

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

A SUMMARY OF PEAK STAGES AND
DISCHARGES IN NEW YORK FOR THE
FLOOD OF JUNE 1972

by

Kenneth I. Darmer

Prepared by
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Open-file report

Albany, New York

1972

CONTENTS

	Page
Text.....	1

ILLUSTRATIONS

Figure 1. Map showing precipitation in southeastern New York, June 18-19, 1972.....	2
2. Map showing location of flood-measurement sites in Westchester County, New York, June 1972.....	3
3. Map showing precipitation in New York, June 20-25, 1972.	4
4. Map showing location of flood-measurement sites in central and western New York, June 1972.....Facing	4

TABLES

Table 1. Summary of peak stages and discharges in Westchester County, New York, for the flood of June 1972.....	5
2. Summary of selected peak stages and discharges in central and western New York for the flood of June 1972.....	6

A SUMMARY OF PEAK STAGES AND
DISCHARGES IN NEW YORK FOR THE
FLOOD OF JUNE 1972

by

Kenneth I. Darmer

Intense rainfall associated with Tropical Storm Agnes in late June 1972 resulted in the greatest flood disaster in the history of New York State. Flooding began in Westchester County on June 19 and was followed by widespread flooding in the Southern Tier and the Finger Lakes region on June 23.

The purpose of this report is to make available preliminary peak stage and discharge data for New York streams. Detailed analyses of precipitation, stage and discharge hydrographs, flood frequency, and flood profiles will be presented in subsequent reports. Inundation maps for 39 quadrangles were prepared.

More than 6 inches of precipitation occurred on June 18 and 19 in parts of Westchester County (fig. 1), but even heavier amounts occurred in adjoining areas of Connecticut. Peak discharges at four of the six continuous-record gaging stations in Westchester County were the highest since records began in 1943. Peak stages and discharges are listed in table 1, and locations of the data sites are shown in figure 2.

Precipitation for June 20-25 was more than 2 inches throughout the State except for the extreme northeast corner and for Long Island (fig. 3). Total precipitation was nearly 14 inches in the Wellsville-Alfred area of eastern Allegany and western Steuben Counties. Peak discharges at many long-term gaging stations far exceeded the maximum flows previously recorded (table 2).

At the gaging station on Chemung River at Chemung, with 65 years of record, the peak stage was 31.62 feet (discharge 189,000 cubic feet per second) as compared with the previous maximum of 23.97 feet (discharge 132,000 cubic feet per second). Long-term gaging stations on Allegheny River at Salamanca (67 years) and Genesee River at Portageville (63 years) also had peaks far above the previous maximums. In some smaller drainage basins, the stage and the discharge of the June 1972 flood were less than that of previous floods. The distinctive aspects of this year's flood were the devastation of extremely large areas and the occurrence of the highest flows known on the large streams.

Table 2 contains results of stages and discharges for the June 1972 flood and comparative information for previous floods where such data are available. It also contains data for selected gaging sites on the periphery of the major flood area and presents a broad areal picture of the extent of the flood. Figure 4 is a map showing the locations of sites for which peak stage and discharge data are available. More detailed site locations may be obtained from the District Chief, Water Resources Division, U.S. Geological Survey, Albany, New York 12201.

