

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

BULLETIN 514

RESULTS OF SPIRIT LEVELING
IN NEW YORK

1906 TO 1911, INCLUSIVE

R. B. MARSHALL, CHIEF GEOGRAPHER

WORK DONE IN COOPERATION WITH THE STATE OF NEW YORK



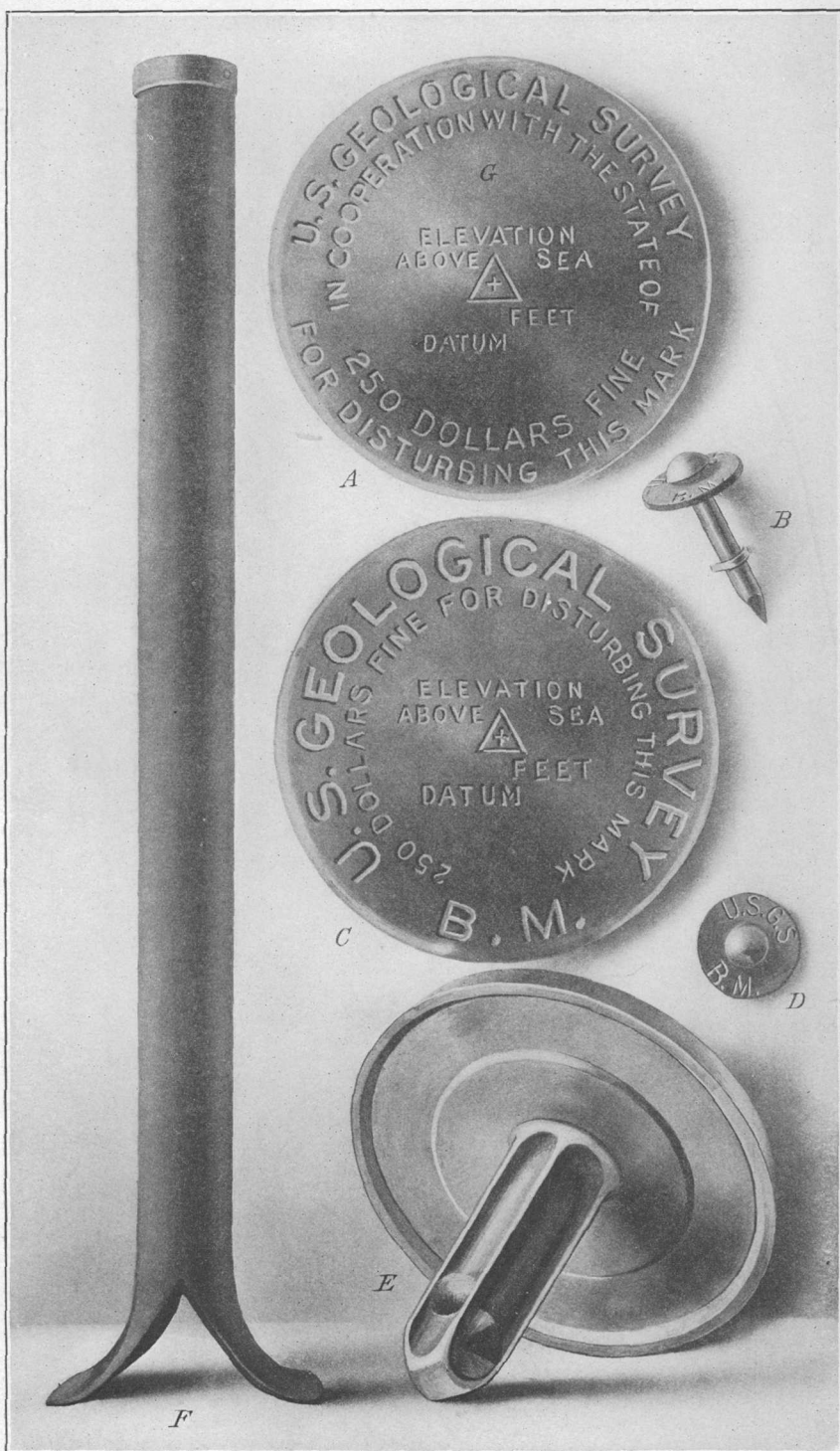
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GEOLOGICAL SURVEY BENCH MARKS.

A, Tablet used in cooperating States. The State name is inserted at *G*.
B and *D*, Copper temporary bench mark, consisting of a nail and copper washer.
A, *C*, and *E*, Tablets for stone or concrete structures.
F, Iron post used where there is no rock.

RESULTS OF SPIRIT LEVELING IN NEW YORK, 1906 TO 1911, INCLUSIVE.

R. B. MARSHALL, Chief Geographer.

INTRODUCTION.

Cooperation.—The State of New York contributed financially to the work during the years 1906 to 1911, inclusive, being represented by the office of the State engineer and surveyor (Henry A. Van Alstyne, 1905-6; Frederick Skene, 1907-8; Frank M. Williams, 1909-10; and J. A. Bensel, 1911).

Previous publication.—The following results of spirit leveling are supplemental to and accord with the elevations contained in Bulletin 281 and are in agreement with the 1903 adjustment of precise leveling. These elevations are likely to be changed but slightly by any future adjustment.

Corrections.—These corrections to Bulletin 281 should be noted:

Page 10: Thurman; 1.25 miles north of station, etc. Bench mark has been reestablished and elevation now is 627.774 feet.

Page 11: Glenfield; railroad station, etc. Tablet has been reset and the elevation now is 777.618 feet.

Lowville station, 1,000 feet south of, etc. An aluminum tablet has been set in the place of the bronze tablet. The elevation is 864.529 feet.

Page 13: Two bench marks, one at Belvidere and the other 0.67 mile east of Belvidere, are in the Angelica quadrangle, not in the Belmont quadrangle as listed.

Page 14: Wellsville, Union school building, etc. Old bench mark was destroyed by fire. A new aluminum tablet stamped "1516" has been reset in the library. Its elevation is 1,517.514 feet. Adrian, 3.7 miles east of, etc. Bench mark reported destroyed.

Canisteo, 2.1 miles east of, etc. Reported destroyed.

Page 19: Bench mark at South Edmeston, in northeast corner of foundation wall of Free Church, aluminum tablet stamped "1127 N. Y.," elevation 1,127.299 feet, was omitted. This should follow bench mark "South Edmeston, 0.2 mile east of railroad," etc.

South Edmeston, 0.2 mile east of railroad, etc., and New Berlin, New York, Ontario & Western Ry. bridge 52, etc. Both bench marks destroyed.

Insert after bench mark at New Berlin, the following description and elevation: "New Berlin, top of west end of south abutment of New York, Ontario & Western Ry. bridge, in concrete; aluminum tablet, elevation 1,090.108 feet.

Page 21: Guymard, 600 feet north of station, etc. Destroyed in 1906 and the culvert reconstructed.

- Page 28: East Northport, 0.2 mile south of station, etc. Permission granted to remove this bench mark to new building.
 Willets Point, military post grounds, etc. Bench mark reported destroyed.
 Mineola, in coping west end north, etc. Bench mark reported destroyed.
- Page 35: Newport, stone bridge over West Canada Creek, etc. Bench mark reported destroyed.
 Newport, water table, northeast corner of Newport Bank Building, elevation 657.59. Should precede bench mark at Newport.
- Page 38: Deadmans Gulch, east of mouth, etc. Elevation of this bench mark doubtful.
- Page 40: Insert after Nehasane bench mark the following title and description and elevation of bench mark: LITTLE RAPIDS WEST TO SALMON LAKE, THENCE NORTH TO MUD POND (Single spur line by J. W. Hodges in 1900): Mud Pond, just south of Clear Lake, in rock at outlet; bronze tablet stamped "2007," elevation 2,007.321 feet.
- Page 43: Sammons ville, station of the Fonda, Johnstown & Gloversville R. R. Elevation is 587.24, instead of 387.24 feet.
- Page 45: See correction for page 10.
- Page 47: Description of bench mark at West Winfield should be: West Winfield, 134 feet east of station and on line with south end of same, 19 feet north measured at right angles from center line of present main track, in east concrete monument six inches in diameter in center of park at station; bronze tablet stamped "1182 ALBANY 1903 ADJ." The elevation of this mark has not been changed and is 1,182.308 feet.
- Page 56: First three bench marks on page are in Phoenicia quadrangle.
- Page 60: Insert after bench mark at Rensselaer Falls the following description and elevation: DeKalb Junction, 0.8 mile northeast of; aluminum tablet stamped "462" (set in 1908), elevation 461.976 feet
- Page 64: Glenfield, in foundation wall of, etc. Bench mark reset; elevation is now 777.618 feet.
- Page 68: Lebanon, 50 feet north of station, etc. Bench mark has been moved and description and elevation are now as follows: Lebanon, 53 feet west of highway, 128 feet northeast of railroad, in southwest corner of wall of store-dwelling; aluminum tablet stamped "1358," elevation 1,357.949 feet.
- Page 76: Otisco Lake Outlet, at west end of State dam, etc. New dam has been built. The elevation of the spillway is 786.6 feet.
 Otisco Lake outlet, east wing of State dam, etc. This bench mark is at times inundated. A new bench mark established on the southwest abutment of the new dam about 12 inches from the batter line consists of a 1-inch copper bolt marked "B. M.," the elevation of which is 790.15 feet.
- Page 83: Kendaia, 40 feet east of railroad on highway, etc. Bench mark reported destroyed.
- Page 86: Bench mark elevations appearing under Bath quadrangle have been changed, the latest elevations appearing in this bulletin.
- Page 88: South Line, southwest corner of cold-storage building, etc., should read South Lima, near southeast corner, etc.
 Wayland, in west face of Lackawanna schoolhouse, etc. Bench mark has been removed and reset in the sidewalk, the new elevation being 1,361.33 feet.
- Page 95: Insert between "Watts Flats, in front of station," etc., and "Brokenstraw, 3.18 miles northwest of," etc., the following: Niobe, north end of back-wall of west abutment of Erie Railroad bridge, 600 feet west of station; bronze tablet stamped "1434 DUNKIRK," elevation 1,433.522 feet.
 Brokenstraw, 3.18 miles northwest of, etc. Bench mark has been destroyed.

The following quadrangle names which appear in Bulletin 281 should be changed as noted below:

Cameron to Hammondsport, Coventry to Oxford, Dickinson to Nicholville, Gowanda to Cattaraugus, Hancock to Starrucca, Hogansburg to Moira, Holland to Colden, Hornellsville to Hornell, Kildare to Childwold, Lackawaxen to Milford, Meacham Lake to Santa Clara, Narrowsburg to Damascus, Piseco to Piseco Lake, and Shongo to Wellsville.

Personnel.—The field work for 1906 was done under the direction of H. M. Wilson, geographer; for the years 1907 to 1911, inclusive, under Frank Sutton, geographer; and from 1908 to 1911, inclusive, under the general supervision of R. B. Marshall, chief geographer.

Credit is given to the various level men directly in charge under the heading of each list. The office work of computation, adjustment, and preparation of lists was done mainly by S. S. Gannett, geographer, and D. H. Baldwin, topographer, and since 1907 under the general direction of E. M. Douglas, geographer.

Classification.—No precise leveling has been done by the United States Geological Survey in this State since 1902. For primary lines standard Y levels are used; lines are run in circuits or are closed on precise lines, with an allowable closing error in feet represented by $0.05\sqrt{D}$, in which D is the length of the circuit in miles, sufficient care being given to the work to maintain this standard. For all levels of this class careful office adjustments are made, the circuit closure errors being distributed over the lines.

Bench marks.—The standard bench marks are of two forms. The first form is a circular bronze or aluminum tablet (*C* and *E*, Pl. I), $3\frac{1}{2}$ inches in diameter and one-fourth inch thick, having a 3-inch stem, which is cemented in a drill hole in solid rock, in the wall of some public building, in a bridge abutment, or in other substantial masonry structure. The second form (*F*, Pl. I), employed where masonry or rock is not accessible, consists of a hollow wrought-iron post $3\frac{1}{2}$ inches in outer diameter and 4 feet in length after being split at the bottom and expanded to 10 inches in order to give a firm bearing on the earth. A bronze or aluminum-bronze cap is riveted over the top of the post, which is set about 3 feet in the ground. A third style of bench mark with abbreviated lettering (*B* and *D*, Pl. I) is used for unimportant points. This consists of a special copper nail $1\frac{1}{2}$ inches in length driven through a copper washer seven-eighths of an inch in diameter.

The tablets, as well as the caps on the iron posts, are appropriately lettered, and for cooperating States the fact of such cooperation is indicated by the addition of the State name (*G*, Pl. I). The numbers stamped on the bench marks described in the following pages represent the elevations to the nearest foot as determined by the levelman. These numbers are stamped with $\frac{3}{16}$ -inch steel dies on the tablets or post caps, to the left of the word "feet." The office adjustment of the notes and the reduction to mean sea-level datum may so change

some of the figures that the original markings are 1 or 2 feet in error. It is assumed that engineers and others who have occasion to use the bench-mark elevations will apply to the Director of the United States Geological Survey, at Washington, D. C., for the adjusted values, and will use the markings as identification numbers only.

Datum.—All United States Geological Survey elevations are referred to mean sea level, which is the level that the sea would assume if the influence of winds and tides were eliminated. This level is not the elevation determined from the mean of the highest and the lowest tides, nor is it the half sum of the mean of all the high tides and of the mean of all the low tides, which is called half-tide level. *Mean sea level is the average height of the water, all stages of the tide being considered.* It is determined from observations made by means of tidal gages placed at stations where local conditions, such as long, narrow bays, rivers, and like features, will not affect the height of the water. To obtain even approximately correct results these observations must extend over at least one lunar month, and if great accuracy is desired they must extend over several years. At ocean stations half-tide level and mean sea level usually differ but little. It is assumed that there is no difference between the mean sea level as determined from observations in the Atlantic Ocean, the Gulf of Mexico, or the Pacific Ocean.

The connection with tidal stations for bench marks in certain areas that lie at some distance from the sea coast is still uncertain, and this fact is indicated by the addition of a letter or a word to the right of the word "Datum" on tablets or posts. For such areas corrections of published results will be made from time to time as the precise-level lines of the United States Geological Survey or other Government organizations are extended.

Topographic maps.—Maps of the following quadrangles, wholly or partly in New York, have been published by the United States Geological Survey up to July 1, 1912. They may be obtained, unless otherwise noted, at 5 cents each or \$3 a hundred on application to the Director of the Survey, at Washington, D. C.

Albany. ¹	Antwerp.
Albany and vicinity. ¹ 20 cents.	Apalachin. ³
Albion.	Attica.
Alexandria Bay.	Auburn.
Amsterdam.	Ausable. ⁴
Angelica. ²	Babylon. ⁵

¹ Albany and vicinity map includes Albany, Cohoes, Schenectady, and Troy sheets.

² Shows wooded areas.

³ Apalachin, Dryden, Harford, and Owego sheets, on scale of 1:62,500, have been reduced and form Cataunk sheet, on scale of 1:125,000.

⁴ Mount Marcy and vicinity map includes Ausable, Elizabethtown, Lake Placid, and Mount Marcy sheets. Mount Marcy and vicinity forestry map uses the same base.

⁵ Babylon, Fire Island, Northport, and Setauket sheets, on scale of 1:62,500, have been reduced and form Islip sheet, on scale of 1:125,000.

Baldwinsville.	Copake (N. Y.-Mass.).
Batavia.	Cornwall (Conn.-N. Y.). ⁷
Bath.	Cortland.
Berlin (N. Y.-Mass.-Vt.). ¹	Coxsackie.
Berne.	Depew.
Big Moose.	Dryden. ⁵
Binghamton.	Dunkirk.
Blue Mountain	Durham.
Bolton.	Easthampton.
Boonville.	Eden.
Brier Hill.	Elizabethtown. ⁹
Broadálbín.	Ellenville.
Brockport.	Elmira (N. Y.-Pa.). ¹⁰
Brooklyn. ²	Fire Island. ⁸
Buffalo. ³	Fonda.
Caledonia.	Fort Ann (N. Y.-Vt.). ⁴
Cambridge (N. Y.-Vt.). ⁴	Fulton. ¹¹
Canada Lake. Name changed—see West Canada Lakes.	Gaines (Pa.-N. Y.).
Canajoharie.	Gardiners Island.
Canandaigua.	Geneva.
Cape Vincent.	Genoa.
Carmel (N. Y.-Conn.).	Gilboa.
Carthage.	Glens Falls.
Castleton (Vt.-N. Y.).	Gloversville.
Catatonk. ⁵	Goshen (N. Y.-N. J.).
Catskill.	Greene.
Cazenovia.	Greenwood Lake (N. J.-N. Y.).
Chautauqua.	Grindstone.
Cherry Creek.	Hamlin.
Chittenango.	Hammondsport.
Clayton.	Harford. ⁵
Clove (N. Y.-Conn.).	Harlem (N. Y.-N. J.). ²
Clyde.	Hempstead. ²
Clymer.	Highmarket.
Cohoes. ⁶	Hobart.
Cooperstown.	Honeoye.
	Hoosick (N. Y.-Vt.). ¹

¹ Berlin and Hoosick sheets, on scale of 1:62,500, have been reduced and form parts of Taconic sheet, on scale of 1:125,000.

² New York City and vicinity map includes Brooklyn, Harlem, Paterson, Staten Island, and parts of Hempstead, Oyster Bay, and Sandy Hook sheets.

³ Niagara River and vicinity map includes parts of all sheets bordering on Niagara River.

⁴ Cambridge, Fort Ann, and Pawlet sheets, on scale of 1:62,500, have been reduced and form parts of Metawee sheet, on scale of 1:125,000.

⁵ Apalachin, Dryden, Harford, and Owego sheets, on scale of 1:62,500, have been reduced and form Catatonk sheet, on scale of 1:125,000.

⁶ Albany and vicinity map includes Albany, Cohoes, Schenectady, and Troy sheets.

⁷ Cornwall sheet, on scale of 1:62,500, has been reduced and forms part of Litchfield sheet on scale of 1:125,000.

⁸ Babylon, Fire Island, Northport, and Setauket sheets, on scale of 1:62,500, have been reduced and form Islip sheet, on scale of 1:125,000.

⁹ Mount Marcy and vicinity map includes Ausable, Elizabethtown, Lake Placid, and Mount Marcy sheets. Mount Marcy and vicinity forestry map uses the same base.

¹⁰ Elmira, Ithaca, Watkins, and Waverly sheets, on scale of 1:62,500, have been reduced and form Watkins Glen sheet, on scale of 1:125,000.

¹¹ Oswego special sheet includes parts of Oswego and Fulton sheets.

Housatonic (Mass.-N. Y.-Conn.).¹
 Indian Lake.
 Islip.²
 Ithaca.³
 Jamestown.
 Kaaterskill.
 Kasoag.⁴
 Kinderhook.
 Lake Placid.⁵
 Lake Pleasant.
 Lassellville.
 Litchfield (Conn.-N. Y.).⁶
 Little Falls.
 Lockport.⁷
 Long Lake.
 Loon Lake.
 Luzerne.
 Macedon.
 Margaretville.
 Massena.
 Medina.
 Mettawee (N. Y.-Vt.).⁸
 Mexico.
 Millbrook (N. Y.-Conn.).
 Montauk.
 Monticello.
 Mooers.
 Moravia.
 Moriches.
 Morrisville.
 Mount Marcy.⁵

*Mount Marcy and vicinity (20 cents).⁵

*Mount Marcy and vicinity forestry map
 (20 cents).⁵
 Naples.
 Navesink (N. J.-N. Y.).⁹
 Neversink.
 New Brunswick (N. J.-N. Y.).⁹
 Newburg.
 Newcomb.
 New London (Conn.-N. Y.).
 New York City and vicinity (N. Y.-
 N. J.) (25 cents).¹⁰
 Niagara.
 Niagara Falls.^{7 11}
 *Niagara Falls and vicinity (10 cents).¹¹
 Niagara River and vicinity (10 cents).¹²
 Nineveh.
 North Creek.
 Northport.²
 Norwalk (Conn.-N. Y.).
 Norwich.
 Nunda.
 Oak Orchard.
 Ogdensburg.
 Olcott.⁷
 Old Forge.
 Olean.
 Oneida.
 Ontario Beach.¹³
 Oriskany.
 Orwell.
 Oswego.¹⁴
 Oswego special.¹⁴

* Out of print.

¹ Pittsfield and Sheffield sheets, on scale of 1:62,500, have been reduced and form parts of Housatonic sheet, on scale of 1:125,000.

² Babylon, Fire Island, Northport, and Setauket sheets on scale of 1:62,500, have been reduced and form Islip sheet, on scale of 1:125,000.

³ Elmira, Ithaca, Watkins, and Waverly sheets, on scale of 1:62,500, have been reduced and form Watkins Glen sheet, on scale of 1:125,000.

⁴ Shows wooded areas.

⁵ Mount Marcy and vicinity map includes Ausable, Elizabethtown, Lake Placid, and Mount Marcy sheets. Mount Marcy and vicinity forestry map uses the same base.

⁶ Cornwall sheet, on scale of 1:62,500, has been reduced and forms part of Litchfield sheet, on scale of 1:125,000.

⁷ Lockport, Niagara Falls, Olcott, Tonawanda, and Wilson sheets, on scale of 1:62,500, have been reduced and form parts of Niagara sheet, on scale of 1:125,000.

⁸ Cambridge, Fort Ann, and Pawlet sheets, on scale of 1:62,500, have been reduced and form parts of Mettawee sheet, on scale of 1:125,000.

⁹ New Brunswick and Sandy Hook sheets, on scale of 1:62,500, have been reduced and form parts of Navesink sheet, on scale of 1:125,000.

¹⁰ New York City and vicinity map includes Brooklyn, Harlem, Paterson, Staten Island, and parts of Hempstead, Oyster Bay, and Sandy Hook sheets.

¹¹ Niagara Falls and vicinity map includes Niagara Falls, Tonawanda, and Wilson sheets.

¹² Niagara River and vicinity map includes part of all sheets bordering on Niagara River.

¹³ Rochester special sheet includes parts of Rochester and Ontario Beach sheets.

¹⁴ Oswego special sheet includes parts of Oswego and Fulton sheets.

Ovid.
 Owego.¹
 Oxford.
 Oyster Bay (N. Y.-Conn.).²
 Palmyra.
 Paradox Lake.
 Passaic (N. J.-N. Y.).³
 Paterson (N. J.-N. Y.).^{2,3}
 Pawlet (Vt.-N. Y.).⁴
 Penn Yan.
 Phelps.
 Phoenicia.
 Piseco Lake.
 Pitcher.
 Pittsfield (Mass.-N. Y.).⁵
 Plainfield (N. J.-N. Y.).
 Plattsburg (N. Y.-Vt.)
 Portage.
 Port Henry (N. Y.-Vt.).
 Port Jervis (N. Y.-N. J.-Pa.).
 Port Leyden.
 Potsdam.
 Poughkeepsie.
 Pulaski.
 Pultneyville.
 Ramapo (N. Y.-N. J.).
 Raquette Lake.
 Red Mills.
 Remsen.
 Rhinebeck.
 Richfield Springs.
 Richmondville.
 Ridgeway.
 Riverhead.
 Rochester.⁶

Rochester special.⁶
 Rosendale.
 Rouse Point (N. Y.-Vt.).
 Sacketts Harbor.
 Sag Harbor.
 St. Regis.
 Salamanca.
 Sandy Hook (N. J.-N. Y.).^{2,7}
 Sangerfield.⁸
 Santononi.
 Saranac.
 Saratoga.
 Schenectady.⁹
 Schoharie.
 Schroon Lake.
 Schunemunk.
 Schuylerville.
 Setauket.¹⁰
 Sheffield (Mass.-Conn.-N. Y.).¹¹
 Shelter Island.
 Silver Creek.
 Skaneateles.
 Slide Mountain.
 Sodus Bay.
 Stamford (Conn.-N. Y.).
 Staten Island (N. J.-N. Y.).
 Stonington (Conn.-R. I.-N. Y.).
 Stony Creek.
 Stony Island.
 Syracuse.
 Taberg.
 Taconic (N. Y.-Mass.-Vt.).¹²
 Tarrytown (N. Y.-N. J.).
 Theresa.
 Thirteenth Lake.

¹ Apalachin, Dryden, Harford, and Owego sheets, on scale of 1:62,500, have been reduced and form Catatunk sheet, on scale of 1:125,000.

² New York City and vicinity map includes Brooklyn, Harlem, Paterson, Staten Island, and parts of Hempstead, Oyster Bay, and Sandy Hook sheets.

³ Paterson and Staten Island sheets, on scale of 1:62,500, have been reduced and form parts of Passaic sheet, on scale of 1:125,000.

⁴ Cambridge, Fort Ann, and Pawlet sheets, on scale of 1:62,500, have been reduced and form parts of Mettawee sheet, on scale of 1:125,000.

⁵ Pittsfield and Sheffield sheets, on scale of 1:62,500, have been reduced and form parts of Housatonic sheet, on scale of 1:125,000.

⁶ Rochester special sheet includes parts of Rochester and Ontario Beach sheets.

⁷ New Brunswick and Sandy Hook sheets, on scale of 1:62,500, have been reduced and form parts of Navesink sheet, on scale of 1:125,000.

⁸ Shows wooded areas.

⁹ Albany and vicinity map includes Albany, Cohoes, Schenectady, and Troy sheets.

¹⁰ Babylon, Fire Island, Northport, and Setauket sheets, on scale of 1:62,500, have been reduced and form Islip sheet, on scale of 1:125,000.

¹¹ Pittsfield and Sheffield sheets, on scale of 1:62,500, have been reduced and form parts of Housatonic sheet, on scale of 1:125,000.

¹² Berlin and Hoosick sheets, on scale of 1:62,500, have been reduced and form parts of Taconic sheet, on scale of 1:125,000.

Ticonderoga (N. Y.-Vt.).
 Tonawanda.^{1 2 3}
 Troy.⁴
 Tully.
 Tupper Lake.
 Utica.
 Waddington.
 Warren (Pa.-N. Y.).
 Watertown.
 Watkins.⁵
 Watkins Glen.⁵

Waverly.⁵
 Wayland.
 Weedsport.
 West Canada Lakes.
 Westfield.
 West Point.
 Whitehall (N. Y.-Vt.).
 Willsboro (N. Y.-Vt.)
 Wilmurt.
 Wilson.^{1 2}
 Winfield.

PRIMARY LEVELING.

Dannemora, Loon Lake, Lyon Mountain, and Santa Clara quadrangles.

CLINTON AND FRANKLIN COUNTIES.

Part of the leveling in Lyon Mountain quadrangle and most of the leveling in the Loon Lake quadrangle was done in 1903 by George Seidel; additional leveling was done in the Loon Lake and Santa Clara quadrangles in 1906 by G. M. Dimmick.

The permanent bench marks set in 1903 are marked "FORT COVINGTON 1903" in addition to figures of elevation; those set in 1906 are stamped "ADJ 1903," in addition to the figures of elevation.

The leveling in the Dannemora quadrangle, with additional leveling in the Lyon Mountain quadrangle, was done in 1911 by J. W. Perkins. This work is somewhat unreliable because two sections in which excessive errors appeared were not re-run.

LOON LAKE QUADRANGLE.

Onchiota north along the New York Central & Hudson River R. R. to Owls Head.

	Feet.
Onchiota, 150 feet south of station, east side of track, in large boulder; aluminum tablet stamped "1710 FORT COVINGTON".....	1, 710. 514
Lake Kushaqua, 1.6 miles north of, east side of track, at milepost "Herkimer 146;" top of vertical rail in ground (R. R. b. m.).....	1, 760. 73
Loon Lake, 1.7 miles south of, east side of track, at milepost "Herkimer 147;" top of vertical rail in ground (R. R. b. m.).....	1, 778. 79
Loon Lake, 0.7 mile south of, east side of track, at milepost "Herkimer 148;" top of vertical rail in ground (R. R. b. m.).....	1, 777. 57
Loon Lake, 500 feet south of station, west side of track, in large boulder; aluminum tablet stamped "1749 FORT COVINGTON 1903".....	1, 749. 109
Loon Lake, 1.3 miles north of, east side of track, at milepost "Herkimer 150;" top of vertical rail in ground (R. R. b. m.).....	1, 687. 95
Plumadore, 2.4 miles south of, east side of track, at milepost "Herkimer 151;" top of vertical rail in ground (R. R. b. m.).....	1, 687. 36

¹ Lockport, Niagara Falls, Olcott, Tonawanda, and Wilson sheets, on scale of 1:62,500, have been reduced and form parts of Niagara sheet, on scale of 1:125,000.

