	31	29	26	31
OCT	36	34	32	28	23	22	19	31
NOV	31	27	25	17	9	7	3	31
DEC	15	10	8	- 1	-10	-12	-17	31
ANNUAL	6	1	- 2	-11	-21	-24	-29	

**UTICA
STATION NUMBER 8737**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	32	37	40	50	59	62	67	31
FEB	33	38	40	49	57	59	64	30
MAR	41	47	50	62	73	76	83	31
APR	62	67	69	77	85	87	91	30
MAY	74	77	79	84	89	91	94	31
JUN	83	86	87	91	96	97	99	31
JUL	84	86	87	91	96	97	99	31
AUG	81	84	85	90	95	97	99	31
SEP	77	80	82	87	93	94	97	31
OCT	68	71	73	79	84	86	89	31
NOV	51	55	58	66	74	76	81	31
DEC	35	41	43	53	63	66	71	31
ANNUAL	86	88	89	93	97	99	101	

**UTICA
STATION NUMBER 8737**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	8	3	0	-10	-19	-22	-27	31
FEB	9	4	1	-9	-18	-21	-26	31
MAR	28	21	17	4	-9	-13	-19	31
APR	33	30	28	21	14	12	8	30
MAY	41	38	36	30	24	23	20	31
JUN	48	46	45	41	37	36	34	31
JUL	54	52	51	48	45	44	42	31
AUG	52	50	49	45	41	40	38	31
SEP	46	43	41	35	29	28	25	31
OCT	37	34	32	26	20	18	15	31
NOV	29	25	23	14	6	4	0	31
DEC	12	7	5	-4	-13	-16	-20	31
ANNUAL	3	-2	-4	-13	-22	-25	-30	

**WANAKENA
STATION NUMBER 8944**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	32	37	39	48	56	58	63	30
FEB	37	40	42	48	54	56	59	31
MAR	41	46	49	58	67	70	74	31
APR	57	62	64	73	81	83	88	30
MAY	73	76	77	82	86	88	90	31
JUN	80	81	82	86	90	91	93	31
JUL	79	81	82	86	90	91	93	31
AUG	78	80	81	86	90	91	93	31
SEP	73	76	77	82	87	88	91	31
OCT	58	70	71	76	80	81	84	31
NOV	50	54	56	63	70	72	76	31
DEC	38	42	44	51	57	59	63	31
ANNUAL	82	84	85	88	92	93	95	

**WANAKENA
STATION NUMBER 8944**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P	99	95	90	50	10	5	1	NO. YEARS
JAN	-10	-15	-18	-27	-36	-39	-43	31
FEB	-7	-13	-16	-26	-37	-40	-45	31
MAR	9	2	-1	-13	-25	-29	-35	31
APR	28	22	19	8	-3	-6	-12	30
MAY	31	29	28	24	20	19	16	31
JUN	40	38	37	33	29	28	25	31
JUL	46	44	43	39	36	35	33	31
AUG	42	40	39	36	32	31	29	31
SEP	36	33	32	28	23	22	19	31
OCT	28	25	24	18	12	11	8	31
NOV	23	17	14	3	-8	-12	-17	31
DEC	-5	-10	-13	-22	-31	-33	-38	31
ANNUAL	-18	-22	-24	-32	-39	-41	-45	

WARSAW
STATION NUMBER 8962

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	41	49	57	59	64	23
FEB	37	41	43	51	58	60	64	21
MAR	41	47	50	61	72	75	81	22
APR	63	67	69	76	83	85	89	22
MAY	72	75	76	81	86	87	90	21
JUN	80	82	83	87	90	91	93	22
JUL	81	82	83	86	90	91	92	21
AUG	79	81	82	86	89	90	92	22
SEP	73	76	78	84	91	92	96	23
OCT	69	71	73	77	81	82	85	23
NOV	55	58	59	65	71	72	75	23
DEC	39	43	46	53	61	63	68	23
ANNUAL	79	82	83	88	93	94	97	

WARSAW
STATION NUMBER 8962

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	7	1	-2	-12	-22	-25	-31	22
FEB	3	-1	-3	-11	-19	-21	-25	23
MAR	15	10	7	-3	-12	-15	-20	20
APR	26	23	21	15	9	8	4	21
MAY	35	32	31	27	23	22	20	21
JUN	44	42	41	36	31	30	28	22
JUL	47	45	44	41	38	38	36	22
AUG	47	45	43	39	34	32	30	21
SEP	38	36	35	31	26	25	23	23
OCT	34	31	29	22	16	14	10	23
NOV	25	21	18	10	1	-1	-6	23
DEC	5	1	-2	-10	-18	-21	-25	23
ANNUAL	-5	-8	-10	-17	-23	-25	-29	

WATERTOWN
STATION NUMBER 9005

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	39	41	51	61	63	68	31
FEB	36	40	42	50	58	60	65	31
MAR	44	49	52	63	73	76	81	31
APR	62	66	68	76	84	86	90	31
MAY	74	77	78	83	87	89	91	31
JUN	82	84	85	88	92	93	95	31
JUL	83	85	86	90	93	94	96	30
AUG	82	84	85	89	93	95	97	31
SEP	77	80	81	86	91	93	96	31
OCT	71	73	74	78	82	83	85	31
NOV	52	56	59	66	74	76	80	31
DEC	41	45	47	55	62	64	68	31
ANNUAL	85	87	88	91	95	96	98	

WATERTOWN
STATION NUMBER 9005

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	2	-3	-6	-17	-28	-31	-36	31
FEB	6	0	-4	-16	-28	-31	-38	31
MAR	21	15	12	1	-11	-14	-20	31
APR	31	28	26	19	13	11	8	31
MAY	38	35	34	29	24	22	20	31
JUN	48	45	43	38	33	31	28	31
JUL	56	53	51	45	39	38	34	31
AUG	52	49	48	42	36	35	32	31
SEP	41	39	37	32	27	25	23	31
OCT	33	30	29	23	17	15	12	31
NOV	27	22	20	11	3	1	-4	31
DEC	7	2	-1	-11	-21	-24	-29	31
ANNUAL	-2	-7	-11	-21	-32	-35	-41	

**WESTFIELD
STATION NUMBER 9189**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	38	43	45	54	63	65	70	30
FEB	40	44	47	55	63	66	70	30
MAR	48	53	56	66	76	79	84	30
APR	66	69	71	76	82	84	87	30
MAY	73	76	77	82	87	88	91	30
JUN	83	84	85	88	91	92	94	30
JUL	83	84	85	89	92	93	95	30
AUG	82	84	85	88	92	93	95	30
SEP	76	79	81	86	91	92	95	30
OCT	69	72	74	79	85	86	89	30
NOV	56	60	61	68	75	77	80	30
DEC	43	47	49	57	65	68	72	30
ANNUAL	86	87	88	91	93	94	96	

**WESTFIELD
STATION NUMBER 9189**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	18	13	11	2	-	- 9	-14	30
FEB	15	10	8	1	- 7	- 9	-14	29
MAR	24	20	17	9	1	- 1	- 5	30
APR	33	30	28	22	16	15	11	30
MAY	40	38	37	33	29	28	26	30
JUN	52	50	48	44	39	38	36	30
JUL	59	57	55	51	48	46	44	30
AUG	57	55	54	50	46	45	43	30
SEP	48	46	45	41	37	36	33	30
OCT	41	39	37	32	27	26	23	30
NOV	34	30	28	20	12	9	5	30
DEC	20	17	15	8	1	- 1	- 5	30
ANNUAL	11	7	5	- 2	- 9	-11	-14	

**WHITEHALL
STATION NUMBER 9389**

**MAXIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	34	38	40	48	55	57	61	30
FEB	36	39	41	48	55	57	60	30
MAR	41	47	50	61	72	75	81	31
APR	61	65	68	77	85	88	93	31
MAY	77	80	81	87	92	94	96	31
JUN	86	88	89	93	97	98	101	31
JUL	86	89	90	94	99	100	102	31
AUG	83	86	88	93	98	100	102	31
SEP	77	80	82	87	93	95	98	31
OCT	67	70	72	77	83	85	88	31
NOV	51	55	57	64	72	74	78	31
DEC	37	41	44	51	59	61	66	31
ANNUAL	89	91	92	96	100	101	103	

**WHITEHALL
STATION NUMBER 9389**

**MINIMUM TEMPERATURE EXPECTED IN
P YEARS OUT OF 100**

P=	99	95	90	50	10	5	1	NO. YEARS
JAN	4	- 2	- 5	-17	-29	-32	-39	30
FEB	4	- 2	- 6	-18	-31	-35	-41	30
MAR	23	16	12	- 2	-15	-19	-26	31
APR	32	29	27	20	14	12	8	31
MAY	38	36	35	31	28	27	25	31
JUN	49	47	45	40	35	34	31	30
JUL	53	51	50	47	44	43	41	31
AUG	52	49	48	44	40	39	37	31
SEP	42	39	38	33	29	28	25	31
OCT	33	30	29	24	20	18	16	31
NOV	28	24	22	15	8	6	2	31
DEC	12	6	3	- 9	-21	-24	-30	31
ANNUAL	- 8	-12	-15	-24	-32	-35	-40	

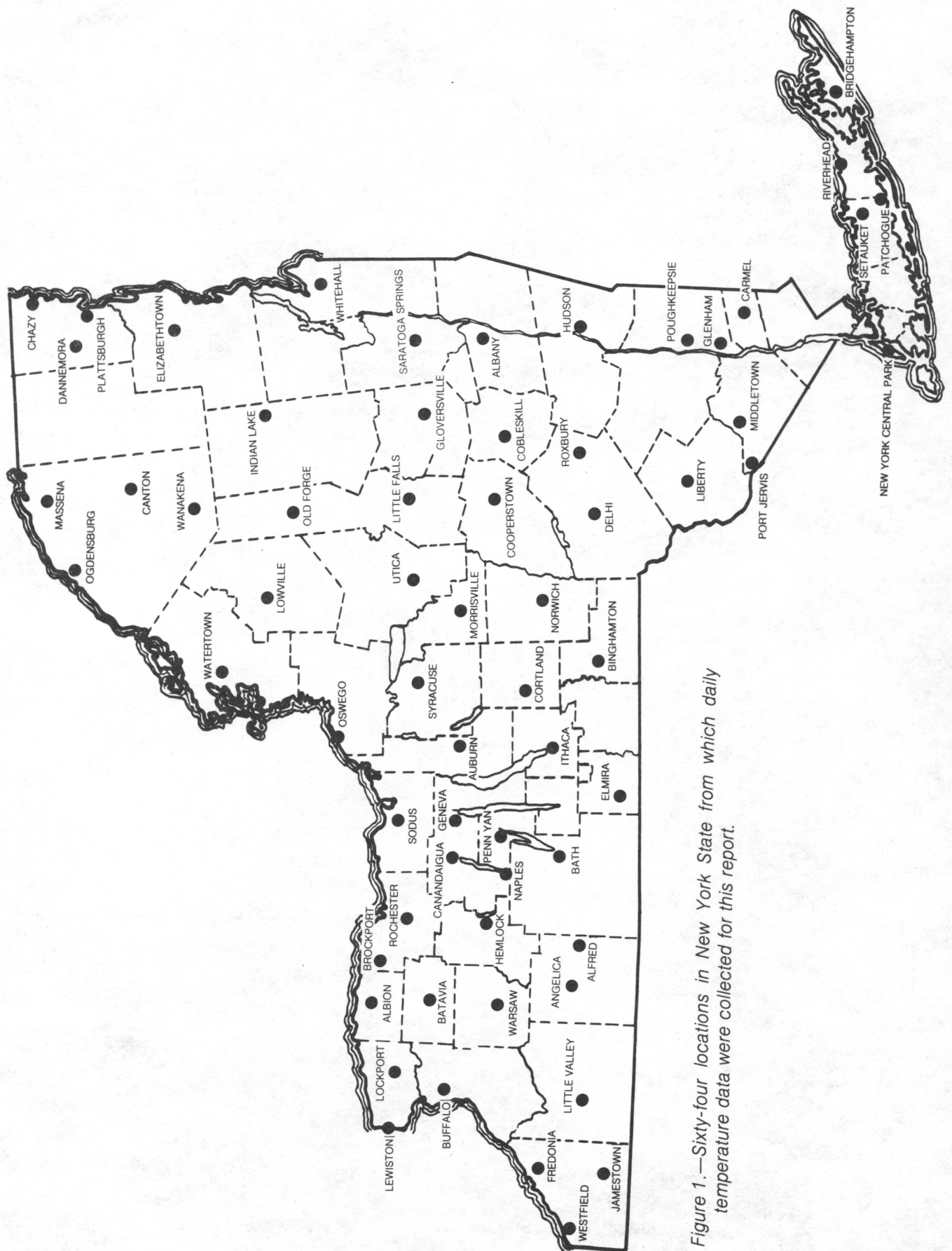


Figure 1.—Sixty-four locations in New York State from which daily temperature data were collected for this report.



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