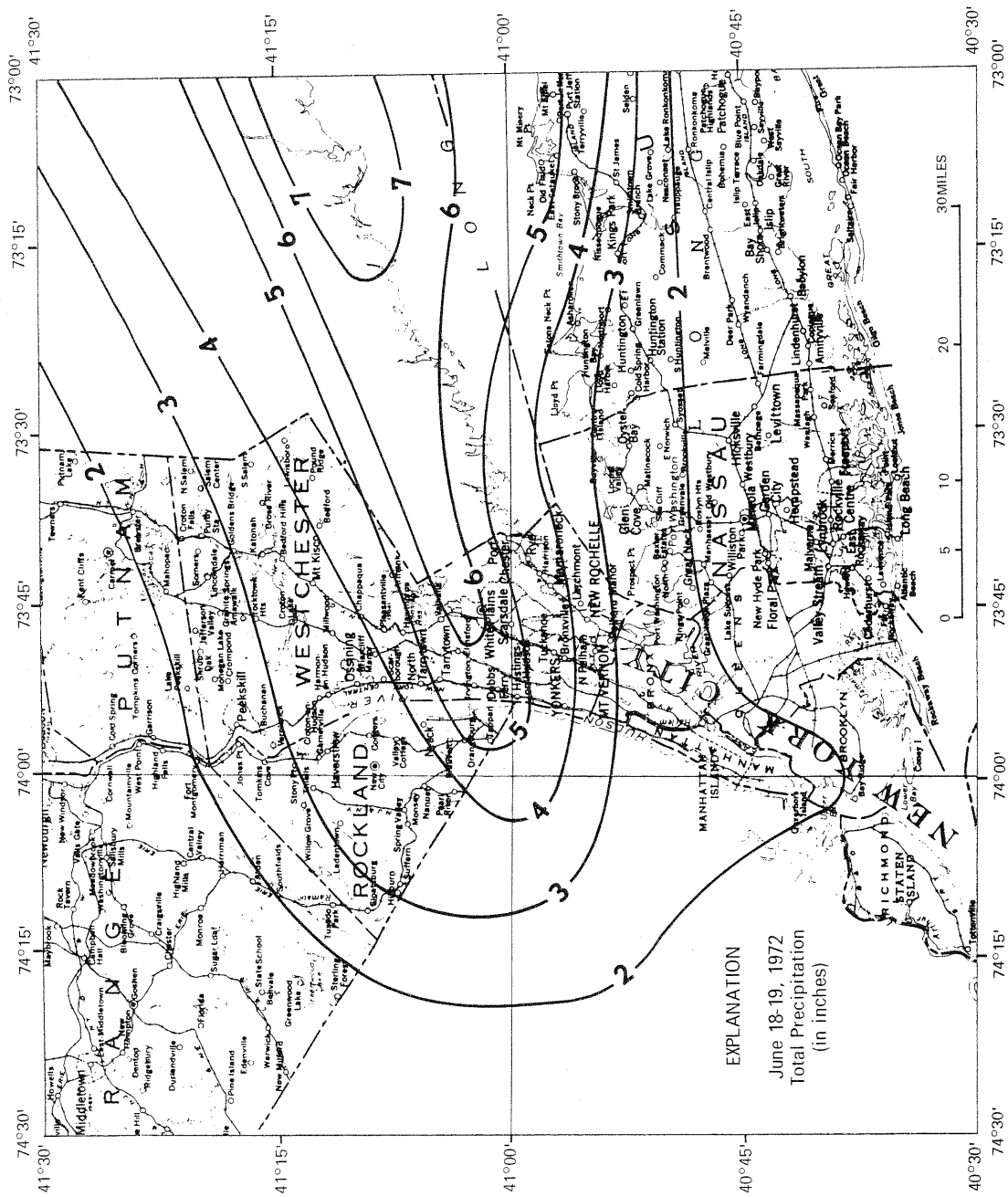


Figure 1.--Precipitation in southeastern New York, June 18-19, 1972.
 (Adapted from map furnished by A. B. Pack, Climatologist,
 National Weather Service, Ithaca, New York.)

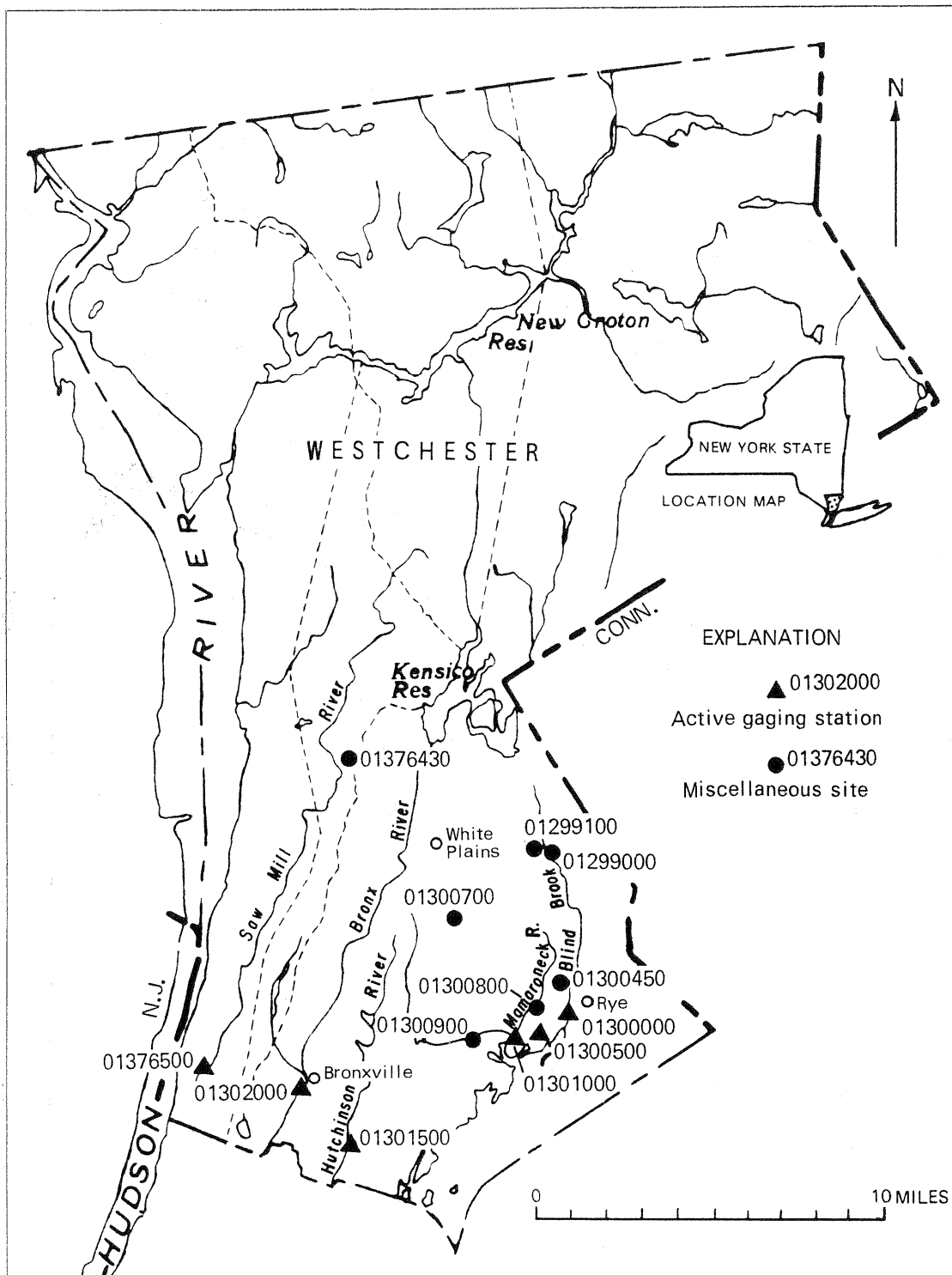


Figure 2.--Location of flood-measurement sites in Westchester County, New York, June 1972.

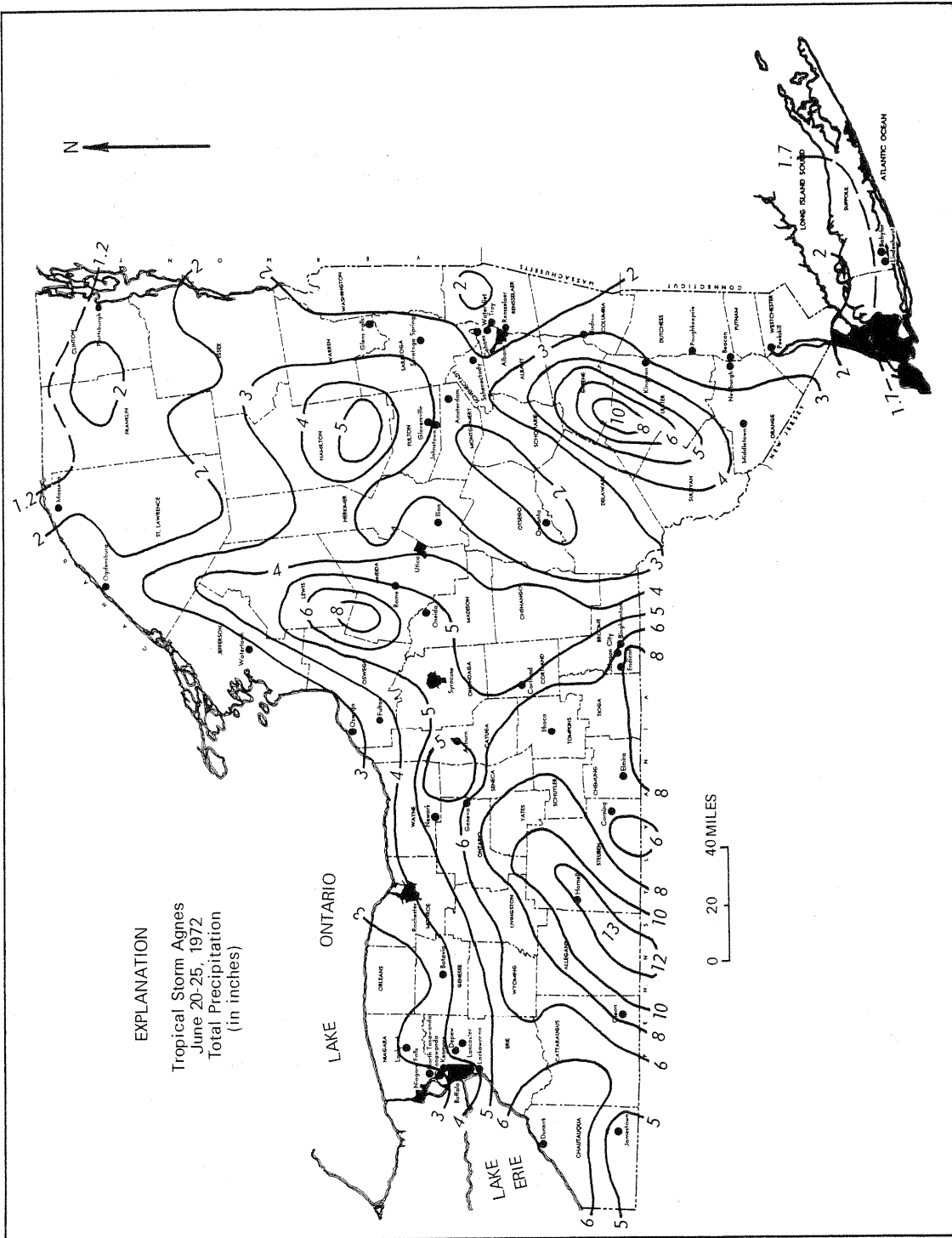


Figure 3.--Precipitation in New York, June 20-25, 1972.
 (Adapted from map furnished by A. B. Pack, Climatologist,
 National Weather Service, Ithaca, New York.)

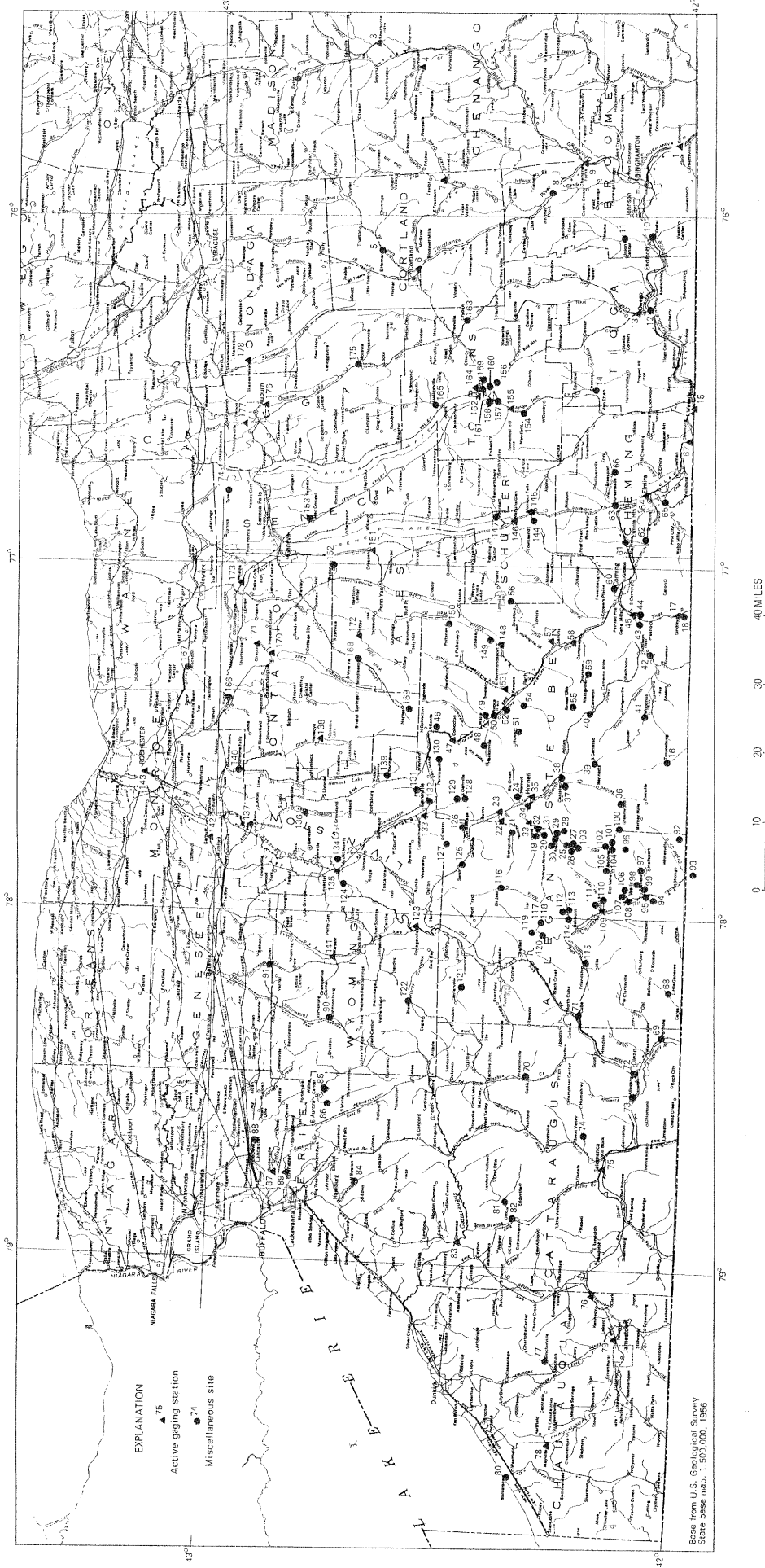


Figure 4.--Location of flood-measurement sites in central and western New York, June 1972.

Table 1.--Summary of peak stages and discharges in Westchester County, New York, for the flood of June 1972

Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
				Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
						cfs	cfs				cfs	cfs
LONG ISLAND SOUND BASIN												
01299000	Blind Brook near Purchase	1.79	--	--	--	--	19	--	--	1,140	637	
01299100	Blind Brook Tributary at Purchase	1.04	--	--	--	--	19	--	--	119	114	
01300000	Blind Brook at Rye	9.20	1944-71	10-16-55	9.62	1,360	19	1300	12.44	2,320	252	
01300450	Beaver Swamp Crook at North St., at Rye	1.64	--	--	--	--	19	--	--	135	82.3	
01300500	Beaver Swamp Brook at Mamaroneck	4.71	1944-71	3-12-62	3.09	167	19	2100	3.06	195	41.4	
01300700	West Branch Mamaroneck River at White Plains	1.09	--	--	--	--	19	--	--	253	232	
01300800	Mamaroneck River at Winfield Avenue, at Mamaroneck	14.5	--	--	--	--	19	--	--	2,200	152	
01300900	Sheldrake River at Mamaroneck	5.55	--	--	--	--	19	--	--	372	67.0	
01301000	Mamaroneck River at Mamaroneck	23.4	1943-53 1954-71	9-21-38 8-28-71	11.5 6.68	-- 2,260	19	1230	9.71	4,720	202	
01301500	Hutchinson River at Pelham	5.76	1943-71	8-28-71	5.18	526	19	1245	4.53	274	47.6	
01302000	Bronx River at Bronxville	26.5	1944-71	6-15-69	7.31	1,580	19	1400	9.63	2,490	94.0	
HUDSON RIVER BASIN												
01376430	Run Brook at Elmsford	.93	--	--	--	--	19	--	--	328	353	
01376500	Saw Mill River at Yonkers	25.6	1944-71	10-16-55	5.34	890	20	0230	5.55	650	25.4	

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972

(Abbreviations: Cr., Creek; no., number; nr, near; Sta., Station; Trib., Tributary)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known			Maximum during June 1972 flood		
					Date	Gage height (feet)	Discharge	Time	Gage height (feet)	Discharge
							cfs			cfsm
SUSQUEHANNA RIVER BASIN										
1	01503000	Susquehanna River at Conklin	2,232	1912-71	3-18-36 3-22-48	20.14 20.83	61,600 --	27.5 --	23 2100	12.89 26,500 11.9
2	01503980	Chenango River at Eaton	24.3	1964-65 1967-71	3-6-64	8.12	2,570	105.8	-- 7.92	1,100 45.3
3	01505000	Chenango River at Sherburne	263	1938-71	3-5-64	9.80	9,200	35.0	22 0930	9.57 --
4	01505500	Canasawacta Cr. nr South Plymouth	57.9	1945-71	2-25-61	5.94	6,980	118.5	22 0130	5.40 4,250 73.4
5	01508500	Albright Cr. at East Homer	7.1	1938-68	6-3-47	3.71	787	110.8	-- 4.4	--
6	01509000	Tioughnioga River at Cortland	292	1938-71	3-5-64	12.49	13,000	44.5	23 1645	10.47 7,730 26.5
7	01510000	Otselic River at Cincinnatus	147	1938-64 1969-71	12-30-42 4-4-50	10.67 10.68	8,390 7,830	57.1 53.3	23 0445	9.39 5,530 37.6
8	01511500	Tioughnioga River at Itaska	730	1929-67	7-8-35	16.61	61,100	83.7	-- 8.38	11,400 a
9	01512500	Chenango River nr Chenango Forks	1,483	1912-71	7-8-35	20.3	96,000	64.7	23 2000	11.19 26,200 17.7
10	01513500	Susquehanna River at Vestal	3,960	1938-71	93-18-36	30.50	107,000	27.0	-- 22.35	53,000 12.7
11	01513790	Nanticoke Cr. at Union Center	89.7	1963-71	910-15-55	--	9,900	110.4	-- 15.33	13,500 151
12	01513840	Pumpelly Cr. at Owego	8.6	1966-68	3-29-67	5.24	980	114.0	-- --	1,660 193
13	01514000	Owego Cr. nr Owego	186	1930-71	7-8-35 3-5-64	10.50 11.14	23,500 15,300	127.0 82.7	23 0230	10.15 10,600 57.0
14	01514100	Catatonk Cr. at Spencer	26.5	1955	10-15-55	--	1,680	63.4	-- --	1,500 57.7
15	01515000	Susquehanna River at Waverly	4,773	1937-71	93-18-36	21.4	128,000	26.8	23 2400	21.24 121,000 25.4
16	01518970	Troups Cr. nr Troupsburg	30.2	--	--	--	--	--	-- --	4,500 149
17	01520500	Tioga River at Lindley	771	1930-71	5-28-46	22.87	75,000	97.4	23 0300	26.27 153,000 198
18	01520507	Tannery Cr. nr Lindley	9.13	--	--	--	--	--	-- --	2,730 300

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
SUSQUEHANNA RIVER BASIN (Continued)													
19	01520970	Canistee River Trib. nr Almond	0.17	--	--	--	--	--	--	--	--	56	329
20	01520973	Canistee River Trib. no. 2 nr Almond	.31	--	--	--	--	--	--	--	--	43	139
21	01520991	Canistee River at Bishopville	22.4	--	--	--	--	--	--	--	--	3,400	152
22	01521000	Arkport Reservoir	30.5	1951-71	3-8-56 b1,268.4	--	c2,730	--	23	0700	1,303.89	--	--
23	01521500	Canistee River at Arkport	30.6	1937-71	g7-8-35	--	4,820	158.0	23	0800	3.60	1,060	a
24	01521610	Big Cr. nr North Hornell	16.8	1935	7-9-35	--	11,900	721.2	--	--	--	6,680	398
25	01522075	Canacadea Cr. at Alfred	1.28	--	--	--	--	--	--	--	--	655	512
26	01522076	Canacadea Cr. Trib. no. 2 nr Alfred	.52	--	--	--	--	--	--	--	--	358	708
27	01522078	Canacadea Cr. Trib. no. 1 at Alfred	1.02	--	--	--	--	--	--	--	--	570	559
28	01522083	East Branch Canacadea Cr. at Alfred Sta.	6.54	--	--	--	--	--	--	--	--	2,660	407
29	01522085	Canacadea Cr. at Alfred Sta.	14.8	--	--	--	--	--	--	--	--	6,080	396
30	01522430	McHenry Valley Cr. Trib. no. 2 nr Alfred	1.73	--	--	--	--	--	--	--	--	1,100	636
31	01522435	McHenry Valley Cr. Trib. no. 1 nr Alfred	.96	--	--	--	--	--	--	--	--	450	470
32	01522500	Karr Valley Cr. nr Almond	27.6	1937-68	9-28-67	9.11	6,250	226.4	--	--	12.2	10,900	396
33	01523000	Almond Lake nr Almond	55.8	1949-71	3-8-56 b1,286.0	--	c8,700	--	23	0400	b1,298.57	--	--
34	01523500	Canacadea Cr. nr Hornell	57.9	1940-42 1944-71	g7-8-35 5-17-45	-- 5.14	21,000 9,430	35.6 --	23	0630	6.14	5,880	a
35	01524500	Canistee River at Hornell	158	1942-71	5-26-43	13.30	9,340	58.7	23	0330	13.45	9,560	60.5
36	01524610	Cole Valley Cr. at West Greenwood	3.14	--	--	--	--	--	--	--	--	680	217
37	01524990	Purdy Cr. nr Canistee	21.2	1935	7-9-35	--	8,990	424	--	--	--	6,940	327
38	01525000	Bennett Cr. at Canistee	95.3	1938-47	5-27-46	8.90	10,000	104.4	--	--	--	19,500	204

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
SUSQUEHANNA RIVER BASIN (Continued)													
39	01525050	Colonel Bill's Cr. at South Canisteo	10.1	--	--	--	--	--	--	--	--	2,820	279
40	01525500	Canisteo River at West Cameron	342	1930-31 1937-70	g 7-8-35	--	35,000	102.3	23	0300	23.48	43,000	126
41	01525750	Tuscarora Cr. Trib. nr Woodhull	9.4	1966-68	3-12-67	3.94	686	73.0	--	--	--	1,440	154
42	01526000	Tuscarora Cr. nr South Addison	114	1937-70	5-27-46 3-30-51	8.44 8.79	-- 14,000	-- 122.8	--	--	10.4	18,700	158
43	01526070	Canisteo River at Erwins	551	--	--	--	--	--	--	--	--	46,100	83.6
44	01526495	Mulholland Cr. nr Erwins	5.1	1966-68	11-28-66	3.20	96	18.8	--	--	--	590	115
45	01526500	Tioga River at Erwins	1,370	1918-71	5-28-46	23.54	94,000	68.6	23	0600	26.74	4190,000	138
46	01526980	Kirkwood Cr. nr Atlanta	4.6	1966-68	7-13-67	2.84	50	10.9	--	--	--	810	176
47	01527000	Cohocton River at Cohocton	52.2	1950-71	4-1-60	6.23	883	16.6	23	1600	9.75	2,400	46.0
48	01527428	Neil Cr. (at the Rocks) nr Bloomerville	18.0	1935	7-8-35	--	5,040	242.3	--	--	--	3,750	209
49	01527485	Tennile Cr. nr Avoca	17.9	--	--	--	--	--	--	--	--	2,240	125
50	01527500	Cohocton River at Avoca	157	1938-45	3-17-42	8.88	3,880	24.7	--	--	--	13,300	85.7
51	01527580	Goff Cr. Trib. nr Howard	4.86	--	--	--	--	--	--	--	--	660	136
52	01527620	Goff Cr. nr Avoca	23.8	--	--	--	--	--	--	--	--	3,550	237
53	01528000	Fivemile Cr. nr Kanona	66.8	1937-71	3-7-56	4.59	2,680	39.4	23	0200	5.95	5,110	76.5
54	01528210	Campbell Cr. nr Kanona	35.8	1935	7-8-35	--	14,000	391.1	--	--	--	7,340	205
55	01528375	Stocking Cr. Trib. at North Cameron	2.64	--	--	--	--	--	--	--	--	452	171
56	01528950	Mud Cr. Trib. no. 2 nr Bradford	2.34	--	--	--	--	--	--	--	--	757	323
57	01529000	Mud Cr. nr Savona	76.6	1918-19 1937-71	3-7-56	6.89	1,860	24.4	23	0615	8.66	6,100	79.6
58	01529500	Cohocton River nr Campbell	470	1918-71	7-8-35	11.6	41,100	87.1	23	0300	11.16	31,000	66.0

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area known (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
SUSQUEHANNA RIVER BASIN (Continued)													
59	01529530	South Branch Michigan Cr. nr Risingville	1.0	1953	7-22-53	--	819	819	--	--	--	168	168
60	01530200	Post Cr. at Corning	31.6	--	--	--	--	--	--	--	--	2,740	86.7
61	01530285	Sing Sing Cr. nr Big Flats	14.7	--	--	--	--	--	--	--	--	3,000	204
62	01530303	Chemung River nr Big Flats	2,150	1936	3-36	--	87,200	40.6	23	--	--	--	--
63	01530440	Newtown Cr. at Horseheads	56.4	--	--	--	--	--	--	--	--	5,600	99.5
64	01530500	Newtown Cr. at Elmira	77.5	1938-71	12-30-42 10-16-55	15.23 17.06	3,460 3,350	43.4 42.0	23	0515	19.28	47,700	99.4
65	01530770	Seeley Cr. nr Elmira	95.6	--	--	--	--	--	--	--	--	18,900	198
66	01530910	Rorick Hollow Cr. nr Breesport	1.65	--	--	--	--	--	--	--	--	333	201
67	01531000	Chemung River at Chemung	2,506	1903-71	5-28-46	23.97	132,000	52.2	23	1630	31.62	189,000	75.3
ALLEGHENY RIVER BASIN													
68	03010678	Little Genesee at Little Genesee	37.0	--	--	--	--	--	--	--	--	8,330	225
69	03010718	Dodge Cr. at Portville	45.7	--	--	--	--	--	--	--	--	4,200	92.0
70	03010762	Gates Cr. at Franklinville	19.3	1967	9-28-67	--	4,880	253	--	--	--	--	--
71	03010783	Johnson's Cr. at Cuba	2.1	1967	9-28-67	--	632	301	--	--	--	609	290
72	03010800	Olean Cr. nr Olean	198	1958-68	9-29-67	16.06	18,200	91.9	--	--	11.52	6,000	30.3
73	03010860	Fivemile Cr. at Allegany	34.1	1967	9-28-67	--	3,840	113	--	--	--	--	--
74	03010979	Wrights Cr. at Willoughby	30.2	1967	9-28-67	--	9,300	307.9	--	--	--	--	--
75	03011020	Allegheny River at Salamanca	1,608	1903-71	9-29-67	16.24	41,700	25.9	23	1300	24.01	70,000	43.5
76	03013000	Conewango Cr. at Waterboro	290	1938-71	4-7-47 3-8-56	11.35 11.58	8,600 6,750	29.7 23.3	26	0845	10.15	3,930	136
77	03013070	Mill Cr. at Sinclairville	17.6	1954	10-15-54	--	2,740	150.5	--	--	--	2,070	118

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
ALLEGHENY RIVER BASIN (Continued)													
78	03013990	Chautauqua Lake at Mayville	186	1949-71	3-9-56	10.65	--	--	25	0200	10.15	--	
79	03014500	Chadakoin River at Falconer	194	1934-71	4-5-47	4.56	2,050	10.6	24	1600	4.01	1,600 a	
LAKE ERIE BASIN													
80	04213320	Chautauqua Cr. at Barcelona	36.0	--	--	--	--	--	--	--	10.30	6,340 176	
81	04213490	South Branch Cattaraugus Cr. nr Otto	25.6	1963-71	9-28-67	7.23	2,780	108.6	--	--	7.34	2,850 111	
82	04213492	South Branch Cattaraugus Cr. nr Cattaraugus	e70	--	--	--	--	--	--	--	6.84	4,000 59	
83	04213500	Cattaraugus Cr. at Gowanda	432	1939-71	3-17-42 3-7-56	13.73 14.14	35,900 34,600	83.1 80.1	23	0445	12.18	19,000 40.0	
84	04214200	Eighteenmile Cr. at North Boston	37.2	1963-68	9-29-67	12.50	5,790	155.6	--	--	11.05	4,670 126	
85	04214400	Buffalo Cr. nr Wales Hollow	80.1	1963-68	9-28-67	11.61	9,260	121.0	--	--	11.36	8,600 107	
86	04214410	Hunter Cr. at Colegrove	14.1	1964-71	9-28-67	6.66	1,680	120	--	--	5.81	1,150 82.1	
87	04214500	Buffalo Cr. at Gardenville	144	1938-71	3-9-42 3-1-55	11.90 9.43	-- 13,000	-- 90.3	23	1030	9.09	12,100 84.0	
88	04215000	Cayuga Cr. nr Lancaster	94.9	1938-68	1-22-59	10.09	8,750	92.2	--	--	10.09	8,800 92.7	
89	04215500	Cazenovia Cr. at Ebenezer	134	1940-71	3-1-55	15.82	13,500	100.7	23	0700	13.52	12,200 91.0	
NIAGARA RIVER BASIN													
90	04216400	Tonawanda Creek nr Johnsonburg	23.6	1962-71	11-26-64	7.49	1,370	58.1	--	--	11.05	--	
91	04216500	Little Tonawanda Cr. at Linden	22.1	1912-68	3-7-56	16.04	2,700	122.2	--	--	11.52	1,800 81.4	
LAKE ONTARIO BASIN													
92	04220360	Springmill Cr. at Springmill	5.01	--	--	--	--	--	--	--	--	595 118	
93	0422037A	Cryder Cr. at Genesee, Pa.	50.0	--	--	--	--	--	--	--	--	6,610 132	

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
LAKE ONTARIO BASIN (Continued)													
94	04220384	Orebed Cr. nr Stannards	4.07	--	--	--	--	--	--	--	--	965	237
95	04220412	Genesee River at Stannards	179	--	--	--	--	--	--	--	12.2	20,200	113
96	04220418	Fulmer Valley Cr. Trib. nr Andover	.72	--	--	--	--	--	--	--	--	173	239
97	04220420	Fulmer Valley Cr. nr Hallsport	11.8	--	--	--	--	--	--	--	--	3,200	271
98	04220422	Chenunda Cr. Trib. nr Stannards	.04	--	--	--	--	--	--	--	27	675	--
99	04220431	Chenunda Cr. at Stannards	30.6	--	--	--	--	--	--	--	--	9,200	301
100	04220450	Dyke Cr. nr West Greenwood	1.64	1964-71	3-15-71	7.47	600	366	--	--	e8.5	e1,050	e640
101	04220455	Quig Hollow Brook nr Andover	4.2	1964-71	1-30-69	3.40	237	55.9	--	--	5.11+	e1,100	275
102	04220460	East Valley Cr. Trib. nr Andover	1.59	1964-68	2-13-66	3.38	--	--	--	--	3.04	700	440
103	04220465	Railroad Brook nr Alfred	1.05	1964-67 1971	3-15-71	2.05	--	--	--	--	3.84 e5.00	-- 670	-- 639
104	04220472	Indian Cr. at Andover	1.07	--	--	--	--	--	--	--	--	929	868
105	04220478	Elm Valley Cr. nr Elm Valley	4.18	1964-68	5-7-65	2.13	300	62.5	--	--	--	1,840	440
106	04220492	Trapping Brook nr Wellsville	3.19	--	--	--	--	--	--	--	--	630	198
107	04220500	Dyke Cr. at Wellsville	71.4	1955-60 1964-69	6-15-60	16.10	5,230	73.2	--	--	--	12,000	168
108	04221000	Genesee River at Wellsville	288	1955-58	3-8-56	17.65	15,800	54.9	--	--	--	--	--
109	04221500	Genesee River at Scio	308	1916-71	11-25-50	11.22	23,300	75.6	23	0300	14.12	38,500	125
110	04221510	Vandermark Cr. nr Scio	22.0	--	--	--	--	--	--	--	--	8,670	394
111	04221518	Snowball Hollow Cr. nr Scio	3.47	--	--	--	--	--	--	--	--	580	167

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known			Maximum during June 1972 flood		
					Date	Gage height (feet)	Discharge	Time	Gage height (feet)	Discharge
							cfs			cfsm
LAKE ONTARIO BASIN (Continued)										
112	04221554	North Branch Phillips Cr. nr Withey	7.16	--	--	--	--	--	--	1,730 242
113	04221555	Phillips Cr. nr Withey	24.1	--	--	--	--	--	--	5,910 246
114	04221561	Feathers Cr. at Belmont	3.69	--	--	--	--	--	--	931 252
115	04221600	Van Campen Cr. at Friendship	45.8	1964-68	9-28-67	13.10	13,400	293	10.92	9,400 205
116	04221640	Black Cr. at Birdsall	--	--	--	--	--	--	--	1,860 --
117	04221698	Angelica Cr. at Angelica	61.0	1942	7-18-42	--	14,000	230	--	--
118	04221700	Angelica Cr. nr Angelica	61.3	--	--	--	--	--	--	6,120 100
119	04221710	Baker Cr. nr Angelica	22.4	--	--	--	--	--	--	3,050 136
120	04221720	Angelica Cr. at Transit Bridge	86.5	1964-68	9-28-67	10.28	9,560	110	--	e8,400 97.1
121	04222510	Sixtown Cr. nr Higgins	17.8	--	--	--	--	--	--	2,460 138
122	04222600	Wiscony Cr. at Bliss	21.8	1962-65 1967-71	3-5-64	3.38	--	--	4.06	1,850 85.0
123	04223000	Genesee River at Portageville	982	1908-71	5-17-16	12.81	44,400	45.2	0230	35.25 71,000 72.3
124	04224000	Mount Morris Lake nr Mount Morris	1,075	1952-71	4-5-60	b719.40	c216,000	--	1700- 2200	755.8 -- --
125	04224550	Ewart Cr. at Swain	3.9	1964-65 1967-68	3-5-64	3.80	--	--	3.75	700 180
126	04224650	Canaseraga Cr. nr Canaseraga	58.2	1964-68	9-28-67	11.10	5,480	94.2	--	12,400 213
127	04224700	Sugar Cr. nr Ossian	9.83	1964-71	3-5-64	6.45	--	--	6.85	1,380 141
128	04224800	Stony Brook at South Dansville	2.23	1964-69	1-30-68	2.64	--	--	--	490 223
129	04224810	Sponable Cr. nr South Dansville	.7	1964-67	9-28-67	2.04	--	--	--	121 173
130	04224900	Mill Cr. at Patchinville	5.00	1964-71	3-5-64	3.79	--	--	3.01	1,350 270

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
LAKE ONTARIO BASIN (Continued)													
131	04224965	Little Mill Cr. Reservoir--Relief Channel	7.54	--	--	--	--	--	--	--	--	835 111	
132	04224970	Little Mill Cr. Trib. nr Dansville	1.42	--	--	--	--	--	--	--	--	113 79.5	
133	04225000	Canaseraga Cr. nr Dansville	153	1910-12 1915-68	8-23-40	9.93	9,110	59.5	23	0245	14.66	9,600 62.6	
134	04227000	Canaseraga Cr. at Shakers Crossing	333	1915-22 1958-70	4-26-61	12.07	4,430	13.3	--	--	--	--	
135	04227500	Genesee River nr Mount Morris	1,417	1903-06 1908-14 1915-71	5-17-16	25.44	55,100	38.9	24	0415	24.50	18,900 13.3	
136	04227980	Conesus Lake nr Lakeville	69.7	1963-71	4-25,29-69	23.80	--	--	24	1200	22.50	--	
137	04228500	Genesee River at Avon	1,667	1955-71	3-7-56	37.20	15,600	9.4	25	0700	40.64	16,200 9.72	
138	04228845	Honeoye Lake nr Honeoye	41.1	1963-71	4-15-71	4.72	--	--	23	2400	6.94	--	
139	04228900	Springwater Cr. at Springwater	10.1	1964-68	3-5-64	5.25	156	15.4	--	--	--	1,180 117	
140	04229500	Honeoye Cr. at Honeoye Falls	195	1945-70	3-28-50	6.42	4,630	23.7	--	--	6.5	4,800 24.7	
141	04230380	Oatka Cr. at Warsaw	41.9	1963-71	9-28-67	7.28	1,760	80	23	0245	9.75	4,010 95.7	
142	04230500	Oatka Cr. at Garbutt	204	1945-71	3-31-60	8.64	6,920	33.9	24	1500	6.89	3,830 18.8	
143	04232000	Genesee River at Rochester	2,450	1904-71	3-30-16	15.30	48,300	19.7	25	1245	15.89	31,300 12.8	
144	04232192	Catherine Cr. Trib. no. 4 nr Montour Falls	1.00	--	--	--	--	--	--	--	--	296 296	
145	04232198	Catherine Cr. at Montour Falls	38.2	--	--	--	--	--	--	--	--	3,150 82.5	
146	04232400	Seneca Lake at Watkins Glen	714	1956-71	3-16,17-64	8.56	--	--	25	0945	10.47	--	
147	04232406	Hector Falls Cr. at Burdett	12.6	1935	7-8-35	--	4,600	365.1	--	--	5.40	el,500 120	

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
LAKE ONTARIO BASIN (Continued)													
148	04232450	Keuka Lake at Hammondsport	182	1960-71	4-27,28, 29-61	5.79	--	--	24	1345	9.35	--	--
149	0423245A	Keuka Lake Trib. no. 13 nr Hammondsport	.23	--	--	--	--	--	--	--	--	119	517
150	04232468	Keuka Lake Trib. no. 12 nr Pulteney	.85	--	--	--	--	--	--	--	--	255	300
151	04232482	Keuka Lake Outlet at Dresden	207	1965-71	2-13-66	3.78	640	3.1	22	1045	8.38	2,680	129
152	04232490	Kashong Cr. nr Bellona	30.7	1966-71	9-29-67	3.94	--	--	--	--	3.19	e600	20
153	04232630	Kendig Cr. nr Mac Dougall	13.8	1964-71	3-13-66	3.95	218	15.8	--	--	4.93	e440	32
154	04232902	West Branch Cayuga Inlet at Newfield	8.05	--	--	--	--	--	--	--	--	--	--
155	04233000	Cayuga Inlet nr Ithaca	36.7	1937-71	8-13-42	7.58	4,110	112.0	23	0115	8.10	4,900	134
156	04233250	Buttermilk Cr. nr Ithaca	11.3	1962-69	--	--	--	--	--	--	9.94	1,060	94.0
157	04233255	Cayuga Inlet at Ithaca	86.7	1971	3-15-71	10.74	5,200	60.0	--	--	14.6	11,800	136
158	04233257	Coy Glen Cr. at Ithaca	255	--	--	--	--	--	--	--	--	516	--
159	04233310	Sixmile Cr. nr Ithaca	42.0	1966-71	2-13-66	3.82	--	--	--	--	9.37	5,360	127
160	04233314	Sixmile Cr. Trib. nr Ithaca	--	--	--	--	--	--	--	--	--	187	--
161	04233317	Sixmile Cr. at Potter Falls at Ithaca	45.5	1935	7-8-35	--	4,330	95.2	--	--	--	4,430	97.3
162	04233500	Cayuga Lake at Ithaca	1,564	1905-25 1956-71	4-4,5-16	8.4	--	--	24 26	2400 1100	9.76 9.77	--	--
163	04233676	Virgil Cr. at Dryden	20.6	1966-71	3-28-67	2.58	656	31.8	--	--	3.90	e1,400	--
164	04234000	Fall Cr. nr Ithaca	126	1908-09 1925-71	7-8-35	9.52	15,500	123	23	0530	5.38	5,860	46.5
165	04234018	Salmon Cr. at Ludlowville	81.7	1964-68	2-13-66	7.23	1,940	23.7	--	--	10.62	4,160	51.0
166	04234200	Mud Creek at East Victor	64.2	1958-68	3-27-63	6.65	1,370	21.3	--	--	7.90	e1,600	19

Table 2.--Summary of selected peak stages and discharges in central and western New York for the flood of June 1972 (Continued)

Map number	Station number	Stream and place of determination	Drainage area (sq mi)	Period of known floods	Maximum flood previously known				Maximum during June 1972 flood				
					Date	Gage height (feet)	Discharge		Day	Time	Gage height (feet)	Discharge	
							cfs	cfsm				cfs	cfsm
LAKE ONTARIO BASIN (Continued)													
167	04234250	Ganargua Cr. at Macedon	104	1965-69	2-12-66	5.91	1,520	14.6	--	--	6.80	e1,950	--
168	04234400	West River nr Middlesex	29.3	1965-71	3-29-67	3.16	242	8.3	--	--	6.82	2,790	96.8
169	04234428	Reservoir Cr. nr Naples	5.76	--	--	--	--	--	--	--	--	1,600	278
170	04234500	Canandaigua Lake at Canandaigua	184	1927-71	3-11-56	9.54	--	--	24	1400	10.94	--	--
171	04235000	Canandaigua Outlet at Chapin	195	1939-71	3-17-42	4.64	1,100	5.6	24	1500	5.62	1,770	9.08
172	04235150	Flint Cr. at Potter	31.0	1964-68	3-5-64	6.87	920	29.9	23	0600	10.15	1,300	41.9
173	04235250	Flint Cr. at Phelps	102	1959-71	3-30-60	5.83	2,940	28.8	23 24	0400 1500	5.74 5.75	2,800 2,810	-- 27.5
174	04235276	Black Brook at Tyre	19.0	1965-71	2-14-66	2.70	258	13.6	--	--	3.61	e430	--
175	04235300	Owasco Inlet at Moravia	106	1960-68	6-30-61 3-5-64	12.21 12.76	11,600 f	109 --	23	--	16.17	--	--
176	04235296	Owasco Lake nr Auburn	205	1967-71	--	--	--	--	25	1800	b716.48	--	--
177	04235500	Owasco Outlet nr Auburn	206	1912-71	3-19-36	4.88	2,090	10.1	23 24	1715 1030	6.28 6.28	3,140 3,140	15.2 15.2
178	04236000	Skaneateles Lake at Skaneateles	72.7	1890-1971	--	--	--	--	25 26	0800 0800	b865.20 b865.20	-- --	-- --

a Regulated.
b Elevation.
c Acre-feet.
d Estimated.
e About.
f Backwater.
g Outside the period of record.