² Niagara Falls and vicinity map includes Niagara Falls, Tonawanda, and Wilson sheets.

³ Niagara River and vicinity map includes parts of all sheets bordering on Niagara River.

⁴ Albany and vicinity map includes Albany, Cohoes, Schenectady, and Troy sheets.

⁵ Elmira, Ithaca, Watkins, and Waverly sheets, on scale of 1:62,500, have been reduced and form Watkins Glen sheet, on scale of 1:125,000.

Plumadore, 1.5 miles south of, east side of track, at milepost "Herkimer 152;" top of vertical rail in ground (R. R. b. m.).....	Feet. 1,685.30
Plumadore, 2.4 miles north of, east side of track, at milepost "Herkimer 156;" top of vertical rail in ground (R. R. b. m.).....	1,513.23
Mountain View, 3.1 miles south of, east side of track, at milepost "Herkimer 157;" top of piece of rail set in ground (R. R. b. m.).....	1,509.04
Owls Head, 0.8 mile south of, east side of track, at milepost "Herkimer 162;" top of vertical rail in ground (R. R. b. m.).....	1,517.18
Owls Head, railroad crossing; top of rail.....	1,527.1
Owls Head, southeast pier of water tank; aluminum tablet stamped "1526 FORT COVINGTON 1903".....	1,526.020

Loon Lake along public road southeast via Chases to Merrillville.

Loon Lake, Delaware & Hudson Co. R. R. crossing; top of rail.....	1,731.1
Vermontville, 5.6 miles north of, 4.3 miles south of Chases, at road crossing, in large boulder; aluminum tablet stamped "1776 FORT COVINGTON".....	1,776.288

Plumadore along Delaware & Hudson Co. R. R. northwest to Twin Pond (single spur line).

Lower Middle kiln, railroad crossing; top of rail.....	1,488.4
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Owls Head along highway west to Titusville, thence south to Duane.

Walkers Mill, 200 feet east of, east side of road, 75 feet south of bridge, in large boulder; aluminum tablet stamped "1495 FT. COVINGTON 1903".....	1,495.081
Duane Center (3.3 miles west of Walkers Mills), foundation wall of Methodist church, south end of east face; bronze tablet stamped "1655 ADJ 1903".....	1,655.262

SANTA CLARA QUADRANGLE.

Duane west via Everton to St. Regis Falls.

Duane Center, 3.6 miles west of, in ledge of rock 15 feet south of center of highway and 140 feet west of highway bridge over Deer River; bronze tablet stamped "1449 ADJ 1903".....	1,448.944
Duane Center, 6.8 miles west of, 800 feet west of creek crossing, 10 feet south of highway; bronze tablet stamped "1423 ADJ 1903".....	1,422.967
Everton, 10 miles west of Duane Center, 150 feet north of old dam, in large outcropping rock, 12 feet west of center of highway; bronze tablet stamped "1424 ADJ 1903".....	1,424.076
Everton, 3.2 miles west of, 18 feet south of center of highway, 100 feet west of residence of W. Sampson, in outcropping rock; bronze tablet stamped "1546 ADJ 1903".....	1,545.871

LYON MOUNTAIN QUADRANGLE.

At Twin Pond.

Twin Pond, Delaware & Hudson Co. R. R. station, 100 feet west of, south wing of west abutment of railroad bridge; aluminum tablet stamped "1443 FT. COVINGTON 1903".....	1,442.824
Twin Pond, Delaware & Hudson Co. R. R. b. m. "2078+82," cross cut into south corner of parapet abutment.....	1,442.91

Twin Pond along Delaware & Hudson Co. R. R. northeast to point north of Chazy Lake post office, thence south and east to Russia station.

Twin Pond, 0.8 mile east of, 12 feet south of center of track, in west end of concrete culvert cap; painted square on top, marked "1506".....	1,505.99
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Standish, 100 feet west of, opposite section house, at southwest corner of railroad water standpipe, on concrete base; marked "1578.3".....	Feet. 1, 578.34
Standish, 0.7 mile east of, on south abutment of concrete culvert, 6 feet west of center of track; aluminum tablet stamped "1598".....	1, 597.970
Lyon Mountain, 185 feet west of, south wing of east abutment of railroad bridge over brook; 11 feet from center of track; aluminum tablet stamped "1753".....	1, 753.447
Bradley Pond switch, 200 feet east of; top of concrete culvert, marked "1712".....	1, 712.10
Lyon Mountain, 2.7 miles northeast of, on Delaware & Hudson Co. R. R.; top of concrete culvert, marked "1715.3".....	1, 715.33
Lyon Mountain, 3 miles northeast of, on southeast end of south abutment of concrete culvert, near junction of railroad sections 7 and 9, 12 feet from center of track; aluminum tablet stamped "1715".....	1, 715.232
Chazy Lake, 215 feet north of, on east side of concrete railway bridge over brook, 10 feet from center of track; aluminum tablet stamped "1605".....	1, 605.174
Russia, 3.3 miles west of station, on west end of concrete culvert, 14 feet from center line of location of track; aluminum tablet stamped "1598".....	1, 597.982
Russia, 110 feet east of station, in top of concrete culvert, 11 feet from center of main track of Delaware & Hudson R. R.; aluminum tablet stamped "1489".....	1, 489.250

Picketts Corners southwest along highway to point near Merrillville.

Picketts Corners, on rock in yard of F. Bresett, 2 feet from fence line and 40 feet from corner of store; aluminum tablet stamped "801".....	799.815
Saranac Hollow, on stone post at fence corner near intersection of Redford road and road to Burnt Hill; drill hole in top of stone marked "778.0".....	777.07
Moffittsville, west end of wooden bridge over Saranac River; elevation painted on large stone marked "797.6" at south side of bridge.....	796.67
Moffittsville, 0.5 mile west of, in grass plot between two roads from Moffittsville to Redford; drill hole in top of stone marked "926.9".....	925.93
Moffittsville, 1.7 miles west of, near intersection of Saranac and Redford (old plank) roads with road passing Patrick Moore's house, 5 feet east of center of former road and 100 feet north of center line of latter, in granite stone in wall; aluminum tablet stamped "1125".....	1, 123.705
Redford, 0.5 mile south of, beside Clayburg road, at forks opposite road that crosses Saranac River on iron bridge; point on rock marked "1097.3".....	1, 096.38
Redford, 1.1 miles south of, at road corner, 9 feet from corner of fence; square cut in top of rock marked "1109.8".....	1, 108.85
Clayburg, on northwest corner of north abutment of iron bridge over Saranac River; aluminum tablet stamped "1119".....	1, 117.641
Clayburg, 0.25 mile north of, on Cold Brook road at road corner; square cut on small stone marked "1132.0".....	1, 131.03
Clayburg, 2.3 miles north of, opposite Ans's store; point on rock marked "1135.9".....	1, 134.97
Cold Brook, on south abutment of west wall of iron bridge over north branch of Saranac River where Cold Brook enters; aluminum tablet stamped "1145".....	1, 144.141
Cold Brook, by roadside in front of schoolhouse; point on rock marked "1167.4".....	1, 166.53
Cold Brook, 1 mile west of, 250 feet west of Mrs. P. Hanlon's residence, 12 feet south of road; point on stone marked "1193.2".....	1, 192.27

¹ The true elevation of this bench mark may be 1 foot greater.

Cold Brook, 3.2 miles west of, at road corner, in boulder opposite school No. 12; aluminum tablet stamped "1365".....	Fect. 1, 364. 116
Sugar Bush, 1 mile north of post office, at road corner, near fence corner; square cut in top of boulder marked "1570.8".....	1, 569. 91
Sugar Bush, 0.8 mile south of, at fork in roads, in rock in grass triangle between Alderbrook road and road to Merrillville; aluminum tablet stamped "1616".....	1, 614. 686
Merrillville, 1.4 miles east of guide boards, at road corner; square cut in top of boulder marked "1501.2".....	1, 500. 35
Vermontville, 5.6 miles north of, 4.3 miles south of Chases road crossing, in large boulder; aluminum tablet stamped "1776".....	1, 776. 288

Disco along highways west to Alderbrook.

Disco, 2.1 miles south of post office, at road corner; square cut in top of stone marked "1191.7".....	1, 190. 63
Goodriches Mills, between district school No. 8 and road corner, in a stone in field, 200 feet from school and 50 feet from road; aluminum tablet stamped "1151".....	1, 149. 852
Goodriches Mills, 1.8 miles west of, in front of house of M. Yelle; point on stone marked "1220.0".....	1, 218. 94
Goodriches Mills, 2.7 miles west of, at road corner, in front of residence of M. Tearney; square cut in top of stone marked "1291.8".....	1, 290. 72
Silver Lake, 2.3 miles east of, at road corner, on stone in field near stone wall at north side of road, 100 feet west of road corner; aluminum tablet stamped "1514".....	1, 513. 211
Hawkeye (Silver Lake), in front of hotel near boathouse; point on rock marked "1402.6".....	1, 401. 58
Silver Lake; surface of water, August 21, 1911.....	1, 393. 4
Hawkeye, 1.4 miles west of, 150 feet east of road corner, on north side of road, in boulder; aluminum tablet stamped "1542".....	1, 541. 134
Union Falls, on west wing wall of concrete dam, under gate house; square cut in concrete, marked "1398.8".....	1, 397. 71
Alderbrook, 0.2 mile east of post office, in front of church, near cemetery gate, on boulder; aluminum tablet stamped "1607".....	1, 606. 183
Alderbrook, 0.2 mile west of post office, at road corner near yellow school-house; point on stone marked "1534.7".....	1, 533. 62
Alderbrook, 1.2 miles west of, on boulder at road corner; square cut with drill hole in center, on top of rock marked "1347.5".....	1, 346. 44
Alderbrook, 2.8 miles west of, at road corner; point on boulder marked "1501.2".....	1, 500. 347

DANNEMORA QUADRANGLE.

Saranac south along highway to Disco.

Saranac, 0.7 mile southeast of, 300 feet east of red schoolhouse, at road corner; point on stone marked "761.3".....	760. 28
Saranac, 1.9 miles south of, at road corner; square cut in stone marked "974.1".....	973. 13
Saranac, 2.8 miles south of, at district No. 1 school, in stone 30 feet from school and 20 feet from road; aluminum tablet stamped "1203".....	1, 202. 269
Redford, about 2.5 miles east of, 50 feet north of road corner, on road to Peasleeville and Saranac; drill hole in top of rock marked "1463.0"....	1, 462. 01
Disco, on stone 100 feet west of road corner and opposite butter factory; aluminum tablet stamped "1158".....	1, 157. 155

Disco, in front of red schoolhouse, 1,200 feet north of post office, square cut in top of stone marked "1218.7".....	Feet. 1, 217. 67
Disco, 1 mile south of post office, at road corner, in rock opposite house; bronze tablet stamped "1132".....	1, 130. 977
Russia station along Delaware & Hudson Co. R. R. northeast to Dannemora, thence southeast to point 3 miles east of Morrisonville, thence along highway south to Lapham, thence along Delaware & Hudson Co. R. R. southwest to Harkness, thence along highway west, north, and west to Redford.	
Russia station, 110 feet east of, 11 feet from center of main track, in top of concrete culvert; aluminum tablet stamped "1489".....	1, 489. 250
Dannemora, 2.3 miles west of, 10 feet from center of track, 15 feet from center of highway near crossing, in top of culvert; bronze tablet stamped "1351".....	1, 351. 044
Dannemora, 0.6 mile east of, 150 feet west of railroad milepost marked "P. 19;" top of concrete culvert marked "1279.5".....	1, 279. 62
Dannemora, 1.5 miles east of, on concrete culvert top, 10 feet from center line of location of track; aluminum tablet stamped "1188".....	1, 188. 445
Cadyville, 5.4 mile west of, on top of concrete culvert over brook; bronze tablet stamped "734".....	734. 386
Morrisonville, 1.5 miles west of, 6 feet north of center of track, on concrete culvert at highway crossing; bronze tablet stamped "593".....	593. 364
Morrisonville, 0.9 mile east of, on top of concrete cattle pass, 12 feet from center of track; bronze tablet stamped "384".....	384. 121
Morrisonville, 3.5 miles east of, about midway between West End switch and railroad milepost marked "L.P.76-P.7," on top of concrete culvert; aluminum tablet stamped "294".....	294. 277
Peru, 4.9 miles north of, where road to Peru crosses road connecting Schuyler Falls and South Plattsburg (Salmon River station), near telephone pole; point on stone marked "284.3".....	284. 58
Peru, 4 miles north of, at roadside, 730 feet north of road corner, near residence of Charles Wright, on bowlder; aluminum tablet stamped "318".....	318. 103
Peru, 2.1 miles north of, at road crossing about 0.5 mile north of Lapham Mills; square cut on top of rock marked "320.5".....	320. 75
Peru, 0.9 mile east of, on culvert top on State highway about 200 feet east of residence of Barney Fitzpatrick; aluminum tablet stamped "294"....	294. 696
Peru, 960 feet north of post office, at road corner, near telephone pole; square cut on top of rock marked "351.9".....	352. 24
Peru, in front of station; top of north rail of main track, marked "346.2"...	346. 6
Peru, 1.5 miles south of, 7 feet west of track, on stone abutment of cattle pass; aluminum tablet stamped "378".....	378. 634
Harkness, at crossing near Harkness station; top of south rail of main track, marked "374.1".....	374. 4
Harkness, 0.6 mile west of, 10 feet north of Peasleeville road, 130 feet west of road corner, 20 feet west of small culvert, in granite bowlder; aluminum tablet stamped "379".....	379. 220
Harkness, 1.6 miles west of, at road corner near residence of Warren Kirby, at north fence corner; square cut on stone marked "641.8".....	642. 19
Harkness, 3.6 miles west of, 12 feet east of Peasleeville road, and 1,200 feet north of residence of Thos. Boyd, in bowlder; aluminum tablet stamped "556".....	556. 174
Harkness, 4.2 miles west of, on road to Peasleeville, at road corner near residence of Lawrence Clair, in grass triangle; square cut in small stone marked "722.0".....	722. 38

Harkness, 5.2 miles west of, on road to Peasleeville, at road corner; square cut on stone marked "1105.7".....	Feet. 1, 106. 07
Peasleeville, 4.2 miles south of, at road corner on Harkness road; point on small stone marked "1041.4".....	1, 041. 82
Peasleeville, 3.2 miles south of, on Harkness road, at road corner, 15 feet west of Peasleeville road, opposite road to Peru, in small boulder; aluminum tablet stamped "949".....	949. 526
Peasleeville, 2.2 miles south of, at road corner, on Harkness road, opposite telephone pole; point on stone marked "855.4".....	855. 82
Peasleeville, 1.6 miles east of, on road to Peru, on rock at road corner near Patent school; square cut on top of stone marked "725.5".....	725. 98
Peasleeville, 1 mile east of, bridge over Salmon River.....	668. 8
Salmon River; surface of water under bridge, September 18, 1911.....	660. 6
Peasleeville, 1 mile east of post office, on road to Peru, at road corner opposite Ricketson's store; square cut on stone marked "691.7".....	692. 16
Peasleeville, on rock near wall opposite Methodist Church and under elm tree, 11 inches in diameter; aluminum tablet stamped "754".....	754. 54
Peasleeville, 0.9 mile west of post office, on road to Redford, at road corner; square cut on top of small stone marked "723.8".....	724. 23

Massena and Potsdam quadrangles.

ST. LAWRENCE COUNTY.

The elevations in the following list are based upon an aluminum tablet in wall of Music Hall at Norwood. The elevation of this bench mark is accepted as 330.017 feet above mean sea level.

The leveling was done in 1906 by G. M. Dimmick.

A check obtained at Winthrop was 1 foot too high; all or part of the elevations may therefore be 1 foot too high.

POTSDAM QUADRANGLE.

Norwood via Potsdam to South Colton.

Norwood, 2.6 miles south of, in brickwork of schoolhouse, north end of west face, 30 inches above ground; bronze tablet stamped "401 ADJ 1903"....	Feet. 401. 129
Potsdam, in third step of main entrance of Clarkson school building; aluminum tablet stamped "433 ADJ 1903".....	433. 250
Potsdam, 3.7 miles south of, in foundation wall of the residence of G. B. Crandall, west end of north face; bronze tablet stamped "544 ADJ 1903"....	543. 825
Potsdam, 6.5 miles south of, in south end of east abutment of highway bridge over Raquette River; bronze tablet stamped "559 ADJ 1903"....	558. 654
Colton, in foundation wall of Catholic Church, west end of south face; aluminum tablet stamped "847 ADJ 1903".....	846. 845
South Colton, in foundation wall of Methodist Church, center of south face; bronze tablet stamped "927 ADJ 1903".....	926. 925

South Colton via Clear Pond and Parishville to Converse.

South Colton, 3.2 miles northeast of, in large rock 15 feet south of center of highway, 400 feet east of farmhouse, owned by W. P. Lindsay; aluminum tablet stamped "1010 ADJ 1903".....	1, 009. 777
South Colton, 6.5 miles northeast of, 20 feet east of Perkins schoolhouse, District No. 16, in large rock; aluminum tablet stamped "1304 ADJ 1903".....	1, 304. 313

South Colton, 10.1 miles northeast of (Clear Pond), in foundation of stone building, north end of east face; bronze tablet stamped "1314 ADJ 1903".	Feet. 1, 314. 220
South Colton, 13.9 miles northeast of, in rock at primary triangulation station Whites Hill (South), 350 feet west of highway; bronze triangulation tablet stamped "1436 ADJ 1903".....	1, 435. 560
South Colton, 14.3 miles northeast of, in rock at primary triangulation station Whites Hill (North), 400 feet west of highway; bronze tablet stamped "1427 ADJ 1903".....	1, 426. 995
Parishville, in foundation wall of Baptist Church, west end of south face; aluminum tablet stamped "903 ADJ 1903".....	903. 068
Parishville, 3.2 miles northeast of, in brickwork of house owned by Charles Cuttings, west end of north face; bronze tablet stamped "774 ADJ 1903".	773. 925

Potsdam east to Converse, thence north to Buckton.

Potsdam, 2.4 miles east of, in brickwork of schoolhouse, center of south face; bronze tablet stamped "469 ADJ 1903".....	469. 344
Potsdam, 5.7 miles east of, in top of south end of west abutment of highway bridge over St. Regis River; bronze tablet stamped "507 ADJ 1903"....	507. 135
Potsdam, 8.2 miles east of, in stonework of stone house owned by H. Converse, west end of north face; aluminum tablet stamped "648 ADJ 1903".	648. 131
Potsdam, 11.3 miles northeast of, in brickwork of Beechertown schoolhouse, west end of south face, 10 bricks from foundation wall and 16 bricks from southwest corner; bronze tablet stamped "549 ADJ 1903".....	548. 694
Buckton, in brickwork of M. E. Church, center of west face, 6 bricks above foundation wall; bronze tablet stamped "405 ADJ 1903".....	404. 971

MASSENA QUADRANGLE.

Buckton north to Winthrop.

Stockholm, 2.7 miles north of Buckton, in brickwork of residence of Andrew Traverse, west end of south face; aluminum tablet stamped "376 ADJ 1903".....	376. 265
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Antwerp, Canton, Hammond, and Ogdensburg quadrangles.

JEFFERSON AND ST. LAWRENCE COUNTIES.

The elevations in the following list are based upon the precise leveling of the U. S. Board of Engineers on Deep Waterways and of the U. S. Geological Survey. For additional elevations in Ogdensburg quadrangle and adjoining quadrangles see Bulletin 281, pages 59 to 63.

The leveling was done in 1908 by F. B. Northrup.

ANTWERP QUADRANGLE.

Felt's Mills north via Philadelphia to point about 10 miles south of Rossie.

Felt's Mills, bridge over North Branch of Black River, on east end of south abutment (island abutment); bronze tablet stamped "583".....	Feet. 582. 456
Felt's Mills, 1.1 miles east of, 24 feet north of center of track; center of painted circle on bowlder marked "644.2".....	644. 23
Great Bend, 4.0 miles north of, 40 feet west of center of road, 2 feet east of west line fence, 650 feet south of T road leading to Sterlingville; iron post stamped "642".....	642. 420
Philadelphia, 4.2 miles south of, bridge over Trout Brook, on southwest abutment; chiseled square marked "553.4".....	553. 56

Philadelphia, 3.4 miles south of, at crossroads known as Stricklands Corners, 12 feet west of center of road, 54 feet south of center of road, 36 feet east of west line fence, in granite outcrop; aluminum tablet stamped "562" ..	561.670
Philadelphia, town hall, in south end of east face; aluminum tablet stamped "492" ..	492.235
Philadelphia, 2.4 miles north of, 7 feet west of center of road, 66 feet north of farmhouse of O. N. Riddell, on top of granite outcrop; center of painted circle marked "469.4" ..	469.66
Philadelphia, 3.3 miles north of, lower end of granite outcrop, at Halls Corners, 48 feet northwest of center of iron bridge over creek, at junction of roads north and northwest; aluminum tablet stamped "435" ..	434.813
Philadelphia, 5.6 miles north of, 12 feet west of center of road, 10 feet east of west line fence, on granite boulder; center of painted circle marked "468.9" ..	469.18
Philadelphia, 6.8 miles north of, on red sandstone ledge 24 feet west of center of road; aluminum tablet stamped "463" ..	463.588

Great Bend east about 4 miles, thence north to Keenes station.

Great Bend, 0.7 mile east of, 15 feet south of center of road, 12 feet north of south line fence, on sandstone boulder; center of painted circle marked "667.5" ..	668.06
Deferiet, 1.8 miles east of Great Bend, in northeast abutment of iron bridge over Black River; aluminum tablet stamped "640" ..	640.903
Great Bend, 2.3 miles east of, southwest abutment of iron bridge over canal leading to St. Regis Paper Co.'s mill; center of painted circle marked "672.3" ..	672.84
Great Bend, 3.7 miles east of, 10 feet north of center of road, 15 feet south of north line fence, 0.4 mile west of Utica Division tracks of Rome, Watertown & Ogdensburg R. R., in sandstone outcrop; aluminum tablet stamped "737" ..	737.710
Great Bend, 5.3 miles east of, at T road south known as Gate's Corners, 6 feet east of center of road, 6 feet west of east line fence, on granite boulder; center of painted circle marked "691.1" ..	691.66
Great Bend, 7.2 miles east of, northeast corner of veranda of house of Lotus S. Fargo, known as Fargo's Hotel, in sandstone outcrop; aluminum tablet stamped "762" ..	762.460
Great Bend, 8.0 miles northeast of, 9 feet east of center of road, 20 feet west of east line fence; center of painted circle on granite boulder marked "763.6" ..	764.03
Antwerp, 9.8 miles south of, 36 feet east of center of road, 375 feet south of farmhouse of L. J. Exford, in granite boulder; aluminum tablet stamped "695" ..	695.894
Antwerp, 7.9 miles south of, at northwest corner of intersection of crossroads, at base of maple tree in southeast corner of yard of Mr. Lewis, on granite boulder; center of painted circle marked "709.5" ..	709.93
Antwerp, 6.5 miles south of, 12 feet west of center of road, 45 feet east of farmhouse of Charles Arnold, in sandstone outcrop; aluminum tablet stamped "633" ..	633.432
Antwerp, 4.3 miles south of, 12 feet east of center of road, 4 feet west of east line fence, on granite outcrop; chiseled square marked "622.8" ..	623.11
Antwerp, 3.2 miles north of, 18 feet east of west line fence, 20 feet west of center of road, 135 feet northeast of farmhouse of J. H. White, in lower end of sandstone ledge; aluminum tablet stamped "618" ..	618.526
Antwerp, town hall, east end of front stone entrance; aluminum tablet stamped "530" ..	529.813

Antwerp, in front of station; top of rail.....	Feet. 539.4
Antwerp, 2.4 miles north of, 12 feet west of center of track, 24 feet east of west line fence, 120 feet west of farmhouse of Robert Dokin, in granite ledge; aluminum tablet stamped "526".....	526.654

HAMMOND QUADRANGLE.**Edwardsville south to Keenes station.**

Edwardsville, in foundation wall of Union Church, east end of south face; bronze tablet stamped "295".....	295.206
Edwardsville, 1.0 mile south of, lower end of granite outcrop, 4 feet east of center of road, 20 feet west of east line fence; center of painted circle marked "310.5".....	310.48
Pope Mills schoolhouse, north end of east face; aluminum tablet stamped "287".....	287.434
Pope Mills, 1.2 miles south of, bend in road at top of hill, 9 feet east of center of road, 15 feet west of east line fence, on granite boulder; center of painted circle marked "316.8".....	316.83
Pope Mills, 3.4 miles south of, west end of granite outcrop, 12 feet east of center of road, 63 feet southwest of farmhouse of B. F. Puffer; aluminum tablet stamped "382".....	382.103
Pope Mills, 4.8 miles south of, 12 feet west of east line fence, 4 feet east of center of road, on stone east of stone drain; center of painted circle marked "312.6".....	312.64
Pope Mills, 6.7 miles south of, at bend in road, 5 feet east of center of road, 12 feet east of west line fence, 793 feet south of T road west, in lower end of granite outcrop; bronze tablet stamped "439".....	438.770
Pope Mills, 8.9 miles south of, 18 feet west of center of road, 10 feet east of west line fence, 150 feet northwest of farmhouse of Edwin Wilson; center of painted circle on granite boulder marked "509.7".....	509.70
Elmdale, southwest abutment of iron bridge over Oswegatchie River; bronze tablet stamped "336".....	335.596
Elmdale, 2.2 miles south of, 9 feet west of center of road, 3 feet east of west line fence, on granite outcrop; center of painted circle marked "457.6".....	457.64
Summerville, 4.3 miles north of, northwest abutment of iron bridge over Oswegatchie River; aluminum tablet stamped "365".....	365.412
Summerville, 2.3 miles north of, 12 feet west of center of road, 4 feet east of west line fence, on granite boulder; center of painted circle marked "461.2".....	461.23
Summerville, north end of east face of hotel, stone building; aluminum tablet stamped "460".....	459.626
Keenes station, 66 feet south of center of highway, 45 feet east of center of track, 150 feet southwest of Kentfield House hotel, in lower end of granite outcrop; aluminum tablet stamped "465".....	465.577
Keenes, in front of station; top of rail.....	464.8

Point 10 miles south of Rossie north to Oak Point.

Rossie, 8.5 miles south of, at T road west leading through farm of Mr. Egglestone to Muscalonge Lake, 12 feet east of center of road, 10 feet west of east line fence, in granite boulder; aluminum tablet stamped "393".....	393.237
Rossie, 6.2 miles south of, 15 feet east of center of road, 1 foot east of east line fence, in front of farmhouse of C. B. Lynde, on granite rock; center of painted circle marked "427.9".....	428.33

	Feet.
Oxbow, 2.2 miles north of, 10 feet east of center of road, 12 feet west of east line fence, in lower end of large granite outcrop; aluminum tablet stamped "409".....	408. 904
Rossie, 1.9 miles south of, southwest abutment of iron bridge over Indian River; aluminum tablet stamped "315".....	314. 916
Rossie, southwest abutment of iron bridge over Indian River; bronze tablet stamped "283".....	283. 583
Hammond, 4.0 miles south of, 12 feet east of center of road, 1 foot west of east line fence, on granite boulder; center of painted circle marked "292.6".....	293. 01
Hammond, 3.1 miles south of, at bend in road, 6 feet east of center of road, 8 feet west of east line fence, 438 feet south of farmhouse of Charles Murey; aluminum tablet stamped "360".....	360. 906
Hammond, 2.1 miles south of, southeast abutment of iron bridge over Black Creek; center of painted circle marked "279.6".....	280. 06
Hammond, town hall, south side of cement steps at front entrance, 8 inches from ground; bronze tablet stamped "361".....	361. 296
Hammond, 1.1 miles north of, 12 feet east of center of road, 7 inches west of east line fence, on sandstone ledge; center of painted circle marked "318.2".....	318. 79
Hammond, 2.5 miles north of, 10 feet west of center of road at T road west, 12 feet east of west line fence, 100 feet south of junction of T road and main road, on sandstone outcrop; center of painted circle marked "287.9".....	288. 37
Hammond, 3.4 miles north of, 18 feet south of center of road, 30 feet west of general store of S. N. Young, 33 feet southwest of junction of T road north, in granite boulder; aluminum tablet stamped "374".....	374. 109
Oak Point village, 0.3 mile south of, on crest of hill, west side of road, 22 meters northwest of intersection of river road and Oak Point road, 39 meters west of permanent bench mark 22, 1.7 meters south of large boulder marked "U. S. P. B. M. O. P." with arrow pointing to bench mark; same letters cut in bedrock, cemented into a sandstone rock 15 inches below surface of ground; round-headed $\frac{1}{4}$ -inch bolt.....	338. 427

Point 4 miles north of Spragueville west to point 1 mile west of Oxbow.

Oxbow, 2.1 miles east of, at Wegatchie, on T road north, in southwest corner of west guardrail of iron bridge over Oswegatchie River; bolt marked "353.4".....	353. 79
Oxbow, in northwest corner of park, in cement block; aluminum tablet stamped "351".....	351. 147
Oxbow, 1.0 mile west of, in center of road, at T road north, 50 feet south of fence corner, on rock; center of painted circle marked "355.5".....	355. 83

CANTON QUADRANGLE.

De Kalb Junction northeast along Rome, Watertown & Ogdensburg R. R. to Canton, thence north along highway to Madrid.

Canton, 5.5 miles southwest of, 9 feet south of railroad, 6 feet east of west line fence of highway, in granite ledge; chiseled square marked "389.7".....	389. 82
Canton, 4.0 miles southwest of, 12 feet south of railroad, 21 feet north of south line fence, in granite ledge; aluminum tablet stamped "398".....	397. 971
Canton, 1.0 mile southwest of, on southwest corner of railroad bridge abutment; chiseled square marked "367.6".....	366. 55
Canton, town hall, east end of top step of main entrance; aluminum tablet stamped "362".....	363. 132
Canton, 3.4 miles north of, at T road east, beside old State road, on granite boulder; chiseled square marked "375".....	375. 09

	Feet.
Canton, 4.5 miles north of, on old State road, in granite boulder, 720 feet north of farmhouse of H. E. & H. F. Egglestone, 10 feet west of center of road; aluminum tablet stamped "349".....	349. 045
Canton, 6.5 miles north of, on Old State road, 15 feet east of center of road, on granite boulder; chiseled square marked "331.9".....	330. 93
Madrid, 3.9 miles south of, on old State road, on farm of J. W. Wright, 525 feet northeast of crossroad, 130 feet east of center of road, in granite boulder; aluminum tablet stamped "315".....	314. 398
Madrid, 1.9 miles south of, on old State road, 15 feet west of center of road, 17 feet east of west line fence, on stone; chiseled square marked "357.2" ..	356. 25
Madrid, in foundation wall of Methodist Church, center of east face; bronze tablet stamped "320".....	319. 557

Norwood west along highway to Madrid Springs.

Norwood, in foundation wall of Music Hall, north end of east face, 28 inches above ground; aluminum tablet stamped "330".....	330. 017
Norwood, 1.2 miles west of, in old stone culvert at public highway crossing, 18 feet from center of track, 24 feet west of center of road, 3 feet west of north-south line fence; chiseled square marked "330.2".....	330. 38
Norwood, 3.2 miles west of, 18 feet north of south line fence, 28 feet south of center of track, in granite boulder; aluminum tablet stamped "328" ..	328. 020
Madrid, 2.0 miles east of station, 33 feet northeast of center of track, 15 feet north of center of road, 18 feet south of north line fence, on granite boulder; chiseled square marked "308.6".....	309. 13

Madrid Springs west along highway to Lisbon.

Madrid, 1.1 miles south of, 0.5 mile east of Madrid station, on north end of east abutment of railroad bridge over Grass River; chisel mark; abutment marked "296.6".....	295. 629
Madrid, 3.9 miles west of station, 65 feet north of railroad, 21 feet north of north line fence, in granite outcrop; aluminum tablet stamped "323" ..	322. 668
Lisbon, in foundation wall of Methodist Church, center of south face; bronze tablet stamped "357".....	357. 696

Canton east along highways via Crary Mills to Colton.

Canton, town hall, east end of top step of main entrance; aluminum tablet stamped "362".....	363. 132
Canton, 2.9 miles southeast of, T road east to Crary's Mills, on boulder west of junction; paint mark; boulder marked "377.8".....	377. 84
Canton, 3.0 miles southeast of, T road east, 600 feet south of bridge over Granite Brook, north abutment, west bridge seat; aluminum tablet stamped "363".....	363. 898
Crary Mills, west abutment of bridge over Granite Brook, southwest corner of abutment; aluminum tablet stamped "462".....	463. 238
Crary Mills, 3.1 miles southeast of, southeast abutment of bridge over Leonards Brook; aluminum tablet stamped "597".....	597. 177

OGDENSBURG QUADRANGLE.

Point 3 miles northwest of DeKalb Junction northeast 0.8 mile, thence southeast to point 0.8 mile northeast of DeKalb Junction.

DeKalb Junction, 2.2 miles north of, 300 feet northwest of highway crossing, 100 feet north of center of track of Rome, Watertown & Ogdensburg Railroad, 150 feet northeast of residence of Van Hunter, in solid rock; aluminum tablet stamped "393 ALBANY ADJ 1903".....	393. 221
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DeKalb Junction, 0.9 mile northeast of, on public highway, on stone at north end of field gate west of road, 35 feet southwest of mail box post; chisel mark; stone marked "418.1"	Feet. 418. 32
DeKalb Junction, 0.9 mile northeast of, east of public highway crossing, in ledge of rock 45 feet south of railroad, 12 feet east of west line fence; aluminum tablet stamped "462"	461. 976

Bench mark near Lisbon.

Lisbon, 2.4 miles east of, on stone at highway crossing, 30 feet north of railroad tracks, 10 feet east of center of highway; center of painted circle marked "349.8"	349. 91
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Big Moose, Carthage, Lowville, McKeever, Number Four, and Port Leyden quadrangles.

HERKIMER, LEWIS, AND ONEIDA COUNTIES.

The leveling was done in 1910, in the McKeever quadrangle by C. H. Semper, and in the Big Moose, Carthage, Lowville, Number Four, and Port Leyden quadrangles by James Rayburn. In 1911 additional leveling was done in the Lowville and Number Four quadrangles by K. E. Schlachter.

McKEEVER QUADRANGLE.

White Lake station west and north along highway via Porters Corners and Moose River to McKeever.

White Lake, 50 feet west of railroad, 10 feet north of wagon road, in 5-foot boulder; copper bolt stamped "1421 A"	Feet. 1, 420. 664
White Lake Corners, at northwest corner of crossroads, in outcrop; aluminum tablet stamped "1483"	1, 482. 859
White Lake Corners, 2.7 miles west of, at forks of road to Round Lake, 75 feet north of fork on Round Lake road, in large boulder; aluminum tablet stamped "1283"	1, 283. 258
Geo. Scheehl's place, in front of house at south margin of road; top of large boulder marked "U.S.B.M. 1379"	1, 379. 23
John Scheehl's place, 0.4 mile north of, 750 feet south of schoolhouse, 35 feet west of road, in large boulder in piece of low ground; aluminum tablet stamped "1309"	1, 308. 882
Junction of road to Boonville and Porters Corners, 200 feet north of Marvin Scoutin's house, 50 feet north of corner, in root of cherry tree; spike marked "U.S.B.M. 1215"	1, 214. 93
Porters Corners, 500 feet west of, forks of road, 75 feet north of road, in large boulder in pasture; bronze tablet stamped "Prim. Trav. Sta. 983, 1278" ..	1, 278. 122
Porters Corners, 1.2 miles north of, on east side of road, 700 feet south of white house; point on large boulder marked "U.S.B.M. 1324"	1, 323. 89
Moose River, 2 miles west of, in yard of Jim McHale's farm, 60 feet north of house, in top of large boulder; aluminum tablet stamped "1387"	1, 386. 901
Moose River, 340 feet north of hotel, on west side of road, in top of large granite outcrop; aluminum tablet stamped "1451"	1, 451. 412
Moose River, 1.1 miles east of, on north margin of road, 200 feet west of summit of hill; top of large boulder marked "U.S.□B.M. 1597"	1, 597. 520
McKeever, 0.5 mile west of, at small sand pit, at south side of road; top of boulder marked "U.S.□B.M. 1495"	1, 495. 28
McKeever, 600 feet south of station, west of track, in rock cut; copper bolt..	1, 543. 823

Bench mark at Minnehaha.

Minnehaha, 300 feet south of station, north end on east side of Moose River bridge, top of concrete parapet wall; aluminum tablet stamped "1683" .. 1, 682. 701

Fulton Chain west along log road and highway to Brantingham.

Fulton Chain, in front of town hall, in concrete sidewalk at southwest corner of building; aluminum tablet stamped "1705" 1, 704. 784
 Fulton Chain, 2.4 miles west of, at side of tote road; top of rock marked "U.S. B.M. 1901" 1, 900. 71
 Fulton Chain, 2.6 miles west of, near summit of grade, on south side of tote road, in sandstone boulder; aluminum tablet stamped "2001" 2, 000. 625
 Fulton Chain, 4.8 miles west of, Rossiter Camp, 360 feet west of small creek, at north side of road, in top of large boulder; chiseled square marked "U.S.B.M. 1703" 1, 702. 75
 Fulton Chain, 5.9 miles west of, 350 feet west of old lumber camp, on west side of tote road going up hill, in boulder; aluminum tablet stamped "1697" 1, 697. 386
 Fulton Chain, 7.1 miles west of, in front of log cabin at Frank Bladis's camp landing, 8 feet north of road, in top of large boulder; chiseled square marked "U.S.B.M. 1630" 1, 630. 13
 Big Otter Lake; surface of water (30 inches higher than normal), August 8, 1910 1, 585. 9
 Big Otter Lake, outlet, northeast corner, at junction of tote road to Fulton Chain and road to Brantingham, in boulder; aluminum tablet stamped "1599" 1, 599. 125
 Big Otter Lake, 1.2 miles west of, south side of road, on top of boulder; chiseled square marked "U.S.B.M. 1574" 1, 574. 50
 Hubbard Camp, 55 feet west of barn, 10 feet south of road, in large granite outcrop; aluminum tablet stamped "1517" 1, 517. 222
 Hubbard Camp, 1 mile west of, at summit of small hill, west margin of road, at top of granite outcrop; chiseled square marked "U.S.B.M. 1524" 1, 524. 69
 Hubbard Camp, 1.7 miles west of, on south margin of road, in top of granite boulder; chiseled square marked "U.S.B.M. 1490" 1, 489. 948
 Brantingham, 4.8 miles east of, north border of road at base of hill; chiseled square on rock painted "U.S.B.M. 1345" 1, 344. 62
 Brantingham, 4 miles east of, 20 feet west of road, in large boulder; aluminum tablet stamped "1309" 1, 308. 878
 Brantingham, 3.6 miles northeast of, 30 feet south of road, in root of large birch tree, painted "U.S.B.M. 1288"; spike 1, 288. 10

PORT LEYDEN QUADRANGLE.**Fulton Chain west along log road and highway to Brantingham.**

Brantingham, 0.8 mile north of, 30 feet north of bars to pasture, west side of road, in root of cherry tree; spike marked "U.S.B.M. 1272" 1, 271. 64
 Brantingham, in south face of foundation wall of T. Ness's barn, 250 feet west of four-corners; aluminum tablet stamped "ADJ 1903" 1, 259. 296

LOWVILLE QUADRANGLE.**Lowville northeast along highway to Beaver Falls.**

Lowville, 1,000 feet south of railroad station, west side of north abutment of railroad bridge over stream and highway; aluminum tablet stamped "864" 864. 529
 Lowville, 3.6 miles east of, in east abutment at south end of railroad bridge over Black River; aluminum tablet stamped "744" 744. 005

	Fect.
Black River; surface of water under above bridge, August 19, 1910.....	728
New Bremen, in north retaining wall of dam, on east side, at railroad bridge over Crystal Creek; chiseled square painted "T.B.M. 775".....	775. 10
New Bremen, in north retaining wall, on east side, at railroad bridge over Crystal Creek; aluminum tablet stamped "775".....	775. 119
New Bremen, 1.1 miles north of, in south abutment at east side of bridge; chiseled square marked "775".....	775. 34
Beaver Falls, 100 feet west of station, 5 feet north of track, in concrete culvert; aluminum tablet stamped "819".....	819. 238

Beaver Falls west along highway to Castorland.

Beaver River at Beaver Falls dam; surface of water, August 20, 1910.....	798
Beaver Falls, 3 miles west of, in concrete walk in front of Tom Tyner's house; aluminum tablet stamped "741".....	741. 571

Beaver Falls northeast along highway to Belfort, thence south to Crystal Lake, thence southwest to Lowville.

Croghan, 70 feet south of railroad, in north end of concrete step of store of Jos. A. Henry; aluminum tablet stamped "841".....	841. 221
Croghan, 1.9 miles northeast of, T road southeast; chiseled square on rock painted "T.B.M. 880".....	880. 27
Croghan, 2.8 miles northeast of, 500 feet south of house at west side of road; chiseled square on rock painted "T.B.M. 954".....	954. 58
Belfort, northeast corner of crossroads, west end of concrete porch step to Belfort Hotel; aluminum tablet stamped "1005".....	1, 004. 681
Belfort, 3.25 miles east of, in large rock at north side of road, 700 feet east of Fred Wooschlager's house, 1,000 feet west of Fred F. Coler's house; aluminum tablet stamped "1241".....	1, 241. 336
Belfort, 6.3 miles south of, 1.5 miles east of Kirschnerville, road intersection at schoolhouse (district No. 13), south side of road, 150 feet west of schoolhouse; chiseled square on rock painted "U.S.B.M. 1163.8".....	1, 164. 06
Kirschnerville, 1.5 miles east of, 6.3 miles south of Belfort road intersection at district No. 13 schoolhouse, south side of road, 150 feet west of schoolhouse; bronze tablet stamped "1164".....	1, 164. 129
Kirschnerville, 0.7 mile east of, 350 feet west of house to north, at north side of road; chiseled square on rock painted "U.S.B.M. 1025".....	1, 025. 69
Kirschnerville, 0.5 mile east of, 540 feet east of Grange Hall, southwest corner of T road south; chiseled square on rock painted "U.S.B.M. 1011.6".....	1, 011. 85
Kirschnerville, 0.5 mile east of, 1.5 miles south of intersection near Grange Hall, at southwest corner of T road west; chiseled square on rock painted "U.S.B.M. 1094.9".....	1, 095. 11
Kirschnerville, 0.5 mile east of, 1.5 miles south of road intersection near Grange Hall, 375 feet north of T road west, about 1,000 feet south of John Schack's house, in bedrock on west side of road; bronze tablet stamped "1093".....	1, 093. 369
Crystal Dale, 2 miles east of, on Lowville-Number Four road, 200 feet west of house of Mrs. Hiram Peak, southeast corner of T road south; chiseled square on boulder painted "U.S.B.M. 1148.6".....	1, 148. 83
Crystal Dale, 3.3 miles east of, northwest corner of Crystal Lake schoolhouse, in foundation, aluminum tablet stamped "1303".....	1, 303. 274
Crystal Dale, 300 feet east of Stephen Baker's house, at bend to south; spike in root of birch tree painted "U.S.B.M. 1259".....	1, 259. 20
Crystal Dale, near, in southwest corner of crossroads on summit, 200 feet west of big barn; top of iron pipe.....	1, 286. 02

Crystal Dale, 1.5 miles south of, on Erie Canal road at T road east, 85 feet north of intersection, 1,000 feet north of house of Horace Shaw, 25 feet east of center of road, in large bowlder; bronze tablet stamped "1143" ..	1, 142. 834
Crystal Dale, 1.2 miles south of, at T road west to Petries Corners, on east side of road; chiseled square in rock painted "U.S.B.M. 1191.2"	1, 191. 51
Petries Corners, 0.4 mile south of, 205 feet west of road intersection, chiseled square in cement floor of bridge over Crystal Creek; floor painted "U.S.B.M. 950.1"	950. 42
Petries Corners, 0.4 mile west of, at intersection of Lowville-Number Four road, north side of road; chiseled square on rock painted "U.S.B.M. 941.3"	941. 64
Petries Corners, 1.3 miles southwest of, on Lowville-Number Four road, 648 feet west of schoolhouse No. 3, 150 feet east of T road north, in south-east corner of retaining wall of bridge over Hodge Creek; bronze tablet stamped "818"	818. 036
Petries Corners, 3 miles southwest of, east end of Bushe's landing, north-east corner of intersection; chiseled square on rock painted "U.S.B.M. 763.5"	763. 91
Watson, bridge over Black River, in southwest retaining wall; bronze tablet stamped "744"	744. 268
Watson, 1.4 miles north of, at T road west; copper nail in root of tree, painted "U.S.B.M. 767"	767. 49

Belfort north along highway to Indian River, thence west to Carthage.

Belfort, 0.4 mile north of, on Belfort-Indian River road, at northeast corner of T road east; spike in root of maple tree painted "U.S.B.M. 1091.1" ..	1, 091. 24
Indian River, 50 feet west of St. Anthony's Catholic Church, in large bowlder; bronze tablet stamped "954"	954. 423
Indian River, 0.6 mile north of, at Indian River schoolhouse, northwest corner of T road west; chiseled square on rock painted "U.S.B.M. 7" ...	1, 041. 94
Indian River, 4.5 miles west of, at T road north, 25 feet west of intersection, at northwest corner; surface of bedrock; bronze tablet stamped "908"	907. 869
Indian River, 5.6 miles west of, north side of road, on summit; chiseled square on rock painted "U.S.B.M. 961, "	961. 65
Indian River, 6.9 miles west of, 0.4 mile west of schoolhouse; chiseled square on rock painted "U.S.B.M. 899"	899. 41

Crystal Lake east 1.6 miles along road toward Number Four.

Crystal Lake, 0.8 mile east of, south margin of road, on west bank of small stream; chiseled square on bowlder marked "U.S.B.M. 1279.5"	1, 279. 75
Crystal Lake, 1.6 miles east of, south margin of road, at brow of steep hill; chiseled square on bowlder marked "U.S.B.M. 1385"	1, 384. 95

Point 3.6 miles west of Long Pond southwest along road to Belfort.

Long Pond, 3.6 miles west of, T road north at Wm. Tanzer's sugar camp, in root of beech tree at northeast corner; spike marked "U.S.B.M. 1359.6"	1, 360. 33
Long Pond, 5 miles west of, at Prentiss road southeast, in root of maple tree at southwest corner of intersection; spike marked "U.S.B.M. 1338.7"	1, 339. 47
Long Pond, 6 miles west of, T road north to Besha Mill, at northwest corner of intersection; chiseled square on rock marked "U.S.B.M. 1132.4" ..	1, 133. 186

Long Pond, 6.7 miles west of, 735 feet east of Sunset schoolhouse, in south-west corner of foundation of Douglas Powell's house; aluminum tablet stamped "1209".....	1, 210. 230
Long Pond, 7.3 miles west of, at intersection of Alden Creek road, in root of maple tree at southeast corner; spike marked "U.S.B.M. 1209.5"....	1, 210. 34

Crystaldale along highway south to Chase Lake, thence east 3 miles.

Crystaldale, 1 mile south of, in bowlder on east side of road; aluminum tablet stamped "1143".....	1, 142. 834
Chase Lake, in carriage step of hotel; bronze tablet stamped "Prim. Trav. Sta. No. 1, 1259".....	1, 259. 308
Chase Lake, 1.25 miles east of, on stone at south side of road; painted circle, marked "1295".....	1, 295. 54

CARTHAGE QUADRANGLE.

Belfort north along highway to Indian River, thence west to Carthage.

Indian River, 8.3 miles west of, on Texas road, 135 feet east of point directly opposite Frank Trainer's house, 20 feet south of center of road, in large flat rock; aluminum tablet stamped "913".....	913. 619
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NUMBER FOUR QUADRANGLE.

Crystal Lake east along road to Beaver River.

Crystal Lake, 2.5 miles east of, on Lowville-Number Four road, bridge over Black Creek, west end, north side, in bridge seat; bronze tablet stamped "1319".....	1, 319. 188
Crystal Lake, 3.8 miles east of, 15 feet south of road, 50 feet east of wood road south; chiseled square on bowlder marked "U.S.B.M. 1507.7"....	1, 507. 997
Crystal Lake, 4.9 miles east of, at north margin of road; chiseled square on granite outcrop marked "U.S.B.M. 1594".....	1, 593. 86
Number Four, 0.6 mile west of, north margin of road, wood road to south, house to north; chiseled square on granite outcrop, marked "U.S.B.M. 1605.6".....	1, 605. 84
Number Four, in west corner of south foundation of Henry Turk's barn; aluminum tablet stamped "1583".....	1, 582. 917
Number Four, southwest corner of T road southeast; chiseled square on bowlder, marked "U.S.B.M. 1567.7".....	1, 566. 93
Number Four, 2.5 miles east of, south margin of road; chiseled square on sandstone bowlder, marked "U.S.B.M. 1523".....	1, 522. 99
Number Four, 3 miles east of, 20 feet west of milepost No. 3, north side of road, in large bowlder; aluminum tablet stamped "1618".....	1, 618. 261
Number Four, 3.7 miles east of, T road on trail south, on north side of road; spike in root of beech tree marked "U.S.B.M. 1670.2".....	1, 670. 42
Number Four, 4.9 miles east of, at north margin of road; chiseled square on rock marked "U.S.B.M. 1701".....	1, 701. 55
Number Four, 5.8 miles east of, at south margin of road, on summit at turn; chiseled square on bowlder marked "U.S.B.M. 1708".....	1, 708. 43
Number Four, 6.2 miles east of, 5 feet south of road, 50 feet west of summit, in large bowlder; aluminum tablet stamped "1777".....	1, 777. 293
Number Four, 6.6 miles east of, north margin of road south; chiseled square on granite outcrop, marked "U.S.B.M. 1720.8".....	1, 721. 03
Number Four, 7.5 miles east of, 8 miles west of Burn station, south margin of road; chiseled square on bowlder, marked "U.S.B.M. 1844".....	1, 844. 36
Stillwater, 7 miles west of Beaver station, 20 feet north of road, 100 feet east of "The Old Homestead," in bowlder; aluminum tablet stamped "1672".....	1, 672. 006

Number Four north to Long Pond, thence west 2.6 miles.

	Feet.
Number Four, north margin of road opposite Fenton house; chiseled square on rock marked "U.S.B.M. 1560".....	1, 560. 29
Number Four, 1.5 miles east of, at gate to private property of Seymour Van Santvoord, on north side of road, 10 feet north of gate, in root of hemlock tree; spike marked "U.S.B.M. 1437.3".....	1, 437. 62
Number Four, 1.6 miles east of, 35 feet north of intersection; top of iron post painted and stamped "1441".....	1, 441. 288
Number Four, 2.3 miles northeast of, 55 feet west of west side of Beaver River, opposite mouth of Alder Creek; chiseled square on rock marked "U.S.B.M. 1429".....	1, 429. 50
Number Four, 2.4 miles northeast of, about 1,000 feet south of mouth of Alder Creek, north of river, in root of pine tree; spike marked "U.S.B.M. 1427".....	1, 427. 70
Number Four, 3.1 miles north of, 200 feet north of old lumber camp, 25 feet north of small stream, in trail; chiseled square on rock marked "U.S.B.M. 1461".....	1, 461. 51
Number Four, 3.4 miles north of, 50 feet north of creek at falls, west margin of trail; chiseled square on rock marked "U.S.B.M. 1529".....	1, 528. 08
Number Four, 4 miles north of, at east side of trail; chiseled square on bowlder marked "U.S.B.M. 1602".....	1, 602. 11
Number Four, 4.6 miles north of, by side of Crooked Lake, 5 feet west of trail; spike in root of tree marked "U.S.B.M. 1645".....	1, 645. 81
Crooked Lake, in front of Crooked Lake Fish and Game Club camp, in large bowlder; bronze tablet stamped "1632".....	1, 633. 788
Crooked Lake, 0.4 mile north of, at intersection of Alden Creek tote road, in root of beech tree; spike marked "U.S.B.M. 1674.4".....	1, 674. 79
Crooked Lake, 1.2 miles north of, on Alden Creek tote road, 5 feet west of road; chiseled square on rock marked "U.S.B.M. 1653".....	1, 653. 66
Crooked Lake, 3 miles northwest of, on Alden Creek tote road, east margin of road; chiseled square on rock marked "U.S.B.M. 1393".....	1, 393. 21
Crooked Lake, 4.2 miles northwest of, on Alden Creek tote road, about 1,500 feet south of ford over Fish Creek, at north margin of road, in sandstone bowlder; bronze tablet stamped "1274".....	1, 274. 171
Fish Creek, 1.4 miles north of, south side of small stream, west margin of trail; chiseled square on rock marked "U.S.B.M. 1327".....	1, 327. 96
Fish Creek Camp, 0.5 mile north of, west side of log road, at summit in granite bowlder; bronze tablet stamped "1359".....	1, 359. 695
Fish Creek Camp, 1.1 miles north of, at intersection of log road running from head of Fish Creek Flow to Prentiss road, in root of beech tree; spike marked "U.S.B.M. 1364".....	1, 364. 65
Fish Creek Camp, 1.9 miles north of, intersection of private road; chiseled square in rock marked "U.S.B.M. 1358".....	1, 358. 58
Prentiss Hotel, Long Pond, 0.5 mile west of log road to north, 50 feet north of road; spike in root of beech tree; marked "U.S.B.M. 1375"....	1, 375. 72
Long Pond road, 0.3 mile south of intersection of, on log road; chiseled square in rock marked "U.S.B.M. 1388".....	1, 388. 75
Long Pond, 0.8 mile west of, at intersection of log road, and Long Pond road, in root of beech tree; spike marked "U.S.B.M. 1368.9".....	1, 369. 50
Long Pond, 600 feet west of Bald Mountain Hotel, in bedrock on north margin of road; aluminum tablet stamped "1378".....	1, 379. 005
Long Pond, 1.4 miles west of, west end of bridge over Oswegatchie River, south side, in concrete retaining wall; chiseled square marked "U.S.B.M. 1347".....	1, 347. 88
Long Pond, 2.6 miles west of, bridge over Oswegatchie River, east end, south side, bridge seat; bronze tablet stamped "1343".....	1, 343. 337

Point 3 miles east of Chase Lake along Tote roads northeast to Balsam Flats, thence north to Stillwater road.

Chase Lake, 3.5 miles east of, in rock on south side of road; aluminum tablet stamped "1386".....	Feet. 1, 385. 680
Stony Lake, 40 feet south of hotel, in bedrock; chiseled square painted "T.B.M. 1359".....	1, 358. 94
Stony Lake, 1 mile east of, north side of Fourth Creek tote road, in boulder; bronze tablet stamped "1471".....	1, 471. 059
Balsam Flats Bridge, 2.4 miles west of, on stone at south margin of Fourth Creek tote road; chiseled square painted "1516".....	1, 515. 92
Balsam Flats Bridge, 1.5 miles west of, on south margin of Fourth Creek tote road, on rock; chiseled square painted "1666".....	1, 665. 98
Balsam Flats, 400 feet west of bridge over Independence River, in stone at east margin of Fourth Creek tote road; aluminum tablet stamped "1592".....	1, 591. 907
Fourth Creek, 1.8 miles south of, north side of tote road to Stony Lake, on boulder; chiseled square marked "1670".....	1, 669. 47
Fourth Creek, 0.4 mile south of, in bedrock near road; aluminum tablet stamped "1682".....	1, 682. 406
Stillwater road, 5.1 miles south of, on rock at east margin of log road west of old camp of G. H. Gould; chiseled square marked "1718".....	1, 717. 66
Stillwater road, 4.2 miles south of, on rock in roadway; chiseled square marked "T.B.M. 1813".....	1, 813. 15
Stillwater road, 3 miles south of, 60 feet south of Fifth Creek Lake trail, in rock on east side of road; aluminum tablet stamped "1799".....	1, 798. 733
Stillwater road, 2.9 miles south of, at Fifth Creek Lake trail, on rock at east side of road; chiseled square painted "T.B.M. 1797".....	1, 797. 06
Stillwater road, 1.3 miles south of along tote road, on stone at east margin of road; chiseled square painted "1708".....	1, 707. 80
Number Four, 4.2 miles east of, in northeast corner of concrete bridge over Sunday Creek; bolt painted "U.S.B.M. 1587".....	1, 587. 416

Long Pond east along Tote road to Leon Kelly's camp, near Hog Pond (double spur line).

Long Pond, 600 feet west of Bald Mountain Hotel, in bedrock on north margin of road; aluminum tablet stamped "Prim. Trav. Sta. No. 12, 1378"....	1, 379. 005
Long Pond, 0.2 mile east of hotel; bridge over Oswegatchie River.....	1, 354. 9
Oswegatchie River; surface of water under bridge, July 11, 1911.....	1, 348
Long Pond, 1 mile east of, north side of road to Leon Kelly's camp; chiseled square on bedrock, painted "1398".....	1, 397. 88
Long Pond, 1.5 miles east of, bridge over Inlet Creek.....	1, 433. 1
Long Pond, 1.5 miles east of, surface of water Inlet Creek, July 11, 1911....	1, 423
Long Pond, 2.1 miles east of, on south side of road to Leon Kelly's camp; chiseled square on boulder painted "1439".....	1, 438. 76
Long Pond, 2.5 miles east of, 12 feet south of road; top of Lewis-Herkimer county line iron monument No. 60.....	1, 454. 656
Oswegatchie River, bridge over.....	1, 436
Oswegatchie River, surface of water under above bridge, July 11, 1911....	1, 430
Long Pond, 3.3 miles east of, on road to Hog Pond (Leon Kelly's camp), on north side, in stone 6 feet from road; aluminum tablet stamped "1454".....	1, 453. 897
Long Pond, 4.3 miles east of, in boulder on north side of road to Kelly's camp; chiseled square painted "1559".....	1, 559. 13
Jakes Pond; surface of water, July 26, 1911.....	1, 634. 4
Long Pond, 5.4 miles east of, on stone on west side of road to Leon Kelly's camp; chiseled square painted "1680".....	1, 680. 00

Long Pond, 6 miles east of, on south margin of road to Leon Kelly's camp, in bed rock; aluminum tablet stamped "1,678"	Feet. 1, 677. 748
Long Pond, 7 miles east of, at forks, in rock on north side of road to Leon Kelly's camp; chiseled square painted "1739"	1, 738. 99
Leon Kelly's camp, 500 feet south of, on road to Long Pond, in rock on east side of road; aluminum tablet stamped "1839"	1, 839. 489

Cooperstown, Hartwick, and New Berlin quadrangles.

CHENANGO, MADISON, AND OTSEGO COUNTIES.

The leveling in the New Berlin quadrangle was done by A. F. McNair in 1909, and by K. E. Schlachter, F. M. White, and J. Rayburn in 1910; that in the Hartwick quadrangle in 1904-5 by G. M. Dimmick and in 1908-9 by A. F. McNair; and that in the Cooperstown quadrangle in 1906 by G. M. Dimmick.

HARTWICK QUADRANGLE.

Oakville along highways south to Laurens, thence west to Morris, thence north to Burlington, and east to starting point.

Wart triangulation station, 5 miles west of Cooperstown, on bare knoll of cultivated land owned by T. T. Thompson, in Otsego Township, in southeast corner of field about 8 feet from fence, in top of 36 by 6 by 6 inch stone post set 28 inches in ground; bronze tablet	Feet. 1, 927. 354
Hartwick, crossing of Otsego & Herkimer R. R.; near top of rail	1, 481. 30
Hartwick, opposite Otsego & Herkimer R. R. station, northwest corner of Burch & Ougur's mill; aluminum tablet stamped "1339"	1, 339. 051
South Hartwick, 0.6 mile north of post office, in east side of foundation wall of large barn belonging to Frank Ingalsbee, 50 feet west of road; aluminum tablet stamped "1264 N. Y. 1909"	1, 264. 437
Mount Vision, in southeast corner of foundation wall of Baptist Church; aluminum tablet stamped "1169 N. Y. 1909"	1, 168. 676
Laurens, in northwest corner of post office foundation wall (building owned by A. S. Grey); aluminum tablet stamped "1117 N. Y. 1909"	1, 116. 689
Laurens, 100 feet east of Otsego & Herkimer R. R. station; top of rail	1, 123. 1
Butts Corner, in northwest corner of foundation wall of St. Lukes Episcopal Church; aluminum tablet stamped "1375 N. Y. 1909"	1, 375. 304
Morris, 2.9 miles east of, in southwest corner of foundation wall of residence of Mrs. George Chase; aluminum tablet stamped "1664 N. Y. 1909"	1, 664. 323
Morris, in northwest side of main entrance to high school; aluminum tablet stamped "1153 N. Y. 1909"	1, 153. 002
New Lisbon, in south end of east abutment of highway bridge over Butternut Creek; aluminum tablet stamped "1174 N. Y. 1909"	1, 174. 130
Garrattsville, in northwest foundation wall of Methodist Episcopal Church; aluminum tablet stamped "1321 N. Y. 1909"	1, 320. 882
Garrattsville, 2.4 miles north of, in water table at southeast corner of brick schoolhouse (district No. 12, Burlington); aluminum tablet stamped "1394 N. Y. 1909"	1, 394. 329
Burlington, in southeast corner of foundation wall of Baptist Church; aluminum tablet stamped "1541 N. Y. 1909"	1, 541. 798
Burlington, 3.4 miles east of, in southwest corner of foundation wall of schoolhouse; aluminum tablet stamped "1721 N. Y. 1909"	1, 720. 810

¹ Possibly 5 feet too low.

Schuyler Lake southeast along highways to Cooperstown.

Oaksville, in foundation wall of Hotel Ayres, south end of east face; bronze tablet stamped "1278 ADJ 1903".....	Feet. 1,277.753
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New Berlin east along highways to point 2 miles south of Garrattsville (portion of line).

New Berlin, 6.8 miles east of, in northeast corner of foundation wall of barn belonging to Adrian Knoch; aluminum tablet stamped "1497 N. Y. 1909".....	1,498.298
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NEW BERLIN QUADRANGLE.**South New Berlin along public road to Norwich.**

South New Berlin, near northwest corner of Baptist Church, under front window, north side of entrance; aluminum tablet stamped "1059 ALBANY".....	1,059.667
South New Berlin, 0.8 mile west of, in front of residence of Mr. Sage; paint mark on southeast corner of stepping block.....	1,166.09
South New Berlin, near, 1,500 feet east of D. R. Backus's residence, 48 feet to left of center of road, on limestone boulder; aluminum tablet stamped "1515".....	1,514.776
Norwich, 3 miles east of, 50 feet east of F. Follett's residence, in north side of concrete culvert; aluminum tablet stamped "1495".....	1,494.526
Norwich, southeast corner of courthouse on Broad Street, in foundation wall; aluminum tablet stamped "1015 ALBANY 1900".....	1,015.216

New Berlin along turnpike to Sherburne.

New Berlin, 4 miles west of, in stepping block in front of residence of E. N. Horton; aluminum tablet stamped "1586".....	1,586.098
New Berlin, about 5 miles west of, 225 feet west of schoolhouse, at cross-road; paint mark on rock.....	1,610.06
Sherburne, 5 miles east of, opposite F. Harps's residence, on north side of road; paint mark on rock.....	1,706.01
Sherburne, 4 miles east of, 350 west of schoolhouse, south side of road; paint mark on abutment of bridge.....	1,720.45
Sherburne, 3.5 miles east of, in northeast corner of foundation wall of H. M. Dromgoole's barn; aluminum tablet stamped "1751".....	1,751.275
Sherburne, 3.5 miles east of, just east of row of 7 maple trees, on north side of road; paint mark on rock.....	1,686.75
Sherburne, 3 miles east of, 1,000 feet west of G. Moffatt's house, south side of road; paint mark on rock.....	1,509.54
Sherburne, 1.5 miles east of, 500 feet west of bridge, north side of road; paint mark on rock.....	1,279.26

Sherburne northeast and east along public roads via Sweet's, thence south along railroad to South Edmeston.

Sherburne, 100 feet west of station crossing, top of south abutment, on east side of iron highway bridge; chiseled square marked "U. S. G. S. B. M. 1048".....	1,048.470
Sherburne, west corner north foundation wall of schoolhouse; aluminum tablet stamped "1071".....	1,071.487
Sherburne, corner Classic and Knapp streets, east side of road; copper nail and washer in root of maple tree.....	1,054.15
Sherburne, 1.9 miles north of, south end of bridge over creek; bolt on rail.....	1,064.04

Sherburne, 3 miles north of, 1,000 feet east of A. Kehoe's residence, north side of road; paint mark on rock.....	Feet. 1, 405.80
Sherburne, 3.5 miles northeast of, 100 feet west of vacant house owned by G. Robinson, on north side of road; paint mark on rock.....	1, 272.00
Sherburne, 3 miles north of, in northwest corner stone of foundation wall of F. C. Poole's residence; aluminum tablet stamped "1158".....	1, 158.250
Sherburne, 6.3 miles northeast of, 200 feet west of Thompson's house at crossroad running north, on north side of road; paint mark on rock.....	1, 281.14
D. Jenk's residence, 50 feet east of; paint mark on south side of stone culvert.....	1, 329.72
Sherburne, 10.1 miles northeast of, near corner of W. Casey's barn, south side of road; paint mark on rock.....	1, 460.88
Sherburne, 10 miles northeast of, in corner stone in northwest corner of foundation wall of W. Casey's barn; aluminum tablet stamped "1462".	1, 461.950
Sweet's, about 8 miles west of station, 300 feet south of O. K. Horton's house, west side of road; paint mark on rock.....	1, 688.27
Sweet's, 7.2 miles west of station, 700 feet west of H. Holt's house, north side of road; paint mark on rock.....	1, 591.92
Sweet's, 7.2 miles west of station, 400 feet west of H. Holt's house, north side of road; paint mark on rock.....	1, 559.77
Sherburne, 10 miles east of, 600 feet north of W. Dale's residence, in top of northwest abutment of highway bridge; aluminum tablet stamped "1435".....	1, 434.456
Sweet's, 5 miles west of station, 700 feet north of C. Miller's house, south side of road; paint mark on rock.....	1, 356.18
Sweet's, 3.5 miles west of station, 200 feet south of vacant house, east side of road; paint mark on stone culvert.....	1, 509.88
Sweet's, 1.5 miles west of station, 100 feet north of corner of road west, opposite W. Washburn's house, east side of road; paint mark on rock.....	1, 257.88
Sweet's, 0.7 mile west of station, on west side of arch bridge; paint mark on concrete rail.....	1, 156.08
Sweet's, at Unadilla Valley Ry. station; top of east rail.....	1, 124.1
South Edmeston, in northeast corner of foundation wall of Free Church; aluminum tablet stamped "ALBANY 1127-1902".....	1, 127.299

South Edmeston along Unadilla Valley Ry. to New Berlin.

* South Edmeston, station at, road crossing; top of east rail.....	1, 110.76
South Edmeston, 2.9 miles south of, west side of south end of top abutment of bridge over creek; paint mark.....	1, 108.06
New Berlin, in concrete top of west end of south abutment of New York, Ontario & Western Railway bridge No. 52; aluminum tablet.....	1, 090.108

Morris west along highway to South New Berlin.¹

Bourner's farm, junction of farm driveway and main road; copper nail in root of maple tree.....	1, 343.61
Morris, 0.7 mile west of, opposite Mattison's place; copper nail in root of hemlock tree.....	1, 399.91
Morris, 2.7 miles west of, in corner of driveway to Folts; paint mark on rock.....	1, 578.03

¹ The elevations under this head result from an average of two runnings, with the exception of one section where a 1-foot error occurred and the values determined by one line were accepted. The values given are intended to accord with that given in Bulletin 281 for South New Berlin. The elevation for Morris, as determined by this line, is 5.075 feet greater than that given under the Hartwick quadrangle, that value being possibly 4 or 5 feet too small.

Morris, 4 miles west of, in front of Daniel's house, 6 feet south of tree stump; paint mark on rock.....	Feet. 1, 414. 96
Morris, 4 miles west of, at crossroads, 0.8 mile south of district No. 10 schoolhouse, northeast corner of J. R. Padgett's residence; aluminum tablet stamped "1354".....	1, 358. 768
Morris, 5.3 miles west of, north side of road; paint mark on rock under apple tree.....	1, 712. 65
South New Berlin, 3.3 miles east of, 1,000 feet east of schoolhouse, opposite old barn, north side of road; paint mark on rock.....	1, 612. 32
South New Berlin, 3.1 miles east of, 324 feet east of road intersection near schoolhouse No. 11, south side of road, in shale outcrop; aluminum tablet stamped "1634".....	1, 636. 945
South New Berlin, 2.9 miles east of, 300 feet west of school, north side of road; paint mark on rock.....	1, 706. 85
South New Berlin, 2.2 miles east of, in front of Bulter's place, 300 feet from crossroads, north side of road; paint mark on rock.....	1, 608. 28
New Berlin, under front window, north side of entrance, near northwest corner of Baptist Church, in third row of brick above water table; aluminum tablet stamped "1059 ALBANY 1901".....	1, 059. 667

New Berlin east along highways to point 2 miles south of Garrattsville (portion of line).

New Berlin, on top of west end of south abutment of New York, Ontario & Western Ry. bridge, in concrete; aluminum tablet (the old tablet on this bridge was removed).....	1, 090. 108
New Berlin, 1.2 miles east of, on east end of south abutment of highway bridge at three corners; marked "1107".....	1, 107. 89
New Berlin, 3.3 miles east of, in southwest corner of foundation wall of large barn belonging to F. A. Collier; aluminum tablet stamped "1381 N. Y. 1909".....	1, 382. 395

COOPERSTOWN QUADRANGLE.

Schenevus north to Maple Valley.

Schenevus, 2.4 miles north of, schoolhouse No. 9, town of Maryland, in foundation wall, center of east face; aluminum tablet stamped "1303 ADJ 1903".....	1, 303. 435
Schenevus, 5.95 miles north of, in foundation wall of residence of Ray Greene, east end of north face; aluminum tablet stamped "1353".....	1, 353. 435
Westford, 9.20 miles north of Schenevus, in foundation wall of Methodist Church, north end of east face; bronze tablet stamped "1563 ADJ 1903".....	1, 563. 194
Maple Valley, 3.34 miles north of Westford, in foundation wall of residence of William H. Bentley, center of south face; aluminum tablet stamped "1777 ADJ 1903".....	1, 777. 444

Delhi, Ellenville, Livingston Manor, Monticello, and Neversink quadrangles.

ORANGE, SULLIVAN, AND ULSTER COUNTIES.

The elevations in the following list are partly reprinted from Bulletin 281, pages 16, 57, 58, and 59. The republished work in the Ellenville quadrangle was done in 1903 and that in the Monticello quadrangle in 1904 by G. M. Dimmick. The new work in these quadrangles was done in 1907 by C. H. Semper.

DELHI QUADRANGLE.

Colliers south along abandoned railroad to Ulster & Delaware R. R., thence east along railroad and highways via Bloomville to North Kortright.

Colliers, 700 feet east of, bridge 54 across Susquehanna River, in northeast corner of coping stone of east abutment; bronze tablet stamped "1119 A" (Partially destroyed, 1907.)	Feet. 1, 118. 493
Cooperstown Junction, junction of track to Cooperstown, top of rail	1, 120. 5
Cooperstown Junction, 3.9 miles south of, north abutment, east side of railroad culvert, in front of Wallace Quackenbush's farmhouse, in top of second step; bronze tablet stamped "1191 ADJ 1903"	1, 190. 702
West Davenport, in front of station; top of rail	1, 177. 4
West Davenport, town pump at 3 corners between stores in top of stone curb of well; bronze tablet stamped "1182 ADJ 1903"	1, 181. 991
Davenport Center, 0.2 mile west of, east embankment of steel bridge 86, north side, in top of bridge seat; bronze tablet stamped "1213 ADJ 1903"	1, 212. 880
East Meredith, in front of station; top of rail	1, 350. 8
East Meredith, waiting room to station, front face of door sill; bronze tablet stamped "1352 ADJ 1903"	1, 352. 147
East Meredith, 3.4 miles east of, 45 feet west of railroad crossing, 550 feet west of railroad milk station, north side of track, at fence line, in large flat rock; bronze tablet stamped "1610 ADJ 1903"	1, 610. 659
Kortright, 2.2 miles northeast of, highway culvert on large hill leading to North Kortright, south abutment, west end, in top; aluminum tablet stamped "1821 ADJ 1903"	1, 821. 923
Kortright south along Ulster & Delaware R. R. to Bloomville, thence southwest along highway to Delhi, thence north to West Davenport.	
Kortright, 175 feet north of station, 60 feet east of track, at margin of highway, large sandstone rock 10 by 12 feet, top of; aluminum tablet stamped "1872 ADJ 1903"	1, 872. 393
Kortright, in front of station; top of rail	1, 866. 1
Kortright, 2.6 miles southeast of, large concrete cattle pass under track north side of railroad, top of east abutment; aluminum tablet stamped "1650 ADJ 1903"	1, 651. 012
Bloomville, in front of station; top of rail	1, 492. 8
Bloomville, A. J. Corbin's residence at east side of house in top of stone wall; aluminum tablet stamped "1455 ADJ 1903"	1, 454. 995
Bloomville, 3.0 miles west of, on south side of river, 260 feet east of C. H. Hoag's farmhouse, in highway, in top of large rock; aluminum tablet stamped "1418 ADJ 1903"	1, 418. 105
Bloomville, 5.5 miles west of, directly opposite driveway to Geo. E. Hughes's farmhouse, between road and river, in bedrock; aluminum tablet stamped "1385 ADJ 1903"	1, 385. 067
Delhi, county courthouse, southwest corner, front face, in water table; aluminum tablet stamped "1370 ADJ 1903"	1, 370. 459
Delhi, 3.8 miles northwest of, directly opposite Meredith schoolhouse, No. 10, on west side of road, in top of rock 4 by 10 feet; aluminum tablet stamped "1911 ADJ 1903"	1, 911. 598
Delhi, 5.5 miles northwest of, south side of road, at margin of front yard of L. B. Strong, 40 feet east of house, directly opposite road north, in flagstone; aluminum tablet stamped "1886 ADJ 1903"	1, 886. 708
Meridale, arch bridge over Ouleout creek, south side of road, in top of flag stone; aluminum tablet stamped "1800 ADJ 1903"	1, 800. 788
Meridale, 2.8 miles north of, at Houghtaling Hollow, 20 feet south of V. B. Forman's farmhouse on east margin of highway, in bowlder; aluminum tablet stamped "1776 ADJ 1903"	1, 776. 293

ELLENVILLE QUADRANGLE.**Napanoch south along New York, Ontario & Western Ry. via Summitville to Middletown.**

Ellenville, in foundation wall of station, center of east face; aluminum tablet stamped "319 ALBANY 1903".....	Feet. 319. 518
Spring Glen, in foundation wall of station, center of west face; bronze tablet stamped "451 ALBANY 1903".....	451. 661
Summitville, 150 feet north of station, north end of west retaining wall, on top of stone sluiceway; chiseled square.....	546. 44
Wurtsboro (Mamakating station), in foundation wall of station, north end of east face; bronze tablet stamped "723 ALBANY 1903".....	722. 782
Bloomington, 0.6 mile south of, south end of east abutment of railroad bridge; point on top.....	713. 53
Winterton, in front of station; top of east rail.....	598. 7
Fairoaks, in front of station; top of east rail.....	641. 2
Crawford Junction, south end of east retaining wall of small culvert, 60 feet south of station; point on top.....	591. 93

Crawford Junction northeast along Erie R. R. to Pine Bush, thence to Dwaarkill (single spur line).

Circleville, 150 feet south of station, at highway crossing; top of east rail..	621. 8
Bullville, at highway crossing south of station; top of east rail.....	508. 9
Bullville, in foundation wall of Methodist Church, north end of east face; aluminum tablet stamped "518 ALBANY 1903".....	517. 840
Thompson Ridge, 60 feet south of station, highway crossing; top of east rail.....	459. 4
Pine Bush, in foundation wall of Presbyterian Church, center of south face; bronze tablet stamped "397 ALBANY 1903".....	396. 919
Dwaarkill, in foundation wall of residence owned by Mr. Horne, center of north face; bronze tablet stamped "351 ALBANY 1903".....	351. 684

Ellenville northwest along public highways to Greenfield.

Greenfield, at west end of bridge over Beer Kill Creek, north side, top of abutment; aluminum tablet stamped "869 ADJ 1903"	869. 139
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Summitville northwest along New York, Ontario & Western Ry. to point 3.8 miles southeast of Mountindale.

Mountindale, 3.8 miles southeast of, 250 feet south of milepost "N. Y. 98," at railroad culvert, 15 feet west of track in bottom of creek, in bedrock; aluminum tablet stamped "772 ADJ 1903"	775. 186
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LIVINGSTON MANOR QUADRANGLE.**Lily Lake south to Parksville.**

DeBruce, 3.1 miles south of, 1,825 feet south of Lily Lake, 150 feet south of small marsh, 260 feet north of summit, on west margin of road, in rock outcrop; aluminum tablet stamped "2140 ADJ 1903".....	2, 140. 461
Parksville, northwest corner of Methodist Church, front face; bronze tablet stamped "1673 ADJ 1903".....	1, 673. 390
Parksville, in front of station; top of rail	1, 685. 5

Bench marks at Liberty.

Liberty, in front of station; top of rail.....	1, 579. 1
Liberty, in south end of front face of concrete retaining wall, in front of station; bronze tablet stamped "1577 ADJ 1903".....	1, 580. 865

NEVERSINK QUADRANGLE.

Greenfield north along public highways to Claryville, thence east to Denning.

	Feet.
Greenfield, 3.3 miles northwest of, on west margin of road at junction with road to east, at farm gate, top of large granite boulder; aluminum tablet stamped "1149 ADJ 1903"	1, 149. 699
Greenfield, 6.14 miles northwest of, on road to Grahamville, in front of Vendie Rampe's farmhouse, 30 feet west of driveway, on east margin of road, top of large rock; aluminum tablet stamped "1135 ADJ 1903"	1, 135. 802
Grahamville, front of Reformed Church, northwest corner, top of stone step; aluminum tablet stamped "942 ADJ 1903"	943. 034
Grahamville, 2.5 miles north of, at fork of road to Dewittville, 10 feet west of road, in top of large boulder; aluminum tablet stamped "2073 ADJ 1903"	2, 073. 741
Claryville, large stone chimney of destroyed Dewittville tannery, north face; aluminum tablet stamped "1667 ADJ 1903"	1, 667. 038
Ladleton, 300 feet south of post office, on east side of road, top of highway culvert; aluminum tablet stamped "1814 ADJ 1903"	1, 813. 937

Claryville west along highways to Debruce, thence south to Lily Lake.

Round Pond, southeast corner of N. Buntion's house, stone wall leading to house, top of corner stone; aluminum tablet stamped "1954 ADJ 1903" ..	1, 953. 862
Willowemoc, in front yard of Matthew Decker's place, 45 feet north of house, in top of 10 by 5 foot boulder; aluminum tablet stamped "1823 ADJ 1903"	1, 825. 042
Debruce, southwest corner of foundation, front face of schoolhouse; aluminum tablet stamped "1660 ADJ 1903"	1, 663. 380

Parksville south along New York, Ontario & Western Ry. to Liberty.

Parksville, 3.5 miles southeast of, north end of steel trestle, top of retaining wall between bridges; bronze tablet stamped "1681 ADJ 1903"	1, 684. 843
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Liberty southeast along New York, Ontario & Western Ry. to Luzon.

Ferndale, in front of station; top of rail	1, 442. 4
Strongtown, in front of station signboard; top of rail	1, 450. 3
Ferndale, 1.0 mile southeast of, 300 feet north of railroad crossing at milk station, top of concrete wall at side of pond on east side of track; bronze tablet stamped "1442 ADJ 1903"	1, 445. 761

MONTICELLO QUADRANGLE.

Luzon southeast along New York, Ontario & Western Ry. to point 3.8 miles southeast of Mountindale.

Luzon, in front of station; top of rail	1, 317. 3
Luzon, in northeast corner of Prince Bros.' grist mill at Main Street railroad crossing; bronze tablet stamped "1315 ADJ 1903"	1, 318. 257
Fallsburg, in front of station; top of rail	1, 222. 9
Fallsburg, in face at south end of concrete retaining wall in front of station; aluminum tablet stamped "1221 ADJ 1903"	1, 224. 315
Centerville, in front of station; top of rail	1, 142. 5
Centerville, in east wall of J. A. Smith's flour mill, directly opposite station; aluminum tablet stamped "1144 ADJ 1903"	1, 146. 976
Mountindale, in front of station; top of rail	1, 018. 1
Mountindale, 1,300 feet south of station, in north abutment, east side of overhead bridge; bronze tablet stamped "999 ADJ 1903"	1, 002. 492

Wurtsboro northwest along highway to Mountandale.

Wurtsboro, 3.2 miles west of, at southeast corner of Munn's Hotel, 5 feet east of steps, in bowlder; aluminum tablet stamped "1308 ADJ 1903"...	Feet. 1, 307. 948
Wurtsboro, 5.6 miles northwest of, on Dunntown road, 30 feet south of James Dunn's farmhouse, on west margin of road, in bowlder; bronze tablet stamped "1438 ADJ 1903".....	1, 437. 886

Wurtsboro southwest along New York, Ontario & Western Ry. to West Brookville, thence west along highways to Oakland Valley.

Haven, 510 feet north of crossing at station, top of south abutment, west side of railroad culvert; aluminum tablet stamped "506 ADJ 1903".....	505. 727
West Brookville, 960 feet north of station, south abutment, west side of railroad bridge, in top of bridge seat; aluminum tablet stamped "501 ADJ 1903".....	500. 728
West Brookville, in front of station; top of rail.....	504. 8
Oakland Valley, highway bridge over Neversink River, in ledge of rock 35 feet southeast of southeast corner; bronze tablet stamped "686 ALBANY 1903 ADJ".....	685. 570

Hartwood north along New York, Ontario & Western Ry. to Monticello, thence along highway to Luzon.

Hartwood, in stone residence of Willis Butler, north end of east face; bronze tablet stamped "1275 ALBANY 1903 ADJ".....	1, 275. 457
Hartwood, in front of station; top of rail.....	1, 278. 5
St. Joseph, in front of station; top of rail.....	1, 377. 7
St. Joseph, in front face of station at entrance to waiting room; aluminum tablet stamped "1381 ADJ 1903".....	1, 380. 838
St. Joseph, 2.3 miles north of, at railroad crossing 35 feet west of track, north margin of road, in top of rock 5 by 5 feet; aluminum tablet stamped "1451 ADJ 1903".....	1, 450. 876
Monticello, in front of station; top of rail.....	1, 503. 1
Monticello, at main entrance to high school; aluminum tablet stamped "1524 ADJ 1903".....	1, 524. 274
Monticello, 2.5 miles north of, on main road to Luzon, 65 feet north of cross-roads, on west margin of road, in outcrop rock; aluminum tablet stamped "1493 ADJ 1903".....	1, 493. 354

Bath quadrangle.**STEBEN COUNTY.**

The elevations given in Bulletin 281 for this quadrangle have been replaced by later and more accurate data. The following list includes descriptions of all bench marks established with their corrected elevations.

The leveling was done in 1899 by W. F. Hammond, in 1900 by W. E. Green, in 1907 by C. H. Semper, and in 1908 by E. M. Eastwood.

Cohocton southeast along Erie R. R. to Savona.

Cohocton, in foundation wall at southeast corner of Methodist Episcopal Church, on Main Street; aluminum tablet stamped "1321 1908".....	Feet. 1, 320. 538
Cohocton, doorsill of Erie R. R. station.....	1, 286. 5
Wallace, in foundation wall of Methodist Episcopal Church, north side, near west front; aluminum tablet stamped "1239.8 1908".....	1, 239. 448

Avoca, near southwest corner of Methodist Episcopal Church front; bronze tablet stamped "1191".....	Feet. 1, 191. 111
Avoca, opposite passenger room of station; top of rail, marked "1194"....	1, 194. 3
Kanona, on doorsill of passenger station; sill marked "1152".....	1, 151. 68
Kanona, in northwest corner of steeple foundation of Methodist Episcopal Church on Main Street; aluminum tablet stamped "1143 1908".....	1, 142. 217
Bath, county clerk's office, in water table; bronze tablet stamped "1103 OSWEGO 1899".....	1, 103. 885
Bath, 2.25 miles southeast of, on east end of arch culvert under Delaware, Lackawanna & Western R. R.; chiseled square.....	1, 083. 57
Bath, 3.5 miles southeast of, on west end of parapet wall of north abutment; chiseled square.....	1, 075. 31
Savona, on west end of south pier of Erie R. R. bridge over Cohocton River; chiseled square.....	1, 052. 81
Savona, on top of south end of east abutment of highway bridge over Cohocton River; bronze tablet stamped "1050 OSWEGO 1899".....	1, 050. 708

Kanona northeast along Kanona & Prattsburg Ry. to Beans station.

Wheeler, 2.2 miles south of, in front foundation wall of Jacob Fraley's house; aluminum tablet stamped "1235 1908".....	1, 234. 986
Wheeler, in cellar wall at southeast corner of Frank Aull's house; bronze tablet stamped "1262".....	1, 262. 505
Beans Station, 0.4 mile south of, in foundation wall north side of J. L. Brigg's house; aluminum tablet stamped "1330 1908".....	1, 329. 880

Pleasant Valley southwest along Erie R. R. to Bath

Pleasant Valley, 0.5 mile west of, on north end of pier of open bridge; chiseled square.....	820. 934
Hermitage, in front of station; top of rail.....	908
State Hatchery, in foundation at southwest corner of main building; aluminum tablet stamped "1001 1908".....	1, 001. 879

Bath southwest along road to North Cameron (mostly single-spur line).

Bath, 2.4 miles south of, iron highway bridge, south end, east side, top of abutment; aluminum tablet stamped "1618".....	1, 618. 467
Bath, 2.7 miles south of, top of stone step in front of farmhouse belonging to Myron A. Miller; square marked "1648".....	1, 649. 39
Bath, 3.1 miles south of, at crossroads, 30 feet south of road, in stone wall; rock marked "U. S. □ B. M. 1,584.6".....	1, 585. 09
Bath, 4.4 miles south of, at 3 corners, road to west, at northwest corner; point on rock marked "U. S. □ B. M. 1,652.9".....	1, 653. 38
Bath, 5 miles south of, at 4 corners, northeast corner of top of stone culvert; marked "U. S. □ B. M. 1,782.1".....	1, 782. 56
Bath, 6 miles south of, in north wall of P. P. Mason's farmhouse; aluminum tablet stamped "1602 ADJ 1903".....	1, 602. 109

Point 3.7 miles east of Adrian north along highway to Avoca.

Adrian, 3.7 miles east of, in face of rock cliff on east side of Erie R. R. and highway, 400 feet northeast of highway bridge over Canisteo River, 25 feet from east rail; bronze tablet stamped "1080" (Reported destroyed)...	1, 081. 183
Browns crossing, 1 mile north of, on margin of road in canyon; rock marked "U. S. □ B. M. 1,459".....	1, 458. 69

Browns crossing, 4.1 miles north of, Buch settlement, in southeast corner of front face of Wesley Methodist Church; aluminum tablet stamped "1446 ADJ 1903"	Feet. 1, 445. 597
Towlesville, 1.7 miles south of, in northeast corner of foundation of John Cochran's barn; aluminum tablet stamped "1,508 ADJ 1903"	1, 508. 153
Towlesville, 1.3 miles south of, at 4 corners, at northeast corner; top of large rock marked "U. S. \square B. M. 1,531. 2"	1, 531. 19
Towlesville, front face, southwest corner of lower church; aluminum tablet stamped "1814 ADJ 1903"	1, 813. 859
Towlesville, 2.9 miles north of, at forks in road, southeast corner of foundation of small iron arch bridge; aluminum tablet stamped "1302 ADJ 1903"	1, 302. 004
Towlesville, 4.4 miles north of, top of west end of concrete drain under road, 1,200 feet south of large red barn on east side of road, opposite white house; marked "U. S. \square B. M. 1252.9"	1, 252. 88
Towlesville, 5.3 miles north of, crossroads, at schoolhouse; top of stake at base of telegraph pole, marked "U.S.B.M. 1, 186.9"	1, 186. 87
Avoca, 0.6 mile south of 3 corners at road across river; top of boulder marked "U.S. \square B.M. 1, 180.0"	1, 179. 96
Avoca, southeast corner of Methodist Episcopal Church; bronze tablet stamped "1,191 DUNKIRK"	1, 191. 111

APPENDIX A.

ELEVATIONS ADJUSTED BY THE COAST AND GEODETIC SURVEY FROM PRECISE LEVELING.

Albany, Alexandria Bay, Amsterdam, Baldwinsville, Boonville, Brockport, Brooklyn, Brier Hill, Buffalo, Cape Vincent, Canajoharie, Catskill, Cazenovia, Chittenango, Clayton, Clyde, Cohoes, Coxsackie, Fonda, Fort Ann, Glens Falls, Grindstone, Harlem, Little Falls, Lockport, Macedon, Massena, Medina, Mexico, Moira, Niagara Falls, Ogdensburg, Olcott, Oneida, Oriskany, Oswego, Palmyra, Plattsburg, Poughkeepsie, Red Mills, Remsen, Rhinebeck, Rochester, Rouse Point, Schenectady, Schuylerville, Staten Island, Syracuse, Tarrytown, Ticonderoga, Tonawanda, Troy, Utica, Waddington, Weedsport, West Point, Whitehall, and Wilson quadrangles.

CAYUGA, CLINTON, COLUMBIA, DUTCHESS, ERIE, FRANKLIN, HERKIMER, JEFFERSON, KINGS, LEWIS, MADISON, MONROE, MONTGOMERY, NIAGARA, ONEIDA, ONONDAGA, ORLEANS, OSWEGO, PUTNAM, RENSSELAER, SARATOGA, SCHENECTADY, ST. LAWRENCE, WASHINGTON, WAYNE, AND WESTCHESTER COUNTIES.

The following descriptions and elevations are taken from reports of the Coast and Geodetic Survey, and are republished by permission of the Superintendent of that bureau. The bench marks were established from precise levels, by the Coast and Geodetic Survey, by the United States Lake Survey, by the New York State Survey, by the Board on Deep Waterways, and by the Corps of Engineers, United States Army. They were included in the 1903 adjustment by the Coast and Geodetic Survey and were not changed by the 1907 and 1912 adjustments. The elevations are likely to be changed only slightly by any future adjustment.

STATEN ISLAND QUADRANGLE.

Fort Hamilton to Bath Beach.¹

	Feet.
Fort Hamilton, near gate for wagon road entrance opposite the Ocean House, about 1½ feet above ground, 4 inches from high offset of the retaining wall; cross cut in granite stone on northwest corner of wall on its west side (L) . .	36. 365
Locust Grove, on left hand side in going out on the pier, in revetment wall; cross just below corner of a granite stone (Tidal)	9. 199
Bath Beach, on north side of second house (chalet style) from corner of Bay Thirteenth Street on Coopsy Avenue, on east side of house, on north side of window; copper bolt in fifth brick above window ledge (K)	27. 326

Bench marks at Governors Island.

Governors Island, extreme northeast corner of large stone having a ringbolt in top and forming part of the coping of sea wall in front of Castle William; cross cut in stone (H)	8. 018
Governors Island, on south end of doorsill, entrance into Castle William, on left of main entrance; cross cut in sill (I)	8. 633

¹ Information furnished by Coast and Geodetic Survey.

BROOKLYN QUADRANGLE.**Bay Ridge to Atlantic Dock.¹**

	Feet.
Bay Ridge, at southeast corner of Fourth Avenue and Sixty-seventh Street, two blocks below the Brooklyn city line, inside the sidewalk at northwest corner of Lumbey's lot; cross and square on upper surface of a granite post 6 by 6 inches, projecting about 3 inches above ground (No. 25).....	87. 268
Bay Ridge, northwest corner of blue stone slab forming top of lowest step leading from Mr. Langley's place to the bay shore; cross marks on lowest step (Tidal).....	6. 384
Bay Ridge, on top of and at north corner of the tunnel of the Manhattan Beach R. R. under Second Avenue and between Sixty-fifth and Sixty-sixth streets, just outside the Brooklyn city limits; cross mark on coping stone.....	43. 635
Brooklyn, southeast corner of St. Michael's school on Fourth Avenue, just north of Forty-third Street; cross cut in northwest corner of large stone doorstep (A).....	65. 775
Atlantic Dock, on seaward face of one of the stone store buildings on Atlantic Dock, facing Buttermilk Channel, in space between the two iron doors of store No. 22, and directly under number; cross cut on south end of fourth stone above foundation (G).....	9. 502

Brooklyn to Corlears Hook.

Brooklyn, on east side of Kings County Hall of Records facing Boerum Place. The granite foundation of this building consists of two courses; the lower course projects beyond the upper one about 2 inches, thus forming a ledge which slopes from the inner edge; mark is on top of this ledge about 5½ feet from corner of building (C).....	56. 016
Brooklyn, Navy Yard, on south front of the Government machine shop, No. 28, close to the gate on Flushing Avenue; square cut in stone sill of double door at south end of building (D).....	13. 496
Brooklyn, foot of Hudson Avenue, west of Navy Yard, at gas company's warehouse used for storage of coal, on north side of stone building, on east face of fourth buttress from northeast corner; cross cut on fourth course of stone above foundation (F).....	10. 403
Corlears Hook, southwest corner of Coe's bonded warehouse, corner of Water and East streets, first door from southwest corner and about 5 feet from ground; cross cut in granite door jamb (E).....	13. 392
Corlears Hook, door of Coe's warehouse nearest to Corlear Street; edge of stone sill. The door jambs are each monoliths and where the foot of the western jamb meets the stone sill is level of the bench (Tidal).....	7. 674

HARLEM QUADRANGLE.**Hunters Point to New York City.¹**

Hunters Point, East River, in west side of Front Street, at extreme southeast end of the fence that surrounds the triangular space between Long Island News Co.'s office and the Annex pier; bench mark taken on curbing (Tidal).....	5. 962
Hunters Point, on large brick building known as Miller's Long Island City Hotel, corner of Borden Avenue and Front Street, entrance to building at southeast corner; cross cut in northwest corner of a triangular space before door (B).....	7. 942

¹ Information furnished by Coast and Geodetic Survey.

Ravenswood, at entrance to A. Fischer's garden on Webster Avenue; small square cut on the flagstone top of lowest step (No. 7).....	Feet. 9.958
Astoria, on corner of Fulton Street and Perot Avenue, about 2½ feet from the lamppost and 7½ feet from fire plug; triangle cut in top of curbstone (No. 6).....	11.908
Astoria Dock, near, triangle cut into wooden stringer forming part of the sea wall or bulkhead; iron nail was driven into each corner of the triangle and letters "U. S." cut on one side (No. 4).....	5.903
Pot Cove, triangle cut into stringer above the tide gage of 1886; iron nail driven in each corner of triangle (No. 1).....	9.583
Pot Cove, small cross on coping of wall that divides properties of Messrs. Morrison and Whittenmore; iron fence comes to an end at the place selected for the bench (No. 2).....	13.738
Polhemus Dock, at intersection of River Road and Wolcott Avenue; triangle cut into top stone of northeast corner of the Polhemus dock (No. 4a).....	6.817
New York City, foot of Eighty-fourth Street, on sea wall, extreme south-east end, square cut on upper surface at corner. It was the intention of the River View Park commissioners to put on top of the stone selected for the bench mark a course of dressed granite coping, which may now be in place (No. 5).....	7.543
New York City, iron arch leading to the gas company's wharf at foot of Forty-second Street and in line with end of coal shed, on thirty-second brick counting from level of the dock up:	
1886 bench mark is a small cross made on new brick pilaster.....	15.068
1885 bench mark established on same wall about 48 meters from mark of 1886 and on side facing the paved roadway from entrance of works to pier; cross on brick wall marked "U.S.C.S.".....	10.103
Hunters Point to Willets Point.	
Borden Avenue Bridge, where Borden Avenue crosses arm of Newtown Creek; triangle cut in extreme southern end of coping of south abutment of wagon bridge (No. 9).....	12.963
Flushing, on Lawrence Street, near J. Milnor Peck's lumber yard; small square cut into sandstone sidewalk flag (No. 10).....	8.468
College Point, at intersection of Nineteenth Street and Fifth Avenue; small square cut into northeast corner of granite stone covering the catch basin (No. 11).....	41.211
College Point, at ferry yard, foot of Third Avenue; horizontal line of a cross cut into a granite stone of the foundation wall of house (Tidal Station No. 68).....	9.588
College Point, about 700 feet beyond station of the Long Island R. R., north division, in the direction toward Whitestone; middle of a square cut on southwest corner of top stone of bridge culvert (No. 12).....	34.383
Willets Point, immediately over the Coast and Geodetic Survey gage of 1886; square cut on stringer of long dock (No. 105).....	10.066

New York City datums.¹

The following table gives corrections to apply in order to reduce to mean sea level the elevations of bench marks which have been used by the various city bureaus and referred to different datums:

U. S. Geological Survey, Coast and Geodetic Survey since 1898, Board of	Feet.
Water Supply (mean sea level).....	0.00
Croton Aqueduct.....	-0.94

¹ Extracted from the Proceedings of the Municipal Engineers of the City of New York for 1905.

	Feet.
Dock Department, mean low water at the Battery.....	-2.09
Coast and Geodetic Survey previous to 1898.....	+0.11
Atlantic Avenue improvements, Long Island R. R.....	+1.62
U. S. Navy Yard datum, Brooklyn sewers, Water Supply, Bridge Department.....	+1.72
Long Island Railroad.....	+2.66
Public works, Manhattan highways and sewers, Bronx highways and sewers (mean high water at East Twenty-sixth Street).....	+2.67
Rapid Transit Railroad Commission.....	+2.72
Queens Borough.....	+2.75
Brooklyn Highway Bureau.....	+2.80
Richmond Borough (high water).....	+3.15

TARRYTOWN QUADRANGLE.

Dobbs Ferry to Montrose.¹

Dobbs Ferry, S. Taylor's lumber office, near the wharf; copper bolt leaded horizontally in sixth brick from extreme southeast corner of building (V.).....	9.631
Dobbs Ferry, about 150 feet south of railroad station, about 75 feet north of center of highway bridge across the tracks, on retaining wall on east side of track in capstone of lowest "step;" bottom of a square hole cut in stone (T.).....	13.874
Dobbs Ferry, on west side of stone railroad station, in fourth stone above sill, 10 inches south of the door to baggage room, 5 feet above ground, 4 feet north of southwest corner of building; copper bolt leaded horizontally (U.).....	14.887
Dobbs Ferry, 0.2 mile north of railroad station, on east side of track, on a very hard stone projecting from the foundation of main and most southern building of the Manila Anchor Brewing Co.'s plant, on west side of building, 18 feet from north end, 6 inches above ground; bottom of a square hole cut in stone (W.).....	9.243
Between Ardsley and Irvington, on west side of south abutment of culvert 54; center of a round-headed iron bolt set vertically into rock (R. R. 36)..	6.242
Tarrytown, about 0.5 mile south of, just south of first cut below station, about 100 yards south of center of mound of earth left standing on river side of tracks, 8 feet west of west rail, 3 feet above top of rails, bottom of a square hole cut on a hard rock in place (X.).....	11.476
Tarrytown, about 0.5 mile south of, 100 yards north of bench mark X., 198 feet south of center of culvert 63, on east side of track, 6 feet from east rail, and 8 inches below top of rail, about opposite center of mound of earth left standing on west side of tracks; bottom of a square hole cut in a horizontal ledge of very hard stone projecting from the bottom of face of cut (Y.).....	8.563
Tarrytown, on an approximate level with the floor of the Tarrytown Tile Works on Main Street, a short distance west of railroad, 3.5 feet east of middle door and 2.8 feet above ground, on top edge of coping stone. An arrowhead on the sloping face of coping stone points to the exact spot where rod was held, and the letters "U.S.C.S.B.M." are cut in the first row of brick above the bench mark (Tidal 1 Tarrytown).....	10.735
Tarrytown, on first highway bridge across the tracks north of railroad station, 4 feet above ground, 12 inches from face next the tracks; copper bolt leaded horizontally in south end of east abutment (Z.).....	20.503

¹Information furnished by Coast and Geodetic Survey.

	Feet.
Tarrytown, 1.8 miles north of, 22 rails north of milepost 27 from New York, in a bed of hard stone 9 feet west of west rail; copper bolt leaded horizontally (A1). Head of bolt was smoothed off with a file and a cross cut in center to mark exact point used.....	8. 593
Tarrytown, about 2 miles north of, on Rockefeller property, 12½ rails south of tower 25; hole drilled in stone surrounded by a triangle (Iq').....	10. 592
Scarbro, 41 rails north of station, on first bridge above Scarboro, on center line of south abutment, 2 feet from west end; shallow cross mark in square on stone, lettered "U.S.B.M." (B1).....	6. 694
Ossining, on a brick building on west side of railroad track, on next block north of station, on top of stone sill of north window on west side; cross lines with ¾-inch square cut in the intersection and lettered "C.S.B.M." (Tidal 2 Ossining).....	8. 664
Ossining, 1.5 miles north of, on west end of north abutment of bridge 92; highest point in a triangle cut in stone.....	7. 833
Croton, about 0.5 mile north of, on top of a large bed of rock, about 6 feet west of west rail; bottom of a square hole cut on first small rocky point north of coal chutes and water tanks (C1).....	8. 998
Oscawana, near, 100 feet north of tower 33, about halfway between mileposts 36 and 37 from New York, on east side of track, a little higher than top of rail; top of roundheaded fishplate bolt set vertically in rock (R. R. 67).....	10. 243
Montrose, about 100 yards south of, on east end of first stone culvert south of station; top of roundheaded fishplate bolt set vertically in rock (R. R. 71).....	37. 439

WEST POINT QUADRANGLE.

Verplanck to Fishkill.

Verplanck, a short distance west of Buchanan's oilcloth factory, on east side of track, on a stone over gutter; bolt near center of stone (V. O. 12).....	29. 833
Peekskill, 20.7 rails south of station, 5 feet above ground; brass bolt on a rock on east side of a cut, with letters U S cut in rock beneath it (Im')..	14. 143
Peekskill, on stone sill of door to ladies' waiting room, cross cut on southwest corner of sill (V. O. Peekskill).....	10. 541
Peekskill, about 0.5 mile northwest of, on abutment at southwest corner of bridge over Peekskill Creek, near center of a large stone (V. O. 11).....	6. 790
Peekskill, north of, 200 feet north of tower 39, 6 feet west of west rail; top of a roundheaded fishplate bolt set vertically in rock in place (R. R. 81)	9. 630
Highlands, 1.5 miles south of, on a small culvert; cross cut on northwest corner of west wall (R. R. 84).....	7. 871
Highlands, about 0.5 mile south of, 45 feet west of center of a small stream, just north of small rock cut, 35 paces east of east rail; bottom of a square hole cut on a large flat rock in situ nearly level with the ground (D1)...	7. 876
Garrison, about 1 mile north of, in a cut on east side of track; top of a roundheaded fishplate bolt set vertically in rock (R. R. 97).....	10. 663
Garrison, 680 feet south of mouth of tunnel; top of a roundheaded fishplate bolt set vertically in rock (R. R. 99).....	20. 636
Cold Spring, near a standpipe, 5 rails north of station, just at south end of a rock cut; top of a roundheaded fishplate bolt set vertically in rock (V. O. 9).....	14. 035
Cold Spring, about 100 feet west of station, at northern terminus of first north-south street west of station, about in line with center of street, 4 feet above its general level; bottom of a square hole cut in ledge of rock (E. 1).....	7. 680
Fishkill, near, 40½ rails south of station, at end of a cut on west side of track; step cut in sloping rock (Ik').....	11. 140

POUGHKEEPSIE QUADRANGLE.

Fishkill to point near Poughkeepsie.¹

	Feet.
Fishkill, near northern end of first rock cut north of station, 310 feet south of bridge 162, on east side of track; cross on end of an iron rod set vertically in rock (R. R. 118).....	8. 252
Chelsea, 1.5 miles north of, 10 rails south of tower 53, 9 paces (about 27 feet) east of east rail, bottom of a square hole cut on top of northwestern one of four stone piers about 3 feet high (F1).....	5. 311
New Hamburg, 19½ rails south of a stream crossing track, at west edge of a gutter; hole cut in an irregular-shaped rock surrounded by a triangle (Ii').....	14. 550
Camelot, on north side of a low rocky point of land, 6 feet from river bank, 4 feet above high water, about 6 feet west of a bunch of cedar trees, about 60 feet west of west rail, 12 feet north of the prolongation of north wall of railroad station; bottom of a square hole cut in rock (G1).....	5. 787
Poughkeepsie, about 1.2 miles south of railroad station, east of wire fence; bottom of a square hole cut in top of a large flat rock 1 foot high (H1)....	31. 683
Poughkeepsie, about 2 miles north of, near State Hospital pumping station, beside the path from railroad, 8 feet from track, 16 feet from southeast corner of coal shed; hole cut on irregular rock, surrounded by triangle (If').....	20. 300

RHINEBECK QUADRANGLE.

Hyde Park to Barrytown.

Hyde Park, 2 miles south of, about center of rock cut, on west side of track, about 8 feet from west rail; iron fishplate bolt set vertically in stone (R. R. 77½).....	9. 816
Hyde Park, about 1.5 miles south of, on south abutment of bridge 220; roundheaded fishplate bolt set vertically in northeast corner of east end (Ie').....	6. 773
Hyde Park, about 1 mile south of, 625 feet north of bridge 222, 6 feet east of east rail; iron fishplate bolt set vertically in top of a rock 2 feet high (R. R. 159).....	8. 410
Hyde Park, just north of, 210 feet north of bridge 223; roundheaded fishplate bolt set vertically in a flat rock in gutter on east side of track (R. R. 161).....	7. 463
Hyde Park, about 1.2 miles north of; roundheaded fishplate bolt set vertically in middle of east wall of culvert 226 (R. R. 163).....	6. 474
Staatsburg, first cut south of, on east side of track, just east of gutter; roundheaded fishplate bolt set vertically in rock about 2 feet high (R. R. de Witt).....	24. 078
Rhinecliff, about 1 mile south of, on north trestle bed of abutment to bridge 249; roundheaded fishplate bolt set vertically in southeast corner of east end (Iz.).....	3. 818
Rhinecliff, at rear of the southeast end of station; roundheaded fishplate bolt set vertically in rock (Iyyy).....	13. 011
Rhinecliff, rear of the northeast corner of station, about 5½ feet above ground; bolt leaded into rock and lettered "U S C S 1894" (Iyy).....	15. 499
Barrytown, about 1.2 miles south of, 30 feet north of culvert 261, outside of gutter; roundheaded fishplate bolt set vertically in shoulder of rock (Iy.).....	10. 276

¹ Information furnished by Coast and Geodetic Survey.

CATSKILL QUADRANGLE.

Barrytown to Hudson.¹

	Feet.
Barrytown, 1.8 miles north of, on south abutment of bridge 269, in top of east draw-bed stone, at east end; iron pin filed off a little to give a suitable surface for the rod (Iv).....	2. 292
Tivoli, 1 mile north of, bottom of a square hole cut in south end of east wall of culvert 279 (It).....	7. 328
Tivoli, about 1.8 miles north of, near J. H. Livingstone's pumping house, on culvert 280; top of roundheaded fishplate bolt set vertically on the south top stone of east covering (Is.).....	7. 747
Germantown, about 2.5 miles south of, on east side of track, just at edge of gutter; top of a roundheaded fishplate bolt set vertically in a rock (Ir.)..	9. 014
Germantown, about 1.8 miles south of, just outside of gutter, on east side of track; top of a roundheaded fishplate bolt set vertically in rock (Iq.)..	8. 794
Germantown, near, on east side of track; top of a roundheaded fishplate bolt set vertically in first rock cut below landing, lettered "B. M." in red (Io.).....	9. 856
Livingston Creek, about 0.8 miles south of, on east end of north abutment of bridge 290; top of a roundheaded fishplate bolt set vertically on southeast top stone (In.).....	7. 959
Linlithgo, about 0.8 mile north of, 13½ rails south of tower 80, near southeast corner of stone foundation supporting an overhead bridge, on west side of track; top of a roundheaded fishplate bolt set vertically in a rock (R. R. 213).....	9. 141
Catskill, 2½ rails south of station, on east side of road crossing the railroad tracks, directly opposite road opening in east line fence; half-inch hole drilled in a rock embedded in a bank (Im.).....	14. 764

COXSACKIE QUADRANGLE.

Hudson to point near Castleton.²

Hudson, about 1 mile south of, 2 or 3 rails south of Hollenbeck's house, on south abutment of bridge 296; top of a roundheaded fishplate bolt set vertically in top of east stone at east end (Ik).....	7. 751
Hudson, south entrance to public square, near upper end of Warren Street, on top of western granite post about 1 foot square, projecting above sidewalk about 18 inches; top has form of a flat pyramid; 2-inch square cut at center (city engineer's b. m. 14).....	151. 799
Hudson, at north or main entrance to courthouse grounds, in a triangle formed by the sidewalk and two curved walks leading into the main walk to courthouse entrance, on monument called No. 2, a marble post 6 inches square with cross mark on top, marks center of street approaching courthouse (city engineer's b. m. 29).....	95. 753
Hudson, on courthouse, east side of the portico of main or north entrance; bottom of a square hole cut in water table (Jl).....	101. 206
Hudson, under the overhead bridge leading to the docks and Athens ferry, first bridge above Hudson station, in west side of top of stone pier, under second iron column from south; top of a roundheaded fishplate bolt set vertically in first row of columns from east (V. O. 4).....	10. 636
Stockport, near, on culvert or bridge 304, on east side of abutment (R. R. 223).....	8. 886

¹ Information furnished by Coast and Geodetic Survey. ² Coast and Geodetic Survey bench marks.

	Feet.
Stockport, just south of station, on bridge 307, center of a square cut on northwest corner of south abutment (D. W., Stockport 1).....	6. 732
Coxsackie, about 0.8 mile north of station, in top of east end of culvert 318; top of a roundheaded fishplate bolt set vertically in middle of wall (R. R. 237).....	6. 778
Stuyvesant, at door to waiting room on west side of station; cross in a circle cut on southwest corner of sill (Ih).....	13. 332
Stuyvesant, about 1.8 miles north of, on north davit for boat; cross cut on a bolt 3 feet north of northwest corner of lighthouse (D. W., Stuyvesant 3).....	9. 082
Schodack Landing, 1.8 miles south of, on south abutment of sluice bridge 328; top of a roundheaded fishplate bolt set vertically at east end on northeast corner of top stone (If).....	5. 916
Schodack Landing, about 1.5 miles south of, 5 rails north of culvert 329, 8 feet east of east rail, on level with top of this rail; bottom of a square hole cut on top of a hard rock projecting from face of cut (Kl).....	10. 736

Hudson to point near Castleton.¹

Hudson, at northwest corner of south abutment of New York Central & Hudson River R. R. bridge 298, about 3,200 feet south of station; knob in a square on top stone (D. W., Hudson 1).....	7. 246
Hudson, near, at northeast corner of north wing wall of bridge 303, about 5,500 feet north of station; center of a square cut in top stone (D. W., Hudson 3).....	8. 045
Stockport, near station, 10 feet from east rail, 1,000 feet south of boat landing, on east side of New York Central & Hudson River R. R.; center of a square cut in a large stone (D. W., Stockport 2).....	10. 389
Stockport, about 4,200 feet north of Stockport Landing, at northwest corner of bridge 311; square cut in top stone (D. W., Stockport 3).....	8. 468
Coxsackie, near, about 2,800 feet north of station, on southeast wing wall of bridge 318; cross in a circle on stone (D. W., Coxsackie).....	6. 767
Stuyvesant, about 1,300 feet south of road to lighthouse, between Stuyvesant and Castleton, on southeast corner of stone railroad culvert; center of a square cut in stone (D. W., Stuyvesant 2).....	6. 715
Hotaling Island, between Stuyvesant and Castleton, about 2,600 feet south of south end of, on southwest corner of bridge 236, New York Central & Hudson River R. R.; center of a square cut in top stone (D. W., Stuyvesant 4).....	8. 676
Schodack Landing, 1.5 miles south of, between Stuyvesant and Castleton, opposite New Baltimore lighthouse, 60 feet east of New York Central & Hudson River R. R. track, in line with south side of warehouse at dock for loading brick; center of a square cut on natural ledge (D. W., Stuyvesant 5).....	11. 051
Castleton, near, about 2,200 feet south of Castleton lighthouse, on east end of culvert 337 of New York Central & Hudson River R. R.; square cut on stone (D. W., Castleton 2).....	10. 139

ALBANY QUADRANGLE.**Bench marks near Albany.²**

Albany, southwest corner of east wall of west lock (lock 1); top of stone at center of cross cut in top of masonry, marked "B.M.U.S." (C. & G. S. 2).	16. 824
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¹ Information furnished by Board on Deep Waterways.² Information furnished by U. S. Lake Survey.

Albany, on southwest gate of west lock of lock 2; cross in a circle on top of coping.....	Feet. 26. 205
Albany, north of, east end of south wing wall of Delaware & Hudson Co. R. R. bridge over Erie Canal; square cut on first step of towpath abutment.....	30. 041

Bench marks at Albany.¹

Albany, west abutment of Island bridge, foot of State Street, in northeast corner of north coping stone; cross cut in iron bolt (N. Y. 1).....	12. 837
Albany, Government building, at foot of State Street, east end of building on State Street side; cross in circle in lower basement window sill (N. Y. 2).....	18. 449
Albany, at lower end of pier between locks at lock 1; chiseled cross in circle on shelf (Canal 1).....	10. 125

Bench marks near Castleton.

Castleton, 2.5 miles south of, near signal tower 93, opposite Mulls light-house, at east side of foundation of water tank; cross cut on stone (D. W., Castleton 1).....	14. 580
Castleton, 500 feet south of railroad station, 20 feet east of east rail, in rear wall of Phibb's Opera House; intersection of two lines cut in end of copper bolt leaded horizontally (C. & G. S. b. m. L1).....	18. 590
Castleton, at north door on west side of the New York Central & Hudson River R. R. station; cross in a circle cut on southwest corner of stone sill (C. & G. S. 1b).....	16. 913
Castleton, about 1 mile south of, southwest wing wall of New York Central & Hudson River R. R. bridge 339, opposite lower end of Campbells Island; cross in a circle cut on stone forming the second step (D. W., Castleton 3).....	12. 172
Castleton, about 1 mile north of station, opposite lower end of Campbells Island; square cut in stone at southwest corner of north abutment of bridge 341 of the New York Central & Hudson River R. R. (D. W., Castleton 5).....	12. 775

TROY QUADRANGLE.**Bench marks near Rensselaer.²**

Rensselaer, Irwin steam mill and elevator, on side facing river, near river, at foot of and on south side of Second Avenue; center of a $\frac{3}{8}$ -inch brass bolt leaded horizontally in stone foundation.....	13. 918
Rensselaer, south abutment of railroad bridge over Second Avenue; center of a $\frac{3}{8}$ -inch brass bolt leaded horizontally in west wing wall, marked "U.S.B.M." over bolt and "B" beneath it.....	26. 162
Rensselaer, southwest corner of foundation of water tank at south end of viaduct on which Broadway Street crosses the New York Central & Hudson River R. R. tracks; cross cut on top of stone (D. W. b. m., 1898).....	21. 333
East Albany, upper railroad bridge across Hudson River; point on top of east shoulder of northeast end of southeast pier (C. & G. S. 1).....	26. 273

Bench marks near Watervliet.

Watervliet, about 1.2 miles north of Delaware & Hudson Co. R. R. bridge over canal; chiseled cross on coping of retaining wall at south end of towpath parapet of culvert (N. Y. 7, 1901).....	25. 724
Watervliet, north of, east abutment of bridge across canal; cross cut on southwest face of south wing, on third course of stones close to the corner, 3 feet above ground (C. & G. S. 9, 1875).....	49. 002

¹ Rept. State Engineer and Surveyor for 1901.² Information furnished by U. S. Lake Survey.

Albany to Cohoes.¹

Albany, near, east of bridge 6; chiseled cross in circle on north end of tow-path parapet of culvert (Canal 8, N. Y. 5a).....	Feet. 25. 017
Watervliet, northeast corner north wing of towpath abutment of bridge 12; chiseled cross (Canal 14, N. Y. 8).....	32. 154
Watervliet, lock at "lower side cut," at anchor of northwest gate; chiseled cross in circle on coping (Canal 15, N. Y. 9).....	26. 166
Watervliet, towpath abutment of old arsenal bridge, at north angle of main wall; chiseled cross on top of lower course (Canal 16, N. Y. 10).....	29. 042
Watervliet, on Congress Street, near northeast corner of foundation stone, south of main tower; square cut on towpath end of lift bridge (N. Y. 11).....	28. 377
Troy, on coping of north wall of north lock of "upper side cut;" chiseled cross on northwest corner of stone (Canal 18, N. Y. 13).....	26. 825
Green Island, on coping of lock 3, between ends of anchor; chiseled square on southwest gate of west lock (Canal 21, N. Y. 14).....	37. 678
Green Island, near, on coping of lock 4, between ends of anchor; chiseled cross on southwest gate of west lock (Canal 23, N. Y. 15).....	48. 841
Cohoes, near, on coping of lock 5, between ends of anchor; chiseled square on southwest gate of west lock (Canal 25, N. Y. 16).....	59. 625

Rensselaer to Cohoes.²

Bath, near, northeast corner of stone culvert under the New York Central & Hudson River R. R., about 1,000 feet north of Bath Dyke Light; center of a square cut in top stone.....	20. 428
Troy, near, northwest corner of culvert under the New York Central & Hudson River R. R., about 300 feet north of Covills Folly Light; cross cut in top of stone.....	18. 243
West Troy, northeast corner of west abutment of Congress Street bridge; cross cut on second stone of second course, marked "B. M.".....	21. 158

Rensselaer to Troy.

Rensselaer, about 1 mile south of railroad station, at bridge by which the Albany and Hudson "third rail" electric road crosses the New York Central & Hudson River R. R. tracks, on west corner of pier supporting the southwest end of first bent of iron trestle approaching bridge, about 40 feet east of east rail; bottom of a square hole cut on the bottom stone (C. & G. S. M.).....	26. 878
Rensselaer, in southern part of town, on west side of an overhead bridge, near a pork-packing house, at south end of an open ditch where water goes underground; top of a round fishplate bolt set vertically in a rock (R. R. V. O.).....	21. 993
Rensselaer, about 0.5 mile south of railroad station, about 200 yards south of Second Avenue, about 100 feet west of west rail of New York Central & Hudson River R. R., on water table of the brick car house of the electric railway company, on east side of building, 3 feet from northeast corner; bottom of a $\frac{1}{4}$ -inch square, 3 feet above ground, lettered "U.S.B.M." (C. & G. S. N.).....	17. 610
Rensselaer, at foot of Second Avenue, on lower side of avenue; cross cut on northwest side of northeast corner of stone foundation of steam grist-mill (C. & G. S. Gristmill).....	13. 863
Rensselaer, a few rods south of bridge over Second Avenue, west side of railroad; cross on springing stone of north arch of culvert of Boston & Albany R. R. (U. S. Corps of Engineers b. m.).....	14. 017

¹ Rept. State Engineer and Surveyor for 1901. ² Information furnished by Board on Deep Waterways.

Troy, on brick building of the Hudson River Terminal Warehouse Co., just east of the New York Central & Hudson River R. R., on Jackson Street, in southern edge of city; intersection of two lines cut in copper bolt leaded horizontally in front wall, 2 feet from northwest corner (C. & G. S. O ₁) .	Feet.
Troy, on northwest corner of Monroe and River streets, in south end of east side of Trojan warehouse of the Fuller & Warren Co.; cross with square cut around it on north end of stone doorsill (D. W., Troy 2).....	26. 805
Troy, water table at northeast corner of Monroe and First streets (City b. m. 1).....	23. 758
Troy, water table at northeast corner of Monroe and First streets (City b. m. 1).....	23. 054
Troy, rear wall of brick building of the International Shirt & Collar Co., on northeast corner of Adams and River streets; intersection of two lines cut in end of copper bolt leaded horizontally in center of third brick from corner (C. & G. S. P ₁)	27. 181
Troy, northwest corner of Adams and First streets; water table of residence (City b. m. 2).....	26. 981

COHOES QUADRANGLE.

Cohoes to Crescent.¹

Cohoes, lock 6, south gate of west lock; top of screw bolt fastening down iron collar (N. Y., 7a, 1875, L. S. 10).....	69. 724
Cohoes, west lock 15, top of point of coping, southwest corner of east wall (N. Y., 8a, 1875, L. S. 11).....	159. 810
Cohoes, on southwest gate of west lock 18; cross in a circle on top of coping (N. Y. 30, 1901, L. S. 12).....	190. 077
Cohoes, 2.9 miles north of, at end of south wing wall of towpath abutment of bridge 33; cross in circle on top of coping, marked "B. M." (N. Y. 35, 1901, L. S. 13).....	192. 291
Crescent, southwest corner of southeast wing of Lower Mohawk aqueduct; cross in circle on top of parapet wall (N. Y. 36, 1901, L. S. 14).....	194. 618

Cohoes to Crescent.²

Cohoes, No. 1 Mohawk Street; square cut on south corner of doorsill of house (D. W., Cohoes 2).....	111. 070
Cohoes, east bank of the hydraulic canal and on west end of Cohoes Falls; crowfoot on northeast corner of retaining wall (D. W., Cohoes 3).....	155. 762
Cohoes, near, south end of the breakwater above the Cohoes Water Co.'s gatehouse, near western end of dam; "square" or "arrow" in southwest corner of top stone (N. Y. 33).....	160. 686
Cohoes, near, east abutment of bridge across canal, southeast face, southeast corner of south wing; highest point of corner stone (b. m. 9a).....	193. 265
Crescent, near, south wing of northeast abutment of second bridge over the Erie Canal south of the Lower Mohawk aqueduct, about 3,200 feet south of southern end of this aqueduct; cross in circle cut in south corner of coping stone (D. W., Crescent).....	192. 331

Cohoes to Crescent.³

Cohoes, near, lock 6, southwest gate of west lock; chiseled cross on coping between ends of anchor (Canal 27, N. Y. 17).....	69. 634
Cohoes, near, lock 7, southeast gate of east lock; chiseled square on coping between ends of anchor (Canal 29, N. Y. 18).....	79. 283

¹ Information furnished by U. S. Lake Survey.² Information furnished by Board on Deep Waterways.³ Rept. State Engineer and Surveyor for 1901.

Cohoes, near, lock 8, southwest gate of west lock; chiseled cross in circle on coping between ends of anchor (Canal 31, N. Y. 19).....	Feet. 89. 537
Cohoes, near, lock 9, southeast gate of east lock; chiseled cross in circle on coping between ends of anchor (Canal 33, N. Y. 20).....	99. 678
Cohoes, near, southwest gate of west lock 10; square cut on coping between ends of anchor (Canal 35, N. Y. 21).....	109. 625
Cohoes, near, southwest gate of west lock 11; chiseled cross in circle on coping between ends of anchor (Canal 37, N. Y. 22).....	119. 539
Cohoes, near, southwest gate of west lock 12; chiseled cross in circle on coping between ends of anchor (Canal 39, N. Y. 23).....	129. 732
Cohoes, near, southeast gate of east lock 13; chiseled cross in circle on coping between ends of anchor (Canal 41, N. Y. 24).....	139. 633
Cohoes, southeast gate of east lock 14; chiseled cross in circle on coping between ends of anchor (Canal 43, N. Y. 25).....	149. 576
Cohoes, southeast gate of east lock 15; chiseled cross in circle on coping between ends of anchor (Canal 45, N. Y. 27).....	159. 710
Cohoes, southeast gate of east lock 16; chiseled cross in circle on coping between ends of anchor (Canal 47, N. Y. 28).....	169. 653
Cohoes, southwest gate of west lock 17; chiseled cross on bolt head in coping between ends of anchor (N. Y. 29).....	179. 794
Cohoes, near, north end of berme abutment of bridge 31; point cut in square on northeast corner lower step (N. Y. 32).....	192. 092
Crescent, northwest corner, southeast wing of aqueduct; chiseled cross in circle on top of coping (Canal 60, N. Y. 37).....	194. 527
Crescent, near, on bridge 36, at center of towpath abutment, sixth course, under coping; chiseled cross in circle on face (Canal 62, N. Y. 38).....	191. 465

Point near Waterford to point near Bemis Heights.

Waterford, near, southeast gate of lock 1; chiseled cross in circle on coping between ends of anchor (Canal 1, N. Y. 1).....	38. 208
Waterford, near, southeast gate of lock 2; chiseled cross in circle on coping between ends of anchor (Canal 3, N. Y. 2).....	49. 558
Waterford, near, southwest gate of lock 3; chiseled cross in circle on coping between ends of anchor (Canal 5, N. Y. 3).....	51. 456
Waterford, near, northeast gate of lock 4; chiseled square on coping between ends of anchor (N. Y. 4).....	55. 477
Waterford, Waterford side cut, southwest angle, upper combined lock; chiseled square in circle on coping (Canal 9, N. Y. 5).....	49. 188
Waterford, 0.2 mile north of, on Delaware & Hudson Co. R. R. bridge over canal, north wing, towpath abutment; chiseled square on lower step (N. Y. 7).....	54. 490
Waterford, near, southeast gate of lock 5; chiseled square on coping between ends of anchor (N. Y. 8).....	62. 215
Waterford, near, southeast gate of lock 6; chiseled square on coping between ends of anchor (N. Y. 9).....	75. 426
Waterford, near, north wing of towpath abutment of bridge 11; chiseled square on third step (N. Y. 10).....	81. 044
Waterford, near, south wing of towpath abutment of bridge 13, third bridge north of lock 6; chiseled square on second step (N. Y. 11).....	80. 285
Waterford, near, south wing of towpath abutment of bridge 15; chiseled square on first step (N. Y. 12).....	80. 292
Waterford, near, north wing of towpath abutment of farm bridge 16; chiseled square on first step (N. Y. 14).....	79. 380

Waterford, near, southeast gate of lock 7; chiseled square on coping, between ends of anchor (N. Y. 15).....	Feet. 83.025
Mechanicville, near, north wing of towpath abutment of bridge 19, about 400 feet west of schoolhouse; chiseled square on first step (N. Y. 16)....	88.049
Mechanicville, near, southeast gate of lock 8; chiseled square on coping between ends of anchor (N. Y. 17).....	94.117
Mechanicville, near, southwest corner of south wing of bridge 21; chiseled square on lower step towpath abutment (N. Y. 18).....	95.278
Mechanicville, near, south wing of towpath abutment of bridge 22; chiseled square on first step (N. Y. 19).....	95.957
Mechanicville, south foundation of lift bridge 24, Park Avenue, towpath side; square cut on southwest corner (N. Y. 22).....	95.090
Mechanicville, near, on pulp mill side track bridge, towpath side; chiseled square on southwest corner of south foundation (N. Y. 23).....	95.230
Mechanicville, near, on wasteweir 5, south abutment, first wasteweir north of Mechanicville; chiseled square on northeast corner of coping stone (N. Y. 24).....	94.331
Stillwater, near, southwest gate of lock 9; chiseled square on coping between ends of anchor (N. Y. 26).....	103.178
Stillwater, near, south wing of berme abutment of bridge 30; chiseled square on second step (N. Y. 27).....	103.485
Stillwater, near, south wing of berme abutment of bridge 32; chiseled square on lower step (N. Y. 28).....	105.540
Stillwater, south wing of towpath abutment of bridge 33, on Sisson Street; chiseled square on lower step (N. Y. 29).....	103.621
Stillwater, near, south wing of towpath abutment of bridge 35; chiseled square on second step (N. Y. 31).....	104.565
Bemis Heights, near, south wing towpath abutment of farm and highway bridge 36; chiseled square on second step (N. Y. 32).....	104.763
Bemis Heights, near, towpath abutment, Ford's farm bridge 38; chiseled square on projection south wing, about 3 feet above ground (N. Y. 33)..	106.017
Bemis Heights, near, south wing towpath abutment of Britton's farm bridge 39; chiseled square on lower step (N. Y. 34).....	105.144
Bemis Heights; chiseled cross on southeast corner of middle abutment of Bemis Heights wasteweir (N. Y. 36).....	103.491
Bemis Heights, east angle of towpath abutment of bridge 41; point cut on face of masonry second course above ground (N. Y. 37).....	104.092
Bemis Heights, south wing towpath abutment of Van Wie's farm bridge 44; chiseled square on lower step (N. Y. 39).....	105.455

Waterford to point near Bemis Heights.¹

Waterford, north abutment of Delaware & Hudson Co. R. R. bridge over the Fourth Branch of the Mohawk River; crowfoot on southwest corner of bridge seat (D. W., Waterford 1).....	29.684
Waterford, west entrance of the Delaware & Hudson Canal Co. passenger (lower) station; square cut in south end of stone doorsill (N. Y. 6).....	35.633
Waterford, about 3.5 miles north of, about 0.2 mile east of canal, on south side of George S. Forse's roadhouse on east side of Waterford and Whitehall road; square cut in east end of stone window sill of west cellar window (N. Y. 13).....	52.170
Mechanicville, most northerly window on west face of the Hudson River Power Transmission-Co.'s power house; square cut on north end of stone sill (D. W., Mechanicville 1).....	61.141

¹ Information furnished by Board on Deep Waterways.

	Feet.
Mechanicville, near southwest corner of sluice gates and at west end of weir of Hudson River Power Transmission Co.'s dam; square cut in surface of concrete masonry (D. W., Mechanicville 2).....	55. 891
Mechanicville, on Main Street, between tower and main entrance of the Presbyterian Church; square cut near south end of sill of basement window (N. Y., 20).....	88. 376
Mechanicville, Main Street, northeast corner of main building of the Methodist Episcopal Church; notch cut in angle of the stone water table (N. Y. 21).....	88. 560
Mechanicville, south door on west front of chipping mill at Duncan Co.'s pulp and paper mills; square cut on north end of stone sill (D. W., Mechanicville 5).....	92. 137
Mechanicville, near, on way to Stillwater, just east of the electric railway track at west end of the Boston & Maine R. R. bridge over Hudson River; head of bolt at base of first south column (N. Y. 25).....	86. 041
Stillwater; square cut in south end of large flat stone step at entrance to the First Methodist Episcopal Church (N. Y. 30).....	89. 047
Between Stillwater and Schaghticoke, on right bank of the Hoosick River, about 200 feet from water's edge in main channel, about 1,000 feet downstream from mouth of the Tourhannock Creek; spike in bench cut in a root on west side of an elm tree (D. W., Stillwater 2).....	99. 857
Bemis Heights, on north abutment of wasteweir or sluice gate of Champlain Canal near iron truss canal bridge 36; top of an iron bolt with stone chiseled away around it in southeast corner of top stone (N. Y. 35).....	103. 243
Bemis Heights, about 1 mile north of, on south end of east abutment of iron truss canal bridge 39; square cut in southwest corner of stone in lower course (N. Y. 38).....	105. 063

SCHUYLerville QUADRANGLE.

Point near Bemis Heights to point near Fort Edward.¹

Bemis Heights, near, on Wilber's wasteweir, first step from top of middle abutment; square cut on northeast corner of stone (N. Y. 40).....	102. 361
Bemis Heights, near, on bridge 48, north wing of towpath abutment of farm bridge; chiseled circle on lower step (N. Y. 41).....	104. 820
Bemis Heights, near, on bridge 49, north wing of towpath abutment; circle cut on lower step (N. Y. 42).....	105. 279
Coveville, near, on bridge 50, south wing of towpath abutment of road bridge; chiseled circle on lower step (N. Y. 43).....	104. 567
Coveville, near, on bridge 51, north wing of towpath abutment of farm bridge; chiseled circle on lower step (N. Y. 44).....	105. 242
Coveville, near, on bridge 52, south wing of berme abutment of first bridge south of Salisbury's road bridge; chiseled square cut on second step (N. Y. 45).....	104. 747
Coveville, near, on bridge 53, north wing of towpath abutment of Salisbury's road bridge; chiseled square on first step (N. Y. 46).....	105. 208
Coveville, near, on farm bridge 54, north wing of towpath abutment; square cut on second step (N. Y. 47).....	104. 959
Coveville, near, on bridge 55, north wing of towpath abutment, first bridge south of electric railroad bridge; chiseled circle on second step (N. Y. 48).....	103. 824
Coveville, on wasteweir; chiseled circle on coping of north abutment (N. Y. 49).....	102. 669

¹ Rept. State Engineer and Surveyor for 1901.

Coveville, near, on bridge 58, north wing of towpath abutment; chiseled circle on lower step (N. Y. 51).....	Feet. 106. 008
Schuylerville, near, on bridge 59, south wing of towpath abutment; chiseled circle on lower step (N. Y. 52).....	106. 909
Schuylerville, near, on bridge 60, south wing of towpath abutment; chiseled square on lower step (N. Y. 53).....	106. 408
Schuylerville, on bridge 62, north wing of towpath abutment, first bridge south of Ferry Street; chiseled square on lower step (N. Y. 54).....	106. 275
Schuylerville, on bridge 64, Saratoga Street, north wing of towpath abutment, first bridge north of Ferry Street; chiseled square on lower step (N. Y. 56).....	105. 324
Schuylerville, near, south wing of towpath abutment; chiseled square on lower step. Bridge down. (N. Y. 58).....	107. 377
Northumberland, near, southeast gate of lock 10; chiseled circle with two diameters crossing at right angles on coping between ends of anchor (Canal b. m. No. 46).....	109. 046
Northumberland, near, southeast gate of lock 11; chiseled square on coping between ends of anchor (N. Y. 61).....	112. 353
Fort Miller, near, on bridge 69, south wing of berme abutment, first bridge north of lock 11; chiseled circle with two diameters crossing at right angles on lower step (N. Y. 62).....	114. 172
Fort Miller, near, on wasteweir 12, south abutment, towpath side; chiseled square on top step (N. Y. 63).....	111. 503
Fort Miller, near, southeast gate of lock 12; chiseled square on coping between ends of anchor (N. Y. 64).....	121. 202
Fort Miller, near, on wasteweir 13, south wing; chiseled square cut on top of coping (N. Y. 65).....	120. 279
Fort Miller, on bridge 74, north wing of east abutment of Fort Miller change bridge; chiseled square on lower step (N. Y. 66).....	121. 958
Fort Miller, near, on bridge 75, north wing of towpath abutment, first bridge south of lock 13; chiseled square in circle on lower step (N. Y. 68).....	123. 076
Fort Miller, near, southwest gate of lock 13; chiseled circle on coping between ends of anchor (N. Y. 69).....	131. 782
Fort Miller, near, on bridge 77, north wing of towpath abutment of farm bridge; chiseled square on lower step (N. Y. 70).....	132. 520
Fort Miller, near, on farm bridge 78, north wing of towpath abutment; chiseled cross in circle on second step (N. Y. 71).....	131. 949
Fort Miller, near, on Comer's farm bridge 79, north wing of berme abutment; chiseled cross in lower step (N. Y. 72).....	132. 516
Fort Miller, near, on farm bridge 80, south wing of berme abutment; chiseled cross on lower step (N. Y. 73).....	132. 830
Fort Miller, near, on bridge 81, south wing of towpath abutment; chiseled circle on lower step (N. Y. 74).....	132. 128
Fort Miller, near, southeast gate of lock 14; chiseled cross in circle on coping between ends of anchor (Canal b. m. No. 63).....	140. 424
Fort Edward, near, on bridge 84, south wing of towpath abutment; chiseled circle on lower step (N. Y. 77).....	139. 961
Fort Edward, near, on bridge 85, north wing of towpath abutment; chiseled square on second step (N. Y. 78).....	140. 277
Fort Edward, near, on wasteweir 14; chiseled square on northwest corner of coping of south abutment (N. Y. 79).....	138. 433
Fort Edward, near, on bridge 87, south wing of berme abutment; chiseled square on lower step (N. Y. 80).....	141. 831
Fort Edward, near, on bridge 88, north wing of towpath abutment of road bridge; chiseled cross in circle on lower step (N. Y. 81).....	141. 445

Wilbur's Basin to point near Fort Edward.¹

Wilbur's Basin, north end of semicircular coping on stonework of the outlet of basin; square cut on southwest corner of stone.....	Feet. 102. 059
Coveville, about 1,000 feet east of, on south abutment of Champlain Canal bridge; circle cut on northeast corner of last stone of second course above surface of ground.....	105. 797
Schuylerville, on Ferry Street Bridge, "Canal bridge 60," on north wall of east or towpath abutment; chiseled circle on northeast corner of ninth stone of third course from ground (D. W.).....	105. 905
Schuylerville, on south wing wall of west abutment of Champlain Canal bridge 62, on road leading to new iron truss bridge over Hudson River; chiseled square on southeast corner of stone at south end of second course of masonry above water surface	104. 352
Northumberland, south end of east wall of lock 10; square cut on southeast corner of coping (N. Y. 60).....	109. 102
Fort Miller, about 1,700 feet north of Tharp & Wegman's pulp mill (D. W.), on east side of highway along east bank of Hudson River, in south end of south window sill in front of brick blacksmith shop; square cut (N. Y. 67).	123. 226
Moses Kill, "on bridge 83" (N. Y.), or "the Champlain Canal bridge just north of the aqueduct" (D. W.) on "west abutment" (D. W.), or "north wing towpath abutment" (N. Y.), chiseled square "on rear of second course of masonry" (N. Y.), or "on northwest corner of north stone in second course above ground" (D. W.).....	141. 898
Fort Edward, near, "across the river from and almost 600 feet south of mouth of Snook Kill" (D. W.), "on road bridge 90 over canal on north wing, west of towpath abutment; chiseled square on second step" (N. Y.) or "in northeast corner of north stone third course above ground" (D. W.) (N. Y. 82).....	141. 968

GLENS FALLS QUADRANGLE.

Fort Edward to Smiths Basin.²

Fort Edward, near, on bridge 91, south wing of berme abutment of farm bridge, about 600 feet north of brick house in field; chiseled cross in circle on lower step (N. Y. 83).....	140. 938
Fort Edward, near, on farm bridge 93, south wing of berme abutment; chiseled cross in circle on lower step (N. Y. 84).....	140. 193
Fort Edward, near, on farm bridge 94, north wing of berme abutment; chiseled cross in circle on lower step (N. Y. 85).....	141. 201
Fort Edward, near, on road bridge 95, first bridge south of electric railroad, north wing of berme abutment; chiseled cross in circle on lower step (N. Y. 86).....	141. 804
Fort Edward, near, on bridge 96, north wing of towpath abutment; chiseled cross in circle on second step (N. Y. 87).....	141. 530
Fort Edward, at edge of canal, towpath side of aqueduct 4, chiseled cross in circle on south end of coping of wall (N. Y. 88).....	139. 936
Fort Edward, near, southeast gate of lock 15; chiseled cross in circle on coping between ends of anchor (Canal b. m. 79).....	148. 524
Fort Edward, near, on bridge 99, first bridge north of lock 15, south wing of berme abutment; chiseled cross in circle on lower step (N. Y. 91)....	149. 759
Fort Edward, 1.2 miles north of, on wasteweir 15, north abutment; chiseled square on coping of east wing (N. Y. 92).....	148. 307

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.

Glens Falls, on bridge 100, north wing of berme abutment of change bridge at Glens Falls feeder; chiseled cross in circle on lower step (N. Y. 93).....	Feet. 152.854
Glens Falls, near, on bridge 101, north wing of berme abutment of farm bridge; chiseled circle on second step (N. Y. 94).....	150.422
Dunhams Basin, near, on bridge 102, north wing of berme abutment of Dunham's road bridge; chiseled square on lower step (N. Y. 96).....	148.887
Dunhams Basin, on northwest corner of a red barn, on towpath; chiseled square on stone foundation (N. Y. 97).....	147.776
Dunhams Basin, about 3 miles north of, about 30 feet from angle of towpath in Davison's front yard, spike in west side of elm tree (N. Y. 98).....	150.733
Smiths Basin, on bridge 103, north end of second course of masonry, towpath abutment; chiseled square on projection (N. Y. 99).....	150.595
Smiths Basin, near, on bridge 104, north wing of towpath abutment; chiseled square on lower step (N. Y. 100).....	151.467

Fort Edward to Smiths Basin.¹

Dunhams Basin, south abutment of Delaware & Hudson Co. bridge over canal overflow, 600 feet south of highway; top course of masonry; chiseled square on northwest corner of west stone (N. Y. 95).....	145.690
Smiths Basin, small plate-girder bridge of Delaware & Hudson Co., just north of station, on south abutment; chiseled square on northwest corner of west stone of top course of masonry (N. Y. 101).....	141.559

FORT ANN QUADRANGLE.

Smiths Basin to point near Comstock.¹

Smiths Basin, on bridge 105, north wing of towpath abutment; chiseled square on second step (N. Y. 102).....	149.905
Smiths Basin, near, on bridge 106, south wing of berme abutment; chiseled cross in circle on lower step (N. Y. 103).....	149.809
Smiths Basin, near, on bridge 107, north wing of berme abutment; chiseled square on lower step (N. Y. 104).....	149.916
Smiths Basin, near, on bridge 108, south wing of berme abutment; chiseled square on lower step (N. Y. 105).....	149.810
Fort Ann, 1.5 miles south of, on bridge 110, north wing of berme abutment of road bridge; chiseled square on lower step (N. Y. 106).....	151.327
Fort Ann, near, on road bridge 111, north wing of towpath abutment; chiseled square on lower step (N. Y. 107).....	149.109
Fort Ann, near, on farm bridge 112, north wing of towpath abutment; chiseled square on lower step (N. Y. 108).....	151.898
Fort Ann, near, on bridge 113, south wing of berme abutment of farm bridge; chiseled square on lower step (N. Y. 109).....	151.156
Fort Ann, near, southwest gate of lock 16; chiseled square on coping between ends of anchor (N. Y. 110).....	148.345
Fort Ann, near, northeast gate of lock 18; chiseled square on coping between ends of anchor (N. Y. 111).....	132.154
Comstock, near, on Dewey's private bridge, second course of masonry of south wing of towpath abutment; chisel mark on projection of fifth stone (N. Y. 113).....	128.311
Comstock, near, northwest gate of lock 19, chiseled square on coping between ends of anchor (N. Y. 114).....	126.648

¹ Rept. State Engineer and Surveyor for 1901.

Comstock, near, on Comstock's road bridge 118, south wing of towpath abutment; chiseled square on projection of first course of masonry (N. Y. 116).....	Feet. 125. 133
Comstock, near, on private road, towpath abutment (near center); chiseled circle on projection of fifth course of masonry below coping (N. Y. 117)...	124. 715
Comstock, near, on bridge 120, south wing of towpath abutment; chiseled square on second step (N. Y. 118).....	126. 042
Comstock, near, northwest gate of lock 20; chiseled square on coping between ends of anchor (N. Y. 119).....	126. 812
Between Comstock and Whitehall, on bridge 125, about 1 mile north of lock 20, north wing of berme abutment; chiseled square cut on lower step (N. Y. 121).....	123. 241
Between Comstock and Whitehall, on bridge 126, north wing of towpath abutment; chiseled square on lower step (N. Y. 122).....	124. 043

Fort Ann to point near Comstock.¹

Fort Ann, north abutment of the Delaware & Hudson Co. bridge over canal, on coping of parapet wall, directly opposite space between two bridges; cross cut on north edge of stone (N. Y. 112).....	139. 371
Comstock, 2,800 feet south of station, on east side of roadbed of Delaware & Hudson Co.; square cut in southeast corner of south stone of coping of culvert (N. Y. 115).....	131. 082
Between Comstock and Whitehall, south berme abutment of Delaware & Hudson Co. bridge over canal, on west side at north end of plate girder where it connects with middle truss of bridge; square cut on southeast corner of stone (N. Y. 120).....	133. 672

WHITEHALL QUADRANGLE.**Bench marks near Whitehall.¹**

Whitehall, near, on bridge 127, north wing of towpath abutment; chiseled square on lower step (N. Y. 123).....	133. 943
Whitehall, near, on farm bridge 129, north wing of towpath abutment; chiseled square on lower step (N. Y. 124).....	123. 121
Whitehall, near, on farm bridge 130, south wing of berme abutment; chiseled cross in circle on second step (N. Y. 125).....	123. 884
Whitehall, near, on bridge 131, first bridge south of Delaware & Hudson Co. bridge, north wing of berme abutment; chiseled square on lower step (N. Y. 126).....	125. 575
Whitehall, on wastewear 24, north wall, east stone, about 1,100 feet south of Delaware & Hudson Co., Rutland branch; chiseled square on coping (N. Y. 127).....	122. 695
Whitehall, on Fordman Street Bridge 132, north wing of towpath abutment; chiseled square on lower step (N. Y. 128).....	124. 894
Whitehall, northeast gate of lock 21, between ends of anchor; chiseled square on coping of lock 21 (N. Y. 129).....	121. 505

Whitehall to Putnam.²

Whitehall, near, top course of south abutment of canal sluice, 1,100 feet south of bridge over canal; square cut on east stone (Whitehall 1).....	122. 703
Whitehall, lower lock 23, between end of anchor and northwest gate; coping of west wall (N. Y. 130).....	103. 564

¹ Rept. State Engineer and Surveyor for 1901.² Information furnished by Board on Deep Waterways.

Whitehall, north of town, about 1 foot above ground, near middle of east side of second rock cut; square cut on shelf of rock, marked "U.S.B.M."..	Feet. 107. 143
Snody Dock, about 1,000 feet south of, on west side of roadbed of Delaware & Hudson Co.; square cut on northwest corner of north stone of coping of culvert.....	105. 683
Chubbs Dock, about 400 feet north of station, top course of north abutment of small plate-girder bridge 5, Delaware & Hudson Co.; square cut on southeast corner of east large stone.....	106. 282
Putnam, on west side of railroad track near north end of first rock cut south of station; chiseled cross in circle on a ledge of rock (U. S. C. S. 39)....	106. 630
Putnam, west face of large Delaware & Hudson Co. culvert.; square cut on southeast corner of stone coping.....	105. 260

TICONDEROGA QUADRANGLE.**Wright to Crown Point.¹**

Wright, about 1,800 feet north of, south abutment of Delaware & Hudson Co. bridge 16, second course of masonry from top; square cut in northeast corner.....	107. 628
Fort Ticonderoga, south of station; square cut on southwest corner of masonry projection of water tank.....	108. 568
Five Mile Point, about 2,200 feet south of, between Addison Junction and Crown Point, east coping of culvert on Delaware & Hudson Co. line over creek entering Lake Champlain; square cut on southeast corner.....	106. 876
Crown Point, about 2,800 feet north of, south end of east wing wall of south abutment of Delaware & Hudson Co. bridge 23 over Putnam Creek; square cut on surface of coping.....	113. 405
Fort Frederick, about 1,600 feet south of ruins of old English fort, in center of thornbush thicket, 1,700 feet west of highway; lead bolt in center of pyramid cut on natural rock outcrop, marked "U.S.C.S. Base Line, 1872".....	161. 144
Crown Point lighthouse, on east side, just south of corner of second course above ground; square cut in masonry.....	129. 824

PLATTSBURG QUADRANGLE.**Bench mark at Plattsburg.**

Plattsburg, in north wall of culvert at crossing of Delaware & Hudson Co. track and Bridge Street, at south dock, in large stone in third course from bottom and fifth from top; five holes in nearly a horizontal line; middle hole filled with lead and marked "U.S." (C. & G. S. b. m.)....	109. 065
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ROUSE POINT QUADRANGLE.**Coopersville via Rouse Point to point near Champlain.¹**

Coopersville, 1.5 miles north of, about 800 feet south of Leggets crossing, on west side of Delaware & Hudson Co. track, 2 feet west of west side of opening and 6 inches back from north edge of a culvert; point in a square on iron pin in coping stone.....	132. 740
Rouse Point, north side of Chapman Block, 20.6 feet west from northeast corner, on west side of Lake Street and south side of Chapman Street, 1.6 feet above ground; cross in circle on water table.....	107. 950
Fort Montgomery, north face of bastion B, about 3 feet from angle with east curtain of fort; level of base of scarp wall (U. S. Corps of Engineers b. m.).	94. 000

¹ Information furnished by Board on Deep Waterways.

	Feet.
Champlain, about 7,500 feet from the Oak Street Bridge, between Cooper-ville and Champlain, on south side of highway, on east side of Great Chazy River; nail driven in root on southwest side of an elm tree 3½ feet in diameter (D. W., Champlain 1).....	131. 839
Champlain, on west side of north abutment of the Oak Street Bridge over Great Chazy River; 2-inch square cut in top of first step above main abutment (D. W., Champlain 2).....	108. 505
Champlain, about 1 mile north of, near east side of front door of the Champlain waterworks; 1½-inch square cut in stone step (D. W., Champlain 3).....	163. 978
Champlain, about 2.6 miles northwest of, on north side of Great Chazy River, about 80 feet west of a small creek, about 1,400 feet north of north bank of Great Chazy River, about 730 feet south of international boundary line; nail in root on west side of an elm tree 1½ feet in diameter (D. W., Champlain 4).....	170. 138

MOIRA QUADRANGLE.**Bench marks near Hogansburg.**

Hogansburg, main tower of St. Patrick's Catholic Church; center punch mark in a brass bolt cemented into northeast face of east buttress (U. S. Corps of Engineers P, Hogansburg).....	178. 260
Hogansburg, 1 foot from east corner of Catholic convent, southeast face, about 2 feet above surface of ground; center punch mark in a brass bolt cemented into limestone water table, marked "U. S. C. S. U. S. Corps of Engineers C, Hogansburg".....	179. 950
Raquette River, about 350 feet northwest of northwest bank of, 20.5 feet southeast of a large white pine tree 9 feet in circumference; top of round-headed brass bolt set in a concrete base, marked "U. S. P. B. M. 1." Mark is covered by 1.2 feet of earth (U. S. Corps of Engineers 1).....	171. 882
Grass River, just east of mouth of, on north side of Grass River road, 3 feet south of north fence line of road and on west fence line of house lot of William Tucker; top of roundheaded brass bolt set in a concrete base, marked U. S. P. B. M. 2" (U. S. Corps of Engineers 2).....	207. 981

At Fort Covington.

Fort Covington, Grand Trunk Ry. bridge over the Salmon River, 1 foot from south edge and 1 foot from east edge of east abutment; 2-inch square (D. W., Fort Covington).....	166. 452
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MASSENA QUADRANGLE.**Mouth of Grass River to Louisville Landing.**

Farm of John Wood, opposite, 3 feet south of fence on north side of river road and in center of north-south road branching off river road, 25 feet east of a honey-locust hedge on west line of said farm; top of a round-headed brass bolt cemented into a concrete base (U. S. Corps of Engineers 3).....	204. 378
Pollys Creek, 420 feet east of, 5.5 feet from south fence of road, on south side of river road on line of a stone fence running north and south, opposite barnyard of Frank Polly's farm; top of roundheaded brass bolt set in concrete base (U. S. Corps of Engineers 4).....	221. 378
House of Norman Hopson, corner of fence in turn of road at, on north side of river road, 2.8 feet from fence corner; top of roundheaded brass bolt set in concrete base (U. S. Corps of Engineers 5).....	247. 357

Richards Landing, 3 feet north of south fence line of river road, 58.5 feet east of east face of Isaac Richard's residence; top of roundheaded brass bolt set in concrete base (U. S. Corps of Engineers 6).....	232. 381
Louisville Landing, 2.5 feet from northwest corner of hotel of R. B. Matthews, west face of building; center punch mark in brass bolt cemented in foundation stone 0.9 foot above ground, marked "U. S." (U. S. Corps of Engineers, Louisville Landing)	230. 010

WADDINGTON QUADRANGLE.**Louisville Landing to Waddington.**

Charles Whalen's house, 22.7 feet west and on west fence line of, on north side of river road, 3 feet east of fence; top of roundheaded brass bolt set in concrete base (U. S. Corps of Engineers 7).....	224. 211
Bradford Hill, opposite house of William Bradford, 6.8 feet from the north fence line of river road, in orchard on north side of river road; top of roundheaded brass bolt set into top of a large granite boulder (U. S. Corps of Engineers 8).....	259. 415
Coles Creek, on north side of river road, abreast of Egg Island, 5.8 feet south of south corner of large wooden barn of William Hosmer; top of roundheaded brass bolt set in concrete base (U. S. Corps of Engineers 9).....	238. 826
Murphys Island, abreast of, on north side of river road, 4.2 feet south of north fence line, on the property line between the Dartis and Scott lots; top of roundheaded brass bolt set into concrete base (U. S. Corps of Engineers 10).....	236. 264
Waddington, on southwest face of St. Paul's Episcopal Church, 3 inches from south corner and 24 inches above ground; center punch mark in brass bolt cemented into upper foundation stone, marked "U. S. 11" (U. S. Corps of Engineers 11).....	278. 401
Waddington, on Presbyterian Church, 12 feet northeast from center of main entrance, 1.6 feet from outer corner of south buttress, 1.5 feet above ground; center punch mark in a brass bolt cemented into buttress, marked "U. S. A." (U. S. Corps of Engineers A).....	272. 883
Waddington, northeast face of town hall, 1.9 feet from north corner and 0.8 foot above ground; center punch mark in a brass bolt cemented into foundation masonry, marked U. S. B. (U. S. Corps of Engineers B).....	276. 065
Point Three Points (better known as White House Point or Waddells Point), south side of river road at turn just west from; top of roundheaded brass bolt cemented into top of large granite boulder (U. S. Corps of Engineers 12).....	253. 296

RED MILLS QUADRANGLE.**Tilden to Lisbon.**

Tilden, just opposite Iroquois Point, on east property line of post office, on north side of river road; top of roundheaded brass bolt cemented into top of boulder (U. S. Corps of Engineers 13 A).....	273. 423
Tilden, on north side of river road, on town line between Lisbon and Waddington, on southeast face of post office, 7.2 feet from south corner. 0.8 foot above ground; center punch mark in a brass bolt cemented into foundation stone, marked "U. S." (U. S. Corps of Engineers 13).....	269. 953
Silas Samon's property, at a turn in the fence on east property line, on north side of river road, 7 feet west from a large sugar-maple tree blazed and marked "U. S. P. B. M. 14;" top of roundheaded brass bolt set into concrete base covered by 1 foot of earth (U. S. Corps of Engineers 14).....	273. 525

OGDENSBURG QUADRANGLE.

Lisbon to Ogdensburg.

	Feet.
Lisbon, south side of river road, on west corner of north face of stone Episcopal Church, 28 inches above ground; center punch mark in a brass bolt cemented into corner stone, marked "U.S. 15" (U. S. Corps of Engineers 15).....	278. 723
Ogdensburg, below, in New York State Hospital grounds, on north side of Infirmary Building, rear, 12.7 feet from west corner, 50.5 feet from center of doorway on north side, 4 feet above ground; center punch mark in a brass bolt cemented into red sandstone, marked "U.S." (U. S. Corps of Engineers 16).....	282. 230
Ogdensburg, on southwest corner of the Armory building, Ford Street, 34 inches above surface of ground; center punch mark in a brass bolt cemented into a 12 by 18 inch red sandstone, marked "U.S.A." (U. S. Corps of Engineers A, Ogdensburg).....	277. 897
Ogdensburg, corner of Ford and Caroline streets, on southeast face of town hall and opera house, 6.25 feet from southwest corner of building, 2.25 feet above surface of ground; center punch mark in a brass bolt cemented into a 12 by 18 inch foundation stone, marked "U.S.B." (U. S. Corps of Engineers B, Ogdensburg).....	280. 745
Ogdensburg, on northeast corner of the United States customhouse, State Street, 7½ inches west of said corner of building, on north face, 4 feet above sidewalk; center punch mark in a brass bolt cemented into a coping corner stone, marked "U.S.C." (U. S. Corps of Engineers C, Ogdensburg).....	289. 877
Ogdensburg, on north face of United States lighthouse, on west pier at mouth of Oswegatchie River, 48½ inches southwest of north corner of house, 32½ inches above surface of ground; center punch mark in a brass bolt cemented into coping stone, marked "U.S.D." (U. S. Corps of Engineers D, Ogdensburg).....	251. 022

BRIER HILL QUADRANGLE.

Ogdensburg to Oak Point.

Ogdensburg, 3 miles above Seymour House, 31.7 feet south of center of track of New York Central & Hudson River R. R., near Nevins Point, 25.5 feet north of a large elm tree 30 inches in diameter, blazed and marked "U.S.;" 200 feet south of a stone ice house, about 250 feet northeast of a stone barn; top of roundheaded brass bolt set into concrete base, 12 inches below surface of ground (U. S. Corps of Engineers 17).....	259. 397
Ogdensburg, 6 miles above Seymour House, about 900 feet northwest from house of Le Rock, 45.6 feet northwest of center of track of New York Central & Hudson River R. R., 292.5 feet northeast of section post 23-24, 124 feet west from a wagon road leading from Le Rock's house to St. Lawrence River, about 200 feet southwest from a small stone boathouse on river bank, 70 feet north of a telegraph pole blazed and marked "U.S.;" top of square-headed brass bolt cemented into bedrock, 6 inches under ground (U. S. Corps of Engineers 18).....	249. 048
Dows Point, 25.8 feet northwest from center line of railroad, 52 feet southeast of ledge of rock on St. Lawrence River bank, 20° northwest, a distance of about 1,000 feet from residence of George Beattie, 2 miles below Morris-town, 331 feet southwest from southwest corner of "Rock Ledge" summer cottage, 60 feet northwest from a blazed telegraph pole; top of round-headed brass bolt cemented into bedrock (U. S. Corps of Engineers 19).....	249. 346

Morristown, in northwest end of, on northwest corner of lumber office of Gillies Bros. Co. (Ltd.), 6 inches from northwest corner and about 18 inches above ground; center punch mark in a brass bolt cemented into coping stone, marked "U.S.A." (U. S. Corps of Engineers A, Morristown).....	Feet. 272. 688
Morristown, 68 feet west and across the road from p. b. m. A, on east face of a stone warehouse, 8 inches from southeast corner; center punch mark in a brass bolt cemented into corner stone of foundation masonry, marked "U.S.B." (U. S. Corps of Engineers B, Morristown).....	271. 288
Morristown, on west side of bay, on east face of south wing of residence of Henry Chapman, 17 inches above surface of ground; center punch mark in a brass bolt cemented into masonry, marked "U. S. C." (U. S. Corps of Engineers C, Morristown).....	257. 998
Morristown, near shore of St. Lawrence River, on east side of a small bay, 1.6 miles above p. b. m. C, on range with upper end of Old Mans Island and Umbrella Island, at foot of a ledge of rock at Rowley's or Homes Point, 6 feet from face of ledge and about 180 feet north of river road; top of roundheaded brass bolt cemented into slab of limestone embedded in sand and gravel (U. S. Corps of Engineers 20).....	245. 527
Oak Point, 2½ miles northeast from, 1,000 meters northeast from crossroad known as the Blackstone road, about 0.8 mile east of town line between Morristown and Hammond, on north side of river road at turn opposite center of crossroad running southeast; top of roundheaded brass bolt cemented into top of boulder 5 by 3 feet (U. S. Corps of Engineers 21)...	343. 033
Oak Point, 0.2 mile south of, 3 feet from south fence line of river road, 71 feet from southeast fence corner at intersection with road north to Oak-point, on crest of hill; top of roundheaded brass bolt cemented into sandstone bedrock, 6 inches below surface of ground (U. S. Corps of Engineers 22).....	339. 232
Oak Point, 0.2 mile south of, on west side of road, 73 feet northwest of intersection of river road and Old Point road, on crest of hill, 7 feet south of large boulder marked "U. S. P. B. M. O. P.," with an arrow pointing to bench; top of roundheaded brass bolt cemented into sandstone bedrock, 18 inches below surface of ground (U. S. Corps of Engineers b. m.).....	338. 427

ALEXANDRIA BAY QUADRANGLE.

Oak Point to Fishers Landing.

Oak Point, 3.2 miles from, in valley of Chippewa Creek, 375 meters from iron bridge over Chippewa Creek, about 50 meters south of creek, north-east of stone residence of Alexander and Robert More by the Chippewa road, 25 meters south from blazed 30-inch white oak, and 2 meters west from a bare surface in rock into which is cut "U. S. P. B. M. 23," with an arrow pointing to mark; top of roundheaded brass bolt cemented into sandstone bedrock (U. S. Corps of Engineers b. m.).....	260. 031
Chippewa village, about 2.2 miles east of, on stone dwelling house of Alexander and Robert More, in Chippewa Creek valley, on river road, 22 inches above ground; horizontal line cut in center of a smoothed square surface on south face (U. S. Corps of Engineers 23 A).....	259. 392
Chippewa village, on north face of northeast corner of schoolhouse of district No. 11, 18 inches west from northeast corner, 38 inches above bedrock; center punch mark in brass bolt cemented into a corner stone (U. S. Corps of Engineers C. V.).....	290. 698

Chippewa village, 4.8 feet north of northwest corner of a barn on property of Mrs. Alexander Wilson, 130 feet west from house, 400 meters southwest from "C. V.," top of roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 24).....	Feet. 290. 332
Chippewa village, about 3.5 miles above, about 0.8 mile northeast from county line between Jefferson and St. Lawrence counties, near the Callaboga road, on property of George Schermerhorn, at southwest end of a stone fence forming the road fence for property of William Catlin, 11.8 feet northwest of fence (U. S. Corps of Engineers 25).....	367. 141
Alexandria Bay, about 5.2 miles northeast from, on property of George Springer, 111 feet south of center line of river road, 836 feet northeast from intersection of river road and northwest-southeast road to Redwood, 0.8 mile southwest from Springers Mill on Crooked Creek, 238 feet southeast from a white frame house on north side of river road, 141.7 feet south from barn of said house; top of roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 26).....	333. 740
Alexandria Bay, about 1.2 miles east from, on property of C. M. Tamblin, 50.5 feet south of south fence line of river road, about 300 feet east from barn of C. M. Tamblin, 193.5 feet southeast from small frame house; top of roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 27).....	273. 534
Alexandria Bay, on west side and 8 inches from southwest corner of stone building, general store of Cornwall Bros.; center punch mark in end of a brass bolt cemented into water table or coping stone (U. S. Corps of Engineers A, Alexandria Bay).....	259. 164
Alexandria Bay, on front of Reformed Church, 7 feet northwest of east corner of church; center punch mark in a brass bolt cemented into stone (U. S. Corps of Engineers, B).....	284. 243
Alexandria Bay, about 2 miles southwest of, 0.2 mile east of George Clyde's residence, 10 feet southeast of a fence running S. 66° E. from east corner of a large barn on southeast side of road, 161.5 feet from east corner of barn, 450 feet from a crossroad leading to river, 225 feet southeast of southeast fence line of Clayton-Alexandria Bay road; top of roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 28).....	288. 920

GRINDSTONE QUADRANGLE.

Fishers Landing to Clayton.

Fishers Landing, 36 feet northeast of north fence corner and 72.6 feet from south corner of Mrs. Toms's residence, 131 feet northwest of west corner of a house on opposite side of road, 2.3 feet southeast of fence; top of roundheaded $\frac{1}{4}$ -inch brass bolt cemented into bedrock 6 inches below the surface of ground (U. S. Corps of Engineers 29).....	274. 350
Clayton, 3 miles northeast of, 144 feet west of a culvert over a dried-up creek, 16 feet from the fence line, on north side of road opposite the property of Fetterly, 43 feet east of southeast corner of Fox property, 277 feet west of northwest corner of frame house south of the road, about 0.2 mile west of schoolhouse located on top of ridge east of valley; top of roundheaded brass bolt cemented into bedrock, marked "U. S. P. B. M." (U. S. Corps of Engineers 30).....	264. 216

CLAYTON QUADRANGLE.

Clayton to Dodges Bay.

	Feet.
Clayton, 6 inches from southwest corner and on south side of Catholic Church, on east side of James Street, 200 feet southwest of intersection of Mary Street; center punch mark in end of a brass bolt cemented into cornerstone of water table (U. S. Corps of Engineers A, Clayton).....	278. 815
Clayton, on front of stone residence of E. C. Porter, 8 inches from northwest corner, on east side of John Street, between Jane and Hugunin streets; center punch mark in end of a brass bolt cemented into corner stone of water table (U. S. Corps of Engineers B, Clayton).....	264. 376
Clayton, on west side of stone residence of Hall B. Dewey, at southwest corner of Hugunin and Merrick streets, one block south of St. Lawrence River, 3.5 feet from northwest corner of building, 2.3 feet above surface of ground, marked "U. S. C.;" center punch mark in end of a brass bolt cemented in stone of masonry wall (U. S. Corps of Engineers C, Clayton).....	260. 628
Clayton, about 3 miles southwest of, 52 feet south of an angle in road, on timber line at southwest end of a clearing, about 500 feet southeast of a log cabin, 3.5 feet north of a spike driven in a blaze on a 14-inch oak tree; top of roundheaded brass bolt cemented in large sandstone boulder (U. S. Corps of Engineers 31).....	364. 673
Clayton, about 6 miles southwest of, 3 feet west of vertical ledge of rock along creek, 46.3 meters S. 25° E. from center of an arch bridge over creek, 10.3 meters S. 20° W. of 14-inch elm east of creek; top of roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 32).....	272. 870
Dodges Bay, about 800 feet east of west end of, on north side of road, 22 feet from ledge of rock at shore, 30.4 feet west of a 10-inch ash tree, 64.3 feet north from a nail driven in a blaze facing mark on a maple tree on fence line south of road, 66.3 feet north of intersection of fence along south side of road with a division line fence to south; top of a roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 33).....	259. 799

CAPE VINCENT QUADRANGLE.

Cape Vincent to Tibbetts Point.

Cape Vincent, 3.5 miles below, in pasture north of road; 520 feet north from large boulder on north fence line, 215 feet west of 10-foot plank bridge over a dried-up creek; 344 feet west of a crossroad leading south to a frame house, at foot of a hill in Hesler Woods, 37 feet east from spike on blaze of a 12-inch elm tree; top of roundheaded brass bolt cemented into bedrock (U. S. Corps of Engineers 34).....	260. 293
Cape Vincent, at southwest corner of the United States fish hatchery, on east side of building, 0.38 meter from corner, 1 meter above surface of ground; center punch mark in end of a brass rod cemented in corner stone (U. S. Corps of Engineers A, Cape Vincent).....	254. 146
Cape Vincent, 12 inches south of northwest corner of the Jerome House, at northeast corner of a street intersection two blocks south of the Cleveland Seed Co.'s dock and warehouse; 1-inch square smooth level surface cut on top of water table, marked "U. S. B." (U. S. Corps of Engineers B, Cape Vincent).....	259. 472
Cape Vincent, 39 inches west of northeast corner of tower of Catholic Church; center punch mark in end of a brass rod cemented in corner stone (U. S. Corps of Engineers C, Cape Vincent).....	272. 165
Tibbetts Point, on north side of lighthouse tower, on shore of Lake Ontario, 6 inches above surface of ground; center punch mark in end of brass rod cemented in foundation stone (U. S. Corps of Engineers 35).....	263. 854

SCHENECTADY QUADRANGLE.

Crescent to point 3 miles west of Schenectady.¹

	Feet.
Vischer Ferry, 5 miles east of, in center of face of towpath abutment of bridge 37; cross in circle in ledge of rock in sixth course below coping, marked "B. M." (N. Y. 39, 1901; L. S. 15)	193. 033
Vischer Ferry, 3.3 miles east of, in face of towpath abutment, near west angle of bridge 39; cross in circle in ledge of rock in sixth course below coping (N. Y. 42, 1901; L. S. 16)	192, 300
Vischer Ferry, 2.2 miles east of, near center of face of towpath abutment of bridge 43; cross in circle in ledge of rock in sixth course below coping (N. Y. 45, 1901; L. S. 17)	190. 750
Vischer Ferry, 1 mile east of, at east angle of south abutment of bridge 46; cross in circle in fifth course of masonry below coping (L. S. 18)	190. 870
Vischer Ferry, east wing wall of towpath abutment of bridge 48; square cut on third course of masonry (N. Y. 49; L. S. 19)	203. 274
Fondas Basin, towpath abutment of bridge 49; chiseled cross in circle on top of coping at east end of east wing wall (L. S. 20)	212. 264
Rexford Flats; square cut on northeast corner of coping of lock 21, about 10 feet from end of anchor of southeast gate of south lock (N. Y. 52, 1901; L. S. 21)	221. 521
Rexford Flats, northeast gate of north lock 22; square cut on coping between ends of anchor (N. Y. 53, 1901; L. S. 22)	231. 431
Rexford, 1.8 miles west of, in face of towpath abutment of bridge 52, near west angle; cross in circle in ledge of rock on lower course (N. Y. 59, 1901; L. S. 23)	231. 324
Schenectady, 1.8 miles east of, at west end of towpath abutment of Delaware & Hudson Co. bridge; square on second step, marked "B. M." (N. Y. 61, 1901; L. S. 24)	234. 900
Schenectady, at west end of towpath abutment of swing bridge at Schenectady Locomotive Works; square cut on southwest corner of coping (N. Y. 64, 1901; L. S. 25)	235. 129
Schenectady, west wing wall of towpath abutment of Green Street Bridge over canal; square cut on first step (N. Y. 66, 1901; L. S. 26)	232. 935
Schenectady, northeast column of Church Street lift bridge; square cut on southeast corner of foundation stone (L. S. 27)	232. 937
Schenectady, 1.8 miles west of, on northwest corner of east abutment of bridge 63; square cut on top of north stone in third course of stones (D. W. b. m., 125, 1898; L. S. 28)	235. 043
Schenectady, 2.6 miles west of, on northeast gate of north lock of lock 23; cross in circle, marked "B. M." (N. Y. 72, 1901, L. S. 29)	239. 596
Schenectady, 3.3 miles west of; square cut on east corner of northeast end of shelf at lower end of lock 24, marked "B. M." (D. W. 1898, L. S. 30) ..	242. 648

Dunsbach Ferry to Schenectady.²

Dunsbach Ferry, about 200 feet south of south end of bridge over Mohawk River, on south side of house; southeast corner of bottom stone of door-step	186. 148
Niskayuna, southwest corner of station of Troy and Schenectady branch of New York Central & Hudson River R. R.; cross cut on corner of top stone of foundation	196. 219

¹ Information furnished by U. S. Lake Survey.² Information furnished by Board on Deep Waterways.

Vischer Ferry, about 1 mile west of, on Troy and Schenectady branch of New York Central & Hudson River R. R.; north corner of north stone of north-east end of culvert 37	Feet. 199. 576
Aqueduct station, about 6,000 feet east of, on the Troy and Schenectady branch of the New York Central & Hudson River R. R.; cross cut in southeast corner of capstone of culvert 40.....	271. 930
Aqueduct station, at ladies' entrance to station of the Troy and Schenectady branch of the New York Central & Hudson River R. R.; square cut in extreme west corner of step (N. Y. 57).....	270. 505
Aqueduct station, near, about 3,000 feet west of railroad station; bridge 44 of the Troy and Schenectady branch of the New York Central & Hudson River R. R., extreme southeast corner of top of keystone.....	264. 142
Schenectady, opposite the Schenectady Locomotive Works, about 400 feet east of Romeyn Street crossing; square cut on southwest end of the top of southwest coping stone of culvert 47 (N. Y. 65)	240. 345
Schenectady, northwest column of Church Street lift bridge over the Erie Canal; cross cut on southeast corner of foundation stone (N. Y. 67).....	232. 954

Crescent to Schenectady.¹

Crescent, near, near center towpath abutment of bridge 38, sixth course, below coping; chiseled cross in circle on projection (Canal 64, N. Y. 41).	191. 213
Vischer Ferry, near, towpath abutment of bridge 41, sixth course, below coping, near east angle; cross in circle on face (Canal 68, N. Y. 43).....	192. 211
Vischer Ferry, near, on face of towpath abutment of bridge 42, near west angle; cross in circle on fifth course, below coping (Canal 69, N. Y. 44).	192. 238
Vischer Ferry, near, on bridge 47, first bridge east of lock 19, on towpath abutment, east corner, east wing; cross in circle on top of first stone under coping (Canal 73, N. Y. 47).....	193. 017
Vischer Ferry, northeast gate of south lock of lock 19; cross in circle on coping near end of anchor, marked "B. M." (Canal 75, N. Y. 48).....	198. 503
Vischer Ferry, near, southeast gate of north lock of lock 20; point cut in square between ends of anchor (N. Y. 50).....	208. 413
Fondas Basin, east end wing of berme abutment of bridge 49; cross in circle on top of coping (Canal 80, N. Y. 51)	212. 692
Rexford Flats, at north end of Upper Mohawk aqueduct, on end of towpath wing; cross in circle on northeast corner of coping, marked "B. M." (Canal 86, N. Y. 54).....	232. 336
Rexford Flats, towpath wing, south end of Upper Mohawk aqueduct, near end of parapet; cross in circle on top dowel in coping of parapet (Canal 87, N. Y. 55).....	236. 016
Rexford Flats, near, north wing, berme abutment of bridge 51; cross in circle on top of coping, marked "B. M." (Canal 88, N. Y. 56).....	235. 830
Schenectady, near, on face of towpath abutment of bridge 53, near center; cross in circle on projection of sixth course under coping, marked "B. M." (Canal 90, N. Y. 60).....	233. 191
Schenectady, west wing wall of berme abutment of bridge 54; cross in circle on top of coping, marked "B. M." (Canal 92, N. Y. 62).....	233. 029
Schenectady, on end of east wing of towpath abutment of bridge 55; cross in circle on top of coping, marked "B. M." (Canal 93, N. Y. 63).....	234. 536
Schenectady, Jefferson Street, east of towpath abutment of bridge 57; cross in circle on southwest corner of coping of retaining wall, marked "B. M." (Canal 95, N. Y. 66a).....	236. 460

¹ Rept. State Engineer and Surveyor for 1901.

Schenectady, Liberty Street, west end of bridge approach, towpath abutment of bridge 59; chiseled square on coping of retaining wall (N. Y. 66b).	Feet. 235. 072
Schenectady, opposite Westinghouse Works, west end of parapet, southwest corner of wastewear; cross in circle on top of coping, marked "B. M." (Canal 97, N. Y. 68).....	234. 274
Schenectady, towpath at west end of General Electric Works; square cut on northeast corner of coping on culvert 28 (N. Y. 69).....	223. 237
Schenectady, near, Navoniers Bay, near center, on face of towpath abutment of bridge 63; cross in circle on projection of sixth course, marked "B. M." (Canal 98, N. Y. 70).....	231. 962
Schenectady, near, on face of towpath abutment of bridge 64, near west angle; cross in circle on projection of sixth course below coping, marked "B. M." (Canal 101, N. Y. 73).....	240. 257
Schenectady, near, northeast gate of north lock of lock 24; cross in circle on coping between ends of anchor, marked "B. M." (Canal 103, N. Y. 74).....	248. 027
Schenectady, near, on face near center of towpath abutment of bridge 65; cross in circle on projection of sixth course, marked "B. M." (Canal 104; N. Y. 75).....	250. 601

AMSTERDAM QUADRANGLE.

Pattersonville to Amsterdam.¹

Schenectady, 5.6 miles west of, east wing wall of north abutment of bridge 67; square cut on lower step (L. S. 31).....	253. 629
Pattersonville, east of, southeast wing wall of east abutment of canal bridge next below lock 25; top of projection stone in third course of stones, marked "B. M." (L. S. 32).....	250. 949
Pattersonville, 1.8 miles east of, at end of west wing wall of towpath abutment of bridge 71; cross in circle on top of coping, marked "B. M." (L. S. 33; N. Y. 83, 1901).....	258. 275
Pattersonville, east wing wall of north abutment of bridge 74; square cut on bottom step (L. S. 34).....	259. 122
Pattersonville, 2.7 miles west of, north abutment of bridge 75, 7.5 inches from west edge of stone and 6 inches from south edge; square cut on step of east wing wall (L. S. 35).....	259. 261
Amsterdam, 3.5 miles east of, east wing wall of towpath abutment of bridge 76; circle in cross on first stone ledge under coping (N. Y. 88; L. S. 36).....	258. 492
Amsterdam, 2.8 miles east of, cross in circle on east corner of south wall of north lock 26 (L. S. 21, 1875; L. S. 37).....	263. 662
Amsterdam, 2.8 miles east of, on northeast gate of north lock of lock 26; cross in circle on top of coping, marked "B. M." (N. Y. 90, 1901; L. S. 38).....	263. 736
Amsterdam, 2.5 miles east of, northeast gate of north lock of lock 27; square cut on coping between ends of anchor (N. Y. 91, 1901; L. S. 39).....	271. 680
Amsterdam, west end of towpath abutment of bridge 78; cross in circle on top of lower step, marked "B. M." (N. Y. 93, 1901; L. S. 40).....	279. 424
Amsterdam, west wing wall of towpath abutment of Market Street Bridge, near center of south edge of step; square cut on bottom of step (L. S. 41).....	276. 542
Amsterdam, at center pier of Chuctanunda Creek culvert, towpath side; cross in circle on top of coping, marked "B. M." (N. Y. 94, 1901; L. S. 42).....	263. 649
Amsterdam, 2.8 miles west of, on east wall of space between the two locks; head of iron bolt marked with cross on top of coping (L. S. 24a, 1875; L. S. 43).....	279. 927

¹ Information furnished by U. S. Lake Survey.

Schenectady to Amsterdam.¹

Rotterdam, about 2 miles east of, at east corner of Van Slyck homestead, at bridge 66, 700 feet east of Erie Canal aqueduct over Flatstone Creek; square cut on north corner of bottom stone step (N. Y. 76a).....	Feet. 250. 738
Rotterdam Junction, about 700 feet east of lock 25 of Erie Canal, about 150 feet south of schoolhouse; on north corner of brick house; arrow cut on north corner of projecting course of brick.....	251. 889
Between Rotterdam Junction and Pattersonville, west of center and on north edge of coping on north end of culvert under highway, about 1,600 feet east of railroad bridge over Mohawk River; square cut in coping stone.....	274. 180
Pattersonville, about 300 feet east of West Shore R. R. station, under foot of flight of steps on southwest corner of coal shed, opposite Pattersonville Hotel; square cut on northeast corner of large square stone	271. 591
Amsterdam, near, west abutment of West Shore R. R. bridge 238, about 9,000 feet east of bridge over the Mohawk River; square cut on northeast corner.....	280. 600
Amsterdam, northwest abutment of West Shore R. R. bridge 242, crossing Chuctanunda Creek; square cut in top of north corner.....	279. 032

Rotterdam to Amsterdam.²

Rotterdam Junction, near, on face near east angle of towpath abutment of bridge 66; cross in circle on projection of sixth course below coping, marked "B. M." (Canal 105; N. Y. 76).....	249. 169
Rotterdam Junction, near, northeast corner, towpath side of Flat Stone Creek aqueduct; square cut on east end of parapet (N. Y. 77).....	252. 007
Rotterdam Junction, near, on face of towpath abutment of bridge 67; cross in circle on projection of sixth course below coping, marked "B. M." (Canal 107; N. Y. 78).....	250. 574
Rotterdam Junction, near, on face, near west angle of towpath abutment of bridge 68; cross in circle on projection of seventh course below coping, marked "B. M." (Canal 108; N. Y. 79).....	249. 412
Rotterdam Junction, near, near center of face of towpath abutment; cross in circle on projection of seventh course below coping, marked "B. M." (Canal 109; N. Y. 80).....	248. 140
Pattersonville, near, northeast gate of north lock of lock 25; cross in circle on coping between ends of anchor; marked "B. M." (Canal 111; N. Y. 82).....	255. 876
Pattersonville, near, on face of towpath abutment near west angle of bridge 72; cross in circle on projection of fourth course below coping, marked "B. M." (Canal 113; N. Y. 84).....	259. 153
Pattersonville, about 0.8 mile east of, in seventh course of pier of railroad bridge over Erie Canal and Mohawk River; cross in circle on projection of fourth stone from southeast angle, marked "B. M." (N. Y. 85a).....	257. 461
Pattersonville, near, west wing, berme abutment of bridge 73; on coping (Canal 114; N. Y. 86).....	258. 501
Pattersonville, near, at east angle (junction of wing with straight wall), of Sansai Kill aqueduct; cross in circle on coping of parapet, marked "B. M." (Canal 115; N. Y. 86).....	259. 391
Pattersonville, near, on back angle of towpath at west end of second tangent east of bridge 76; cross in circle on flat sandstone, marked "B. M." (Canal 118; N. Y. 87).....	254. 863
Amsterdam, near, 0.5 mile east of Amsterdam River bridge; northwest corner of wastewear; square cut on top of east wall (N. Y. 92).....	272. 022

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.

FONDA QUADRANGLE.

Fort Hunter to Sprakers.¹

Fort Hunter, 1 mile east of, west wing wall of towpath abutment of bridge 80, first bridge east of lock 29; square cut on coping (D. W. b. m., 1898; L. S. 44).....	Feet. 282. 455
Fort Hunter, south lock of lock 30; square cut on first stone east of junction of old wall and extension of north wall (N. Y. 100a, 1901; L. S. 45).....	297. 899
Fultonville, 2 miles east of, near east angle of bridge 88, in face of abutment; cross in circle on fourth course of stones below coping (N. Y. 109, 1901; L. S. 46).....	300. 297
Fultonville, 1.4 miles east of, about 3 feet from corner of first course in west wing wall of north abutment of bridge 90, third bridge east (about 7,000 feet east) of Main Street Bridge; point cut on face of most westerly stone (D. W., 1898; L. S. 47).....	298. 474
Fultonville, east wing wall of berme abutment of Main Street Bridge, 93; cross in circle cut on second step, marked "B. M." (N. Y. 114, 1901; L. S. 48).....	302. 048
Fultonville, 1.6 miles west of, in face of abutment, near east angle of bridge 96, in fourth course of stones below coping; cross in circle in a ledge of rock (N. Y. State b. m. 117, 1901; L. S. 49).....	299. 934
Fultonville, 3 miles west of, face of second stone from west corner of west wing wall of north abutment of bridge 97; square cut on a projecting point on the upper west corner, marked "B. M." (D. W., 1898; L. S. 50).....	299. 386
Fultonville, 3.2 miles west of, at end of east wing wall of Tokkon Creek aqueduct, towpath side; cross in circle on coping, marked "B. M." (N. Y. 120, 1901; L. S. 51).....	297. 067
Downing, about 2 miles west of, northeast corner of northwest wing wall of north wall of second Erie Canal aqueduct west of Downing; square cut on coping (D. W. 1898; L. S. 52).....	297. 241
Sprakers, 2.2 miles east of, in first course of east wing wall of north abutment of first bridge, No. 102, over the Erie Canal, east of lock 31; cross in circle on face of second stone from east end, marked "B. M." (D. W. 1898; L. S. 53).....	298. 899

Fort Hunter to Sprakers.²

Fort Hunter, on Erie Canal aqueduct over Schoharie Creek, west wing, towpath side; square cut at foot of parapet, marked "B. M." (Canal 140; N. Y. 101).....	298. 957
Auriesville, about 2,000 feet west of West Shore R. R. station; north abutment of bridge 85 over Erie Canal; square cut on west end of west wing wall (N. Y. 106).....	302. 785
Fultonville, second course in west end of towpath abutment of first bridge over the Erie Canal west of Main Street Bridge; point cut on top of the projection of fourth stone (N. Y. 115).....	299. 952
Downing, first bridge over the Erie Canal east of, at angle of east wing wall with face of north abutment; square cut on projection of fourth stone below coping on face of towpath abutment, marked "B. M." (Canal 154; N. Y. 121).....	299. 779
Downing, about 3,300 feet west of station of West Shore R. R., on towpath side of Erie Canal aqueduct over Leonardsons Creek, southeast corner of west wing; square cut on top of coping, marked "B. M." (N. Y. 124)...	297. 269

¹ Information furnished by U. S. Lake Survey.² Information furnished by Board on Deep Waterways.

Fort Hunter to Sprakers.¹

Fort Hunter, near, on face in center of towpath abutment of bridge 80; cross in circle on projection of sixth course below coping (Canal 134; N. Y. 96).....	Feet. 282. 446
Fort Hunter, near, northeast gate of north lock of lock 29; cross in circle on coping between ends of anchor, marked "B. M." (Canal 139; N. Y. 98) ..	287. 253
Fort Hunter, near, on face of towpath abutment near east angle of bridge 81; cross in circle on projection of fourth course below coping, marked "B. M." (Canal 137; N. Y. 99).....	290. 459
Fort Hunter, northeast gate of north lock on coping of lock 30; cross in circle on coping between ends of anchor, marked "B. M." (N. Y. 100).....	297. 904
Fort Hunter, near, northeast corner of towpath abutment of bridge 83; cross in circle cut on face of corner stone, fifth course, marked "B. M." (N. Y. 102).....	302. 279
Auriesville, near, cross in circle on top of lower step west wing of berme abutment of bridge 84 (Canal 142).....	302. 131
Auriesville, on face of towpath abutment, near east angle, of bridge 85, cross in circle on projection of fifth course below coping, marked "B. M." (Canal 143; N. Y. 105).....	300. 548
Auriesville, near, on face of towpath abutment, near west corner of bridge 86; cross in circle on projection of sixth course below coping, marked "B. M." (Canal 144; N. Y. 107).....	300. 097
Fultonville, near, on face of towpath abutment, near west angle, of bridge 89; cross in circle on projection of fourth course below coping, marked "B. M." (Canal 146; N. Y. 110).....	300. 905
Fultonville, near, west wing of berme abutment of bridge 90; cross in circle on top of lower step, marked "B. M." (Canal 147; N. Y. 111).....	301. 877
Fultonville, near, east berme abutment of bridge 91; cross in circle on top of lower step, marked "B. M." (Canal 148; N. Y. 113).....	300. 603
Fultonville, at end of east wing of towpath abutment of bridge 95; cross in circle on top of coping, marked "B. M." (Canal 150; N. Y. 116).....	301. 509
Fultonville, near, end of west wing of towpath abutment of bridge 97; cross in circle on face of top stone, marked "B. M." (Canal 152; N. Y. 119)...	300. 911
Downing, near, at end of east wing of berme abutment of bridge 99; cross in circle on top of second stone below coping, marked "B. M." (Canal 155; N. Y. 122).....	299. 596
Downing, near, northeast corner of northeast wing of Leonardson's Creek aqueduct, towpath side; cross in circle on top of coping, marked "B. M." (Canal 156; N. Y. 123).....	297. 222
West Downing, near, east lock 31, on face of towpath abutment of private road bridge; cross in circle on projection of second course from bottom, near center, marked "B. M." (N. Y. 126).....	299. 597

CANAJOHARIE QUADRANGLE.

Sprakers to Indian Castle.²

Sprakers, northeast gate of south lock of lock 31; top of copper bolt leaded vertically, lettered "U. S. C. & G. S." (N. Y. 128, 1901; L. S. 54).....	303. 825
Sprakers, west wing wall of towpath abutment of Ferry Street Bridge, No. 104; top of iron bolt in coping (L. S. 55).....	305. 323
Canajoharie, northeast wing wall of Canajoharie Creek aqueduct, towpath side; cross in circle on coping of parapet, marked "B. M." (N. Y. 135, 1901; L. S. 56).....	308. 146

¹ Rept. State Engineer and Surveyor for 1901.² Information furnished by U. S. Lake Survey.

	Feet.
Canajoharie, south face of stone foundation of old barn near upper footbridge across canal, second course of stones from top; cross cut on corner stone at east corner (L. S. 57; L. S. 31, 1875).....	306. 461
Fort Plain, 2.4 miles east of, southeast wing wall of northeast abutment of first bridge, No. 113, east of steel skew bridge of West Shore R. R.; point dressed square on the top of east corner of second course of masonry (D. W., 1898; L. S. 58)	307. 402
Fort Plain, 0.8 mile east of, on northeast gate of north lock of lock 32; cross in circle on coping between ends of anchor, marked "B. M." (N. Y. 141, 1901; L. S. 59).....	312. 151
Fort Plain, at end of west wing wall of towpath abutment of bridge 117; cross in circle on top of coping, marked "B. M." (N. Y. 142, 1901; L. S. 60)	314. 236
Fort Plain, 0.7 mile west of, near center of face of towpath abutment of West Shore R. R. bridge 278, on second course above ground; cross in circle on ledge of rock, marked "B. M." (N. Y. 144, 1901; L. S. 61)	313. 729
St. Johnsville, 1.5 miles east of, southeast wing wall of northeast abutment of first bridge, No. 119, east of lock 33; square cut on south corner of capstone (D. W., 1898; L. S. 62)	313. 022
St. Johnsville, near, west of lock 33, on second course of masonry near center of east wing wall of towpath abutment of bridge 120; cross in circle on ledge of rock, marked "B. M." (L. S. 63; L. S. 34, 1875).....	319. 386
St. Johnsville, east wing wall of towpath abutment of bridge 121, square cut on top of second step, marked "B. M." (N. Y. 153, 1901; L. S. 64).....	320. 558
Mindenville, about 0.2 mile west of, at lock 34, between ends of anchor of northeast gate of north lock; square cut on coping marked "B. M." (N. Y. 155, 1901; L. S. 65).....	325. 653
Mindenville, about 1 mile west of, northwest wing of northeast abutment of first bridge above lock 33, Erie Canal; cross in circle on top of projecting point of stone in second course of stones (L. S. 66, 35a).....	328. 161

Sprakers to Indian Castle.¹

Sprakers, about 1 mile from, on third bridge, No. 106, over Erie Canal west of Erie Canal aqueduct, first stone from east end of east wing, towpath side; square cut on projection of bottom course (N. Y. 131).....	303. 546
Fort Plain, on first bridge over Erie Canal west of River Street Bridge, at end of southeast wing of northeast abutment; square cut on the extreme south corner of southeast capstone (N. Y. 142a).....	314. 017
Mindenville, on first bridge crossing the Erie Canal east of lock 34, east wing wall of north abutment; square cut on southeast corner of bottom step, marked "B. M." (N. Y. 154)	321. 873
Between Mindenville and Indian Castle, on bridge 127 crossing Erie Canal, opposite point where East Canada Creek enters Mohawk River, southeast wing wall of northeast abutment; square on east corner of end stone in third course, marked "B. M." (N. Y. 160).....	328. 762

Sprakers to Mindenville.²

Sprakers, near, on bridge 105, on face of towpath abutment, near west angle on projection; cross in circle on fifth course below coping, marked "B. M." (Canal 162; N. Y. 130)	306. 166
Sprakers, near, on bridge 106, on face of towpath abutment near center; sixth course below coping; cross in circle on ledge of rock, marked "B. M." (N. Y. 132)	304. 697

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.

Sprakers, near, on bridge 107, on face of towpath abutment, near west angle; seventh course below coping, cross in circle on projection marked "B. M." (Canal 164; N. Y. 133).....	Feet. 303. 720
Canajoharie, near, on bridge 108, on face of towpath abutment near center; cross in circle on projection of fourth course below coping, marked "B. M." (Canal 165; N. Y. 134).....	304. 637
Canajoharie, near, on bridge 111, at end of west wing of towpath abutment; cross in circle on coping, marked "B. M." (Canal 167; N. Y. 137).....	307. 392
Canajoharie, near, on bridge 112, west wing of berme abutment; cross in circle on rear upper corner of stone under coping, marked "B. M." (Canal 168; N. Y. 138).....	306. 197
Fort Plain, near, on bridge 113, on face near center of east wing of towpath abutment; cross in circle on projection of second stone above ground (Canal 169; N. Y. 139).....	305. 587
Fort Plain, near, on bridge 118, on face of towpath abutment; cross in circle on projection of sixth course below coping, marked "B. M." (Canal 174; N. Y. 143).....	312. 456
Fort Plain, near, near center of towpath; cross in circle on coping of culvert 63, marked "B. M." (Canal 175; N. Y. 145).....	307. 584
Fort Plain, near, west wing of culvert 65, towpath side; square on top of coping, marked "B. M." (N. Y. 146).....	310. 532
St. Johnsville, near, east of wing wall, towpath side, of culvert 67; cross in circle on corner of coping, marked "B. M." (Canal 176; N. Y. 147).....	309. 695
St. Johnsville, near, on bridge 119, on face of towpath abutment, near west angle; cross in circle on projection of sixth course below coping, marked "B. M." (Canal 177; N. Y. 149).....	313. 299
St. Johnsville, near, northeast gate of north lock of lock 33; cross in circle on coping between ends of anchor, marked "B. M." (Canal 179; N. Y. 150).....	317. 628
St. Johnsville, near, on bridge 120, west wing wall of towpath abutment; chisel mark on face of second course of masonry, marked "B. M." (N. Y. 152; L. S. 34a, 1875).....	319. 367
St. Johnsville, east wing of towpath abutment of bridge 121; square on top of second step, marked "B. M." (N. Y. 153).....	320. 715
Mindenville, near, on bridge 124, on face of towpath abutment near west angle; cross in circle on projection of seventh course below coping, marked "B. M." (Canal 185; N. Y. 156).....	325. 745
Mindenville, near, on bridge 125, east wing of towpath abutment; cross in circle on projection of second course, marked "B. M." (N. Y. 157).....	327. 594

LITTLE FALLS QUADRANGLE.

Indian Castle to Herkimer.¹

Indian Castle, east wing wall of aqueduct 12, towpath side; square on capstone, marked "B. M." (D. W., 1898; L. S. 67).....	334. 925
Indian Castle, 2.6 miles west of, on east side of east wing wall of north abutment of bridge 133 crossing canal at point about 600 feet north of Herkimer Monument; square cut on southