

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

NEW YORK

MARCH 1962
Volume 74 No. 3



ASHEVILLE: 1962

NEW YORK - MARCH 1962

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 80° on the 30th at 3 stations
 Lowest Temperature: -20° on the 3rd at Salisbury
 Greatest Total Precipitation: 4.33 inches at Scarsdale
 Least Total Precipitation: 0.35 inch at Mount Morris 2 W
 Greatest One-Day Precipitation: 3.57 inches on the 12th at Scarsdale
 Greatest Reported Total Snowfall: 22.1 inches at Saranac Lake
 Greatest Reported Depth of Snow on Ground: 53 inches on the 14+ at Bakers Mills

ATLANTIC STORM OF MARCH 6-8, 1962

A slow moving late winter coastal storm, combined with maximum spring tides, wrought tremendous destruction to coastal installations from southern New England to Florida.

In New York State, from the New York City area eastward along the south shore of Long Island to Montauk Point, tidal and wave action damage was most disastrous and exceeded damage caused by such great hurricanes as Donna in 1955 and the Great New England hurricane of 1938.

A low pressure center formed off the South Carolina coast on March 5th. It intensified and moved northward to a central area about 150 miles off the Delaware-Maryland peninsula where it oscillated during the 6th and 7th. The circulation around the storm grew to such great size that it covered much of the North Atlantic Ocean. The circulation around the extensive disturbance was intensified by a high ridge of pressure which extended from the Maritime Provinces westward through southeastern Canada and southward through the Mississippi Valley.

Beginning early on the 6th, and continuing until the afternoon of the 7th, strong northeast winds buffeted the New York State coastal areas. Winds ranged from 50 to 75 mph (and possibly higher) for an extended period of time. During the worst period of the storm damaging high waters occurred on five successive high tides over a period of 48 hours. On top of these high tides, which ranged from about 4 feet MSL at Montauk to around 7 feet MSL in the New York City area, were waves of 20 to 30 feet. The repeated battering-ram action of the waves took out most of the barrier reef protection offered by the sand dunes and left the coastal houses and other installations open to the undermining action of the waves. In hurricane conditions such action is usually experienced in one surge while in this storm there were at least five tidal surges with unusually high waters between tides. Once the barrier dunes were gone, the water and waves reached further inland and damaged or destroyed installations not formerly touched by storms.

In all probability the greatest damage can be associated with the extensive loss of barrier dunes and beaches which in the past have afforded protection to installations further inland. The replacement of these dunes and beaches, whether by man or nature, will be a tremendous undertaking and until they are replaced many

installations are more exposed to hurricane type storms.

As for additional consequences of this great coastal storm, damage was greatest on the south shores of Richmond, Brooklyn, and Queens Boroughs in New York City, and along the barrier beaches of Nassau and Suffolk County, eastward to Montauk Point. On Long Island's South Shore about 100 houses were swept into the sea, 35 of them on Fire Island alone. Numerous other buildings suffered water damage, and cellars, streets, and highways in waterside areas were flooded. There was also wind damage to utility lines, trees, signs, and windows, but these losses were comparatively minor.

Preliminary and unofficial damage estimates are in the \$10-15 million range. Fortunately, no loss of life or injuries were directly attributable to the storm, although many families were forced to evacuate threatened dwellings.

Tidal Surges for the Battery, March 6-8, 1962

		Time	Height M.S.L.
3/6/62	High Water	0806	7.0
	High Water	2034	7.1
3/7/62	High Water	0857	7.1
	High Water	2125	6.4
3/8/62	High Water	0949	5.8

Tidal Surge for Willets Point

3/6/62	High Water	1101	8.6
		then inoperative until	
3/8/62	High Water	1145	6.6

The first three high waters 3/6/62 - 3/7/62 at the Battery have been exceeded in the past in only three other storms (in addition to the Hurricane of 1821).

The surges for the storms of 11/7/53 produced 7.6 feet M.S.L., the storm of 11/25/50 gave 7.3 feet M. S. L., Donna gave 8.2 feet M.S.L. The last surge of the storm (5.8 feet M.S.L.) on the morning of March 8th was still higher than those produced in the three hurricanes of 1954, Carol, Edna and Hazel, as well as that of Connie in 1955.

Ernest C. Johnson
 Weather Bureau State Climatologist
 Weather Bureau Office
 Albany 1, New York

CLIMATOLOGICAL DATA

NEW YORK
MARCH 1962

CONTINUED

Station	Temperature											Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										90° or Above	80° or Above	70° or Above	60° or Above					Total	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More			
																									Max.	Min.	90° or Above
HEMLOCK	41.2	22.3	31.8	- .4	71	29	- 1	4	3	1023	0	0	4	28	3	+94	- 1.99	+25	13	2.0	3	1	4	4	0	0	0
ITHACA CORNELL UNI	40.9	24.0	32.5		74	30	- 1	3	3	1001	0	0	4	26	3	1.34		+51	13	4.3	2	2	4	4	0	0	0
MOUNT MORRIS 2 W	41.1	23.4	32.3		78	30	- 1	4	3	1009	0	0	5	24	4	+35		+16	12	1.0	2	5	1	1	0	0	0
MT PLEASANT FARM	37.4	23.0	30.2		71	31	- 1	5	2	1071	0	0	7	27	3	1.63		+65	13	6.7	3	14	4	1	0	0	0
PENN YAN 2 SW	43.2	25.4	34.3	.7	70	29	- 1	1	3	946	0	3	24	1	1.21	- 1.59	+57	31	2.0	2	6	4	1	0	0	0	
SYRACUSE WB AIRPORT	43.2	26.0	34.6	2.0	76	29	- 1	1	2	937	0	4	24	0	1.96	- 1.64	+92	12	1.2	3	2	4	1	0	0	0	
WARSAW 5 SW	37.6	21.1	29.4		70	29	- 1	6	4	1097	0	8	29	3	.89		+22	22	4.0	12	4	4	3	0	0	0	
DIVISION			32.5	- .5											1.12	- 1.71			3.4								

SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	01-09	10-49	50-99	1.00-1.99	2.00 and over			Total
ALBANY WB AIRPORT	WNW	29	10.1	34	NW	15	75	74	51	60	6	2	1	2	0	0	11	59	5.7
BINGHAMTON WB AIRPORT	NW	16	11.3	36	SE	11	75	80	61	66	6	6	2	1	1	0	16	59	6.3
BUFFALO WB AIRPORT	WSW	14	10.4	34	SW	29	76	76	65	70	5	10	3	0	0	0	18	50	6.5
NEW YORK CENTRAL PARK WB	NW	19	12.4	51	NE	6	54	59	42	45	7	1	2	0	0	1	11	75	3.5
NEW YORK WB LAGUARDIA	NE	19	17.2	43	NE	6	62	67	51	55	9	0	3	0	1	0	13	-	4.3
ROCHESTER WB AIRPORT	WSW	22	11.4	33	W	17+	80	81	62	71	11	3	2	1	0	0	17	57	6.3
SYRACUSE WB AIRPORT	WNW	15	10.1	36	NW	1	73	74	53	64	4	5	3	1	0	0	13	56	5.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW YORK MARCH 1962

Continued

Table with columns for Station, Day Of Month (1-31), and Average. Rows include stations like MOUNT MORRIS 2 W, MT PLEASANT FARM, NEWCOMB 4 WNW, etc.

See reference notes following Station Index.

DAILY TEMPERATURES

NEW YORK MARCH 1962

Continued

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SPIER FALLS	MAX	38	25	18	28	25	40	35	39	42	40	49	49	41	40	41	43	45	47	43	45	52	46	50	42	53	49	46	50	60	68	73	43.9
	MIN	13	0	-6	4	10	21	26	13	10	12	15	16	31	30	30	35	31	27	21	20	24	28	24	25	28	30	32	30	31	35	39	21.8
STAFFORD	MAX	29	14	17	19	34	32	33	39	37	40	44	50	47	36	34	32	37	41	46	43	44	41	44	45	48	52	51	58	73	71	40	41.0
	MIN	4	-1	-2	4	9	28	23	14	22	19	24	35	33	31	31	29	27	22	28	29	29	33	28	22	23	26	29	32	37	40	33	23.9
STILLWATER RESERVOIR	MAX	38	10	12	15	27	35	34	35	41	39	43	45	36	35	33	32	37	37	36	42	42	48	42	39	42	41	42	46	49	63	61	38.0
	MIN	1	-12	-12	-4	3	12	11	4	3	4	9	15	31	24	23	25	22	10	11	9	17	18	17	16	19	25	25	31	29	40	32	14.7
SUFFERN WATER WORKS	MAX	40	27	26	30	30	36	36	40	44	40	50	48	44	49	46	48	45	48	46	52	53	42	54	52	52	55	57	54	63	74	72	46.9
	MIN	20	0	2	5	9	21	29	20	15	17	22	29	32	28	33	30	29	26	21	27	27	28	27	27	34	28	33	30	28	37	44	24.5
SYRACUSE WB AIRPORT	MAX	24	15	18	23	38	38	40	40	39	45	43	41	42	42	43	42	40	44	49	50	46	46	43	47	47	50	54	58	76	73	42	43.2
	MIN	10	1	2	7	13	28	23	18	22	26	24	33	33	30	33	31	29	26	28	28	36	32	26	27	32	30	30	34	39	42	32	26.0
TROY LOCK AND DAM	MAX	38	22	20	25	25	40	36	39	43	41	46	47	47	40	40	43	41	46	43	45	54	47	52	47	50	51	50	49	53	72	76	44.1
	MIN	17	1	0	3	10	20	26	15	14	17	18	21	33	31	32	35	32	27	27	24	27	29	29	27	26	26	35	30	32	36	43	24.0
TUPPER LAKE SUNMOUNT	MAX	38	12	12	13	25	37	33	36	42	41	46	45	36	35	36	34	36	36	35	40	48	40	43	38	42	41	38	46	50	65	66	38.2
	MIN	1	-10	-11	-1	4	21	13	3	6	7	13	29	29	23	23	24	24	13	15	11	23	28	18	16	25	28	24	24	30	44	32	17.1
UTICA FAA AIRPORT	MAX	22	15	16	21	37	37	40	40	34	42	40	37	42	41	43	42	38	44	44	43	38	51	44	50	51	54	56	54	73	75	40	42.1
	MIN	4	-2	-3	2	14	30	20	17	22	23	26	32	33	33	37	36	27	22	30	28	34	30	25	30	35	35	34	31	36	40	34	25.6
UTICA 2 SE	MAX	35	20	21	26	39	38	49	48	42	52	42	41	39	39	40	39	41	42	48	46	45	51	49	50	52	54	56	60	76	77	53	45.5
	MIN	11	-2	-4	2	11	33	18	11	11	16	21	31	33	30	33	32	31	23	27	26	36	31	28	25	30	24	28	25	32	49	38	23.9
WALTON	MAX	40	18	17	22	28	42	32	38	43	38	47	47	45	39	37	42	37	40	39	45	47	41	50	46	46	48	52	51	58	68	75	42.5
	MIN	12	-3	-4	-2	4	22	25	10	11	14	17	20	34	31	31	30	29	20	22	21	25	28	27	19	21	22	25	21	25	32	38	20.2
WANAKENA RANGER SCHOOL	MAX	31	13	13	26	39	37	37	43	42	46	46	42	34	35	37	39	40	37	40	49	44	38	38	42	41	40	47	50	63	65	50	40.1
	MIN	0	-15	-18	1	10	27	14	2	2	4	8	30	31	24	22	24	21	10	9	8	32	31	10	6	19	23	25	18	27	39	31	15.3
WARSAW 5 SW	MAX	24	12	19	21	31	30	33	40	34	38	42	48	37	33	30	28	33	36	44	38	40	37	40	37	42	47	44	55	70	64	38	37.6
	MIN	3	-6	-6	6	5	25	22	10	20	24	19	33	30	29	27	24	24	18	21	31	26	32	30	20	24	22	28	27	32	36	31	21.1
WATERTOWN	MAX	42	12	9	15	28	38	35	34	38	42	43	50	48	35	37	38	40	41	39	43	50	43	42	35	46	47	47	51	59	72	71	41.0
	MIN	2	-5	-6	4	12	28	18	15	17	17	21	35	33	28	27	30	30	19	23	29	36	34	21	22	25	25	28	27	42	48	36	23.3
WATERTOWN FAA AIRPORT	MAX	19	11	17	20	38	36	36	38	43	40	50	42	35	36	39	39	41	39	43	48	45	44	38	47	50	52	47	51	72	69	38	40.7
	MIN	5	-2	0	6	13	27	10	16	18	17	19	33	30	29	26	29	24	20	21	25	35	24	21	20	27	25	32	30	46	37	30	22.7
WESTFIELD 2 SW	MAX	23	20	22	25	39	33	33	42	35	40	47	50	38	35	32	29	36	40	43	40	38	38	42	41	44	46	47	58	76	63	40	39.8
	MIN	6	3	4	6	14	29	21	25	29	29	31	36	32	30	29	26	25	28	29	35	31	34	31	28	29	29	28	36	51	37	31	26.8
WEST POINT	MAX	37	22	33	26	37	36	42	44	40	49	50	44	48	48	49	45	49	47	52	54	42	52	54	54	58	56	55	65	74	77	66	48.5
	MIN	14	2	3	9	20	31	21	20	18	27	24	31	32	36	35	32	31	29	31	27	32	30	28	28	35	31	36	33	35	44	38	27.2
WHITEHALL	MAX	37	23	21	22	35	37	36	38	42	42	47	47	42	45	47	46	46	45	45	49	50	48	46	51	50	44	48	58	68	75	75	45.3
	MIN	13	-3	-18	8	17	30	18	4	3	9	7	27	30	28	27	36	28	45	17	16	32	25	25	27	34	30	33	29	30	38	36	20.9
WHITE PLAINS AIRPORT	MAX	38	28	20	30	36	36	35	37	39	47	45	46	50	48	49	46	44	46	46	49	51	52	51	53	54	56	55	62	62	67	72	46.8
	MIN	28	8	7	11	23	32	32	27	20	24	26	33	32	33	35	32	33	30	29	32	33	32	33	31	35	34	36	37	36	46	46	29.9

EVAPORATION AND WIND

Station	Day of month																															Total or Avg.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MINEOLA 1 W	EVAP	-	-	-	-	.08	.13	-	-	-	.06	.07	-	.16	.21	.19	.21	.20	.23	.28	.16	.20	.27	.34	.24	.26	.16	.13	.33	.21	.21	-	-
	WIND	198	297	207	294	121	230	361	206	74	112	116	153	132	265	271	260	267	316	158	155	83	183	114	234	252	229	162	132	83	163	197	6025

Mineola 1 W - Anemometer exposure is at non-standard level of 9 feet above the evaporation pan.

DAILY SOIL TEMPERATURES

Station And Depth	Day of month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
GENEVA EXP STATION	8 INCHES	MAX	28	28	29	27	26	27	27	28	28	27	28	28	28	28	28	28	29	29	29	29	29	29	31	34	34	35	37	39	41	43	44	30.8
		MIN	28	28	27	26	26	25	27	28	27	27	28	28	28	28	28	28	28	28	29	29	29	29	29	29	31	31	32	33	35	35	40	42
ITHACA-CORNELL UNI	4 INCHES	MAX	32	32	30	29	30	31	31	31	31	31	32	32	32	32	32	32	32	32	32	32	33	33	32	33	33	36	37	39	42	43	44	33.4
		MIN	32	30	29	29	29	30	30	31	31	31	30	31	31	31	31	31	31	32	32	32	32	32	32	32	32	32	32	32	33	37	40	31.8

Geneva Exp Station - Slope of Ground: Very slight at the exposure, and about 5° towards the east in the immediate area, overall slope in the area is 0 to 3% towards the east. Soil Type: Ovid silt loam. Ground Cover: Sod, blue grass, fescue, white clover; expected to become all blue grass. Instrumentation: Palmer mercury in steel, max and min thermometers.

Ithaca-Cornell Uni - Slope of Ground: North, level for 50 feet, then downslope 10° to 150 feet, then sharp drop of 45°. East, level. South and west, downslope 5°. Soil Type: Loam. Ground Cover: Close cut grass sod (normal lawn cover). Instrumentation: Bendix-Friez liquid sensing elements.

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

NEW YORK
MARCH 1962

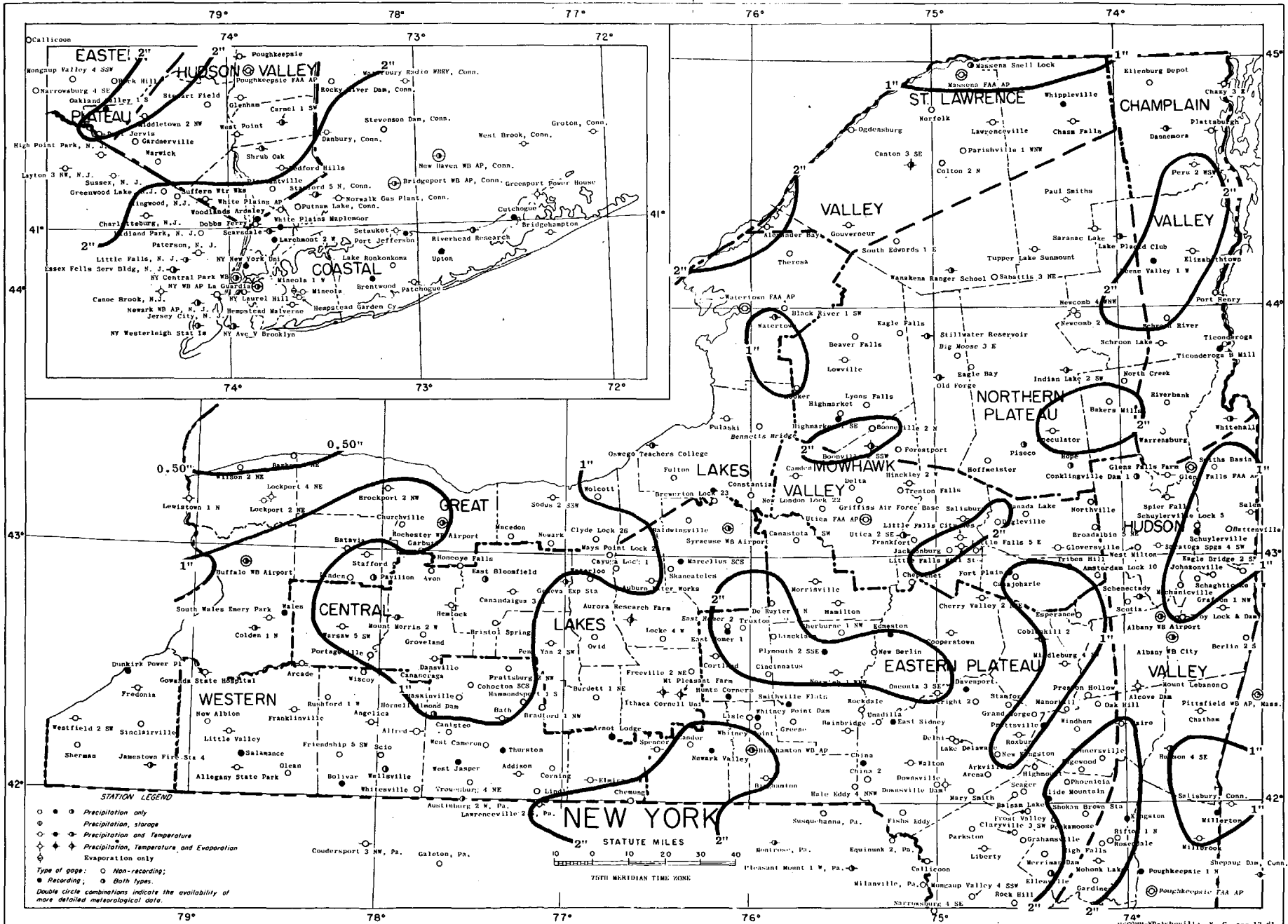
Station	Day of month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALBANY WB AIRPORT	SNOWFALL SN ON GND			.1	.1							2.5	T	.5		T															
ALEXANDRIA BAY	SNOWFALL SN ON GND	4	4	4	4	4	4	4	4	4	3	4.8	T	7	6	5	3	3	2	1	T	T	T	T	T	T	T	T	T	2.9	
ALFRED	SNOWFALL SN ON GND	T	5	5	5	5	2.0	3.0	10	9	8	1.0	9	4	T	3.0	T	6	5	1.0										4.0	
ARCADE	SNOWFALL SN ON GND	5	5	5	5	4	4	4	3	2	1	1		3.0	3	4	.5	1.0												4.0	
AURORA RESEARCH FARM	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T		1.0	2.0	T	.4	.8														
BENNETTS BRIDGE	SNOWFALL SN ON GND	15	15	15	15	15	14	14	13	12	12	11	10	10	10	10	10	10	9	8	5	4	3	3	3	2	2	1	1		
BINGHAMTON WB AIRPORT	SNOWFALL SN ON GND	.2	3	3	3	T	.1	3	2	2	.4	.2	T	.4	.4	.5	T	.3	.3												
BOONVILLE 2 SSW	SNOWFALL SN ON GND	38	38	38	38	37	36	35	35	34	33	32	5.0	1.0	T	T	T	.2												1.0	
BRIDGEHAMPTON	SNOWFALL SN ON GND					T	.1	T			2.1																			2.0	
BUFFALO WB AIRPORT	SNOWFALL SN ON GND	.2	1	1	1	T	T	1	1	1	.4	.1	T	T	.5	.5	.2	.8	T	1										4.0	
CAIRO	SNOWFALL SN ON GND	10	10	10	10	9	9	9	8	8	8	7	5.0	1.1	9	7	6	5	3	1	T	T	T								
CALLICOON	SNOWFALL SN ON GND					T																									
CANTON 3 SE	SNOWFALL SN ON GND	3	3	3	T	3	3	3	3	2	2	T	T	2.3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
CHASM FALLS	SNOWFALL SN ON GND	.5	9	9	.5	T	9	9	8	8	7	7	7	2.1	2.2	9	11	11	10	10	9	8	7	6	5	4	3	3	2	2	1
CHERRY VALLEY 2 NNE	SNOWFALL SN ON GND	30	30	30	30	30	30	29	20	20	18	18	26	28	.5	28	27	27	26	26	18	16	16	14	14	14	12	8	T	T	
COBLESKILL 2	SNOWFALL SN ON GND	T	10	9	9	9	9	9	9	9	9	9	3.0	2.0	T	8	8	8	.5												
COLDEN 1 N	SNOWFALL SN ON GND	.8	9	9	9	8	T	8	7	7	7	.2	5	3	2	.7	3.0	1.0	.7	1.0	6	5	4	4	3	3	2	1	T	T	
CONKINGVILLE DAM 1	SNOWFALL SN ON GND	-	-	-	.3	-	-	-	-	-	-	-	3.8	2.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CORTLAND	SNOWFALL SN ON GND	.3	4	4	4	4	2	2	T	T	T	T	T	.5	1.0	T	T	1.0	1	T											
DANSVILLE	SNOWFALL SN ON GND	5	5	5	5	5	1.0	6	5	3	2	1	T	T	T															2.0	
DOBBS FERRY	SNOWFALL SN ON GND	4	4	4	4	T	.3	3	3	3	2	.2	1	T									.1								
EAGLE FALLS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	.8	-	-	T	.5	-	-	-	-	-	-	-	-	-	-	-	-	
ELIZABETHTOWN	SNOWFALL SN ON GND	15	15	15	T	1.0	.5	16	16	15	14	13	12	11	18	22	19	17	15	14	13	13	11	9	8	7	6	5	5	5	3
FRIENDSHIP 5 SW	SNOWFALL SN ON GND	T	3	3	3	3	T	4.7	8	6	4	T	4	2	2	2	.7	1	1	T	T	T	T	T	T	T	T	T	T		
GLENS FALLS FAA AIRPORT	SNOWFALL SN ON GND	24	20	20	T	.3	18	18	16	14	12	11	10	10	10	8	9	8	7	6	5	3	2	2	2	2	1	T			
GLOVERSVILLE	SNOWFALL SN ON GND	-	-	-	12	-	T	10	9	7	-	-	7	10	12	12	11	-	-	6	6	-	-	-	-	-	-	-	1	T	
GOVERNEUR	SNOWFALL SN ON GND	9	9	9	T	9	8	8	8	7	7	6	T	T	T	3	3	3	3	3	1	T	T	T	T	T	T	T	T	T	
GRAFTON 1 NW	SNOWFALL SN ON GND	10	10	10	T	T	T	9	8	8	8	7	7	T	T	T	7	7	6	6	5	5	5	5	5	5	5	5	5	T	
HEMPSTEAD GARDEN CITY	SNOWFALL SN ON GND					1.2	1				.5																				
HUDSON 4 SE	SNOWFALL SN ON GND	12	12	12	12	11	11	10	9	9	9	8	6	5	3																
ITHACA CORNELL UNIV	SNOWFALL SN ON GND	.5	T	2	2	2	1	1	1	T	T	.3	T	T	1	1	1.0	1	T	1.0											
JAMESTOWN FIRE STA 4	SNOWFALL SN ON GND	.5	2	.2	2	2	2	2	3.0	4	4	3	2	1	T	T															
LEWISTON 1 N	SNOWFALL SN ON GND	2	2	2	2	1	1	1																							
LIBERTY	SNOWFALL SN ON GND	20	-	-	-	-	-	-	-	-	-	.2	-	3.0	18	-	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
LITTLE VALLEY	SNOWFALL SN ON GND	1.0	4	4	4	4	3	3	2.0	5	3	3	1.0	4	3	2	1.0	1.0	T	T	1.0										
LOWVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	1.5	.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	
MASSENA FAA AIRPORT	SNOWFALL SN ON GND	T	5	4	4	4	4	4	3	3	3	3	3	5.0	2.0	T	7	7	6	5	5	4	3	3	2	T	2	2	2	1	
MILLBROOK	SNOWFALL SN ON GND	9	9	9	9	9	8	8	8	7	6	6	6	2	2	1	T	T													

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station	Day of month																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
MORRISVILLE	1.0 8					7	7	5		4	3	1.0 3	T			1.0 2	4	2	1	1	1	T	T										T			
MOUNT MORRIS 2 W	.5 2	2	2	2	2	T	1	1	1	.5 1	T	T	T	T	T	T	T																			
NEWCOMB 4 WNW		28	27	27	.2 28	28	27	26	26	25	24	6.1 30	6.0 36	-	-	-	-	-	32	31	30	28	27	27	27	26	25	23	20	17	-	-	-			
NEW YORK CNTRL PARK WB					T	.2 7			T	T	T											T	T													
NEW YORK WB LA GUARDIA					T	.7 T	T		T	T	T	T					T					T	T													
NORTH CREEK		20	20	20	19	.5 19	19	19	18	18	16	16	2.0 18	10.0 28	T	28	28	25	25	22	19	17	15	14	14	14	14	13	13	10	7	6	5			
NORWICH 1 WNW	.5	5	5	5	5	5	5	5	5	5	T	4	.2 3	.2 1	T	T	T	T	3	T																
ONEONTA 3 SE	T	4	4	4	4	4	4	2	2	T			T	T	T	T	T																			
OSWEGO TEACHERS COLLEGE		4	4	4	4	4	3	2	2	2	2	1	T	T	T	T	T	T	T	T	T															
PLATTSBURGH		7	7	7	1.4 7	2.0 8	7	7	6	6	5	3	2.5 5	7.0 8	.1 5	4	2	2	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	3.0 3		
POUGHKEEPSIE FAA AP		4	4	4	4	4	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1															
PRATTSBURG 2 NW	T	3	3	3	3	3	3	3	3	3	1.0 4	1.0 4	1.0 3	1.0 4	.5 4	T	4	4	4	3	2	2	2	1	1	T	T	T	T	T	T	T	T	3.4		
RIVERHEAD RESEARCH						T	T				2.0			T	T	T	T						.2 T													
ROCHESTER WB AIRPORT	.4 3	T 3	3	3	3	3	2	1	1	1	T	T	T	T	.4 T	.1 T	.1 T																			3.4
ROXBURY		4	4	4	4	4	4	4	4	4	4	3	.7 1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
SALISBURY		20	20	19	19	19	18	18	18	18	18	2.0 20	2.0 21	2.0 20	1.8	1.8	1.5	1.8	1.8	1.8	1.8	18	17	16	15	14	14	14	12	11	9	8	8	8		
SCARSDALE		5	4	4	4	3	1.5 3	3	3	1	1	T		.5 T																						
SHRUB OAK		7	7	7	7	6	6	5	4	2	T	T	1.0 T	T	T	T	T																			
SPECULATOR	T	29	29	29	29	29	29	28	28	28	27	27	8.5 35	4.0 38	36	35	34	34	33	33	31	31	31	30	30	28	26	26	24	22	18	15	14			
STEWART FIELD		-	-	-	-	-	1	2	-	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	
STILLWATER RESERVOIR	T	-	-	T	-	-	-	-	-	-	-	-	1.0 T	6.0 T	2.0 T	1.0 T	.5 T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SYRACUSE WB AIRPORT	T	3	3	2	2	2	1	1	1	T	T	T	T	T	.1 T	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
TUPPER LAKE SUNMOUNT		27	27	27	.3 27	.4 27	23	20	18	17	16	13	11	14	16	T	T	T	14	13	12	11	9	8	7	6	6	T	5	4	3	2	1			
UTICA FAA AIRPORT	T	7	7	6	5	4	4	4	3	2	2	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
WALTON	.5	4	4	4	4	4	4	4	4	3	3	2	3	T	1.5	T	.7	T	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
WARWICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WATERTOWN FAA AIRPORT		3	3	3	3	3	3	3	2	1	1	1	1	-	T	T																			4.9	
WESTFIELD 2 SW	.1	1	1	T	T	T	T	T	T	T	T		.5	.5	.2	.1	1.2		T															6.1 4		
WEST MILTON	-	-	-	T	T	18	-	-	-	-	-	3.0 17	1.0	1.0	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

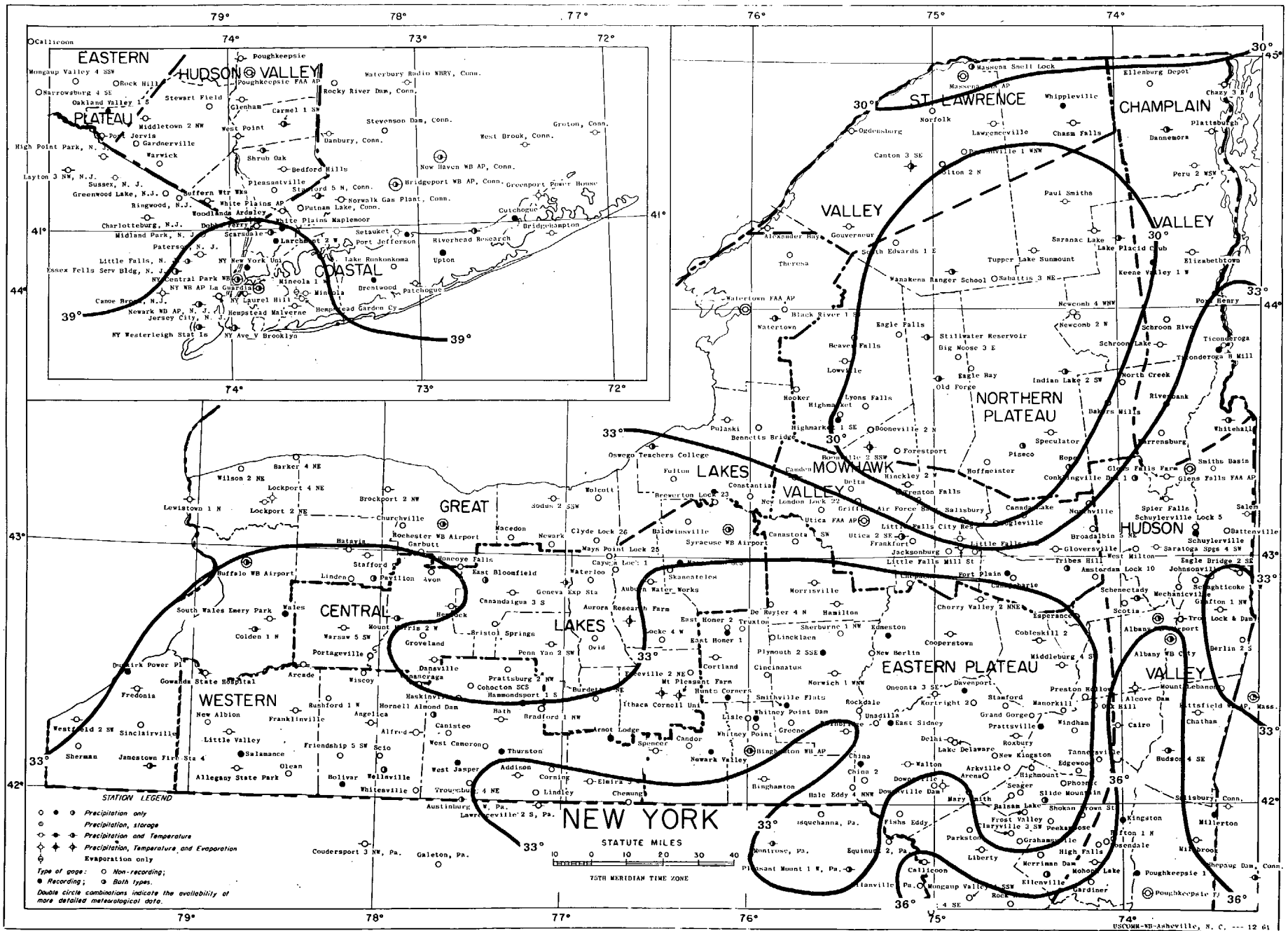
See reference notes following Station Index.



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

TOTAL PRECIPITATION

NEW YORK
MARCH 1962



AVERAGE TEMPERATURE

NEW YORK
MARCH 1962

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

REFERENCE NOTES

Additional information regarding the climate of New York may be obtained by writing to the State Climatologist at Weather Bureau Office, Albany 1, New York, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in Climatological Data Table, and on the maps, became effective with data for January 1891.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes" Table; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letter C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 65 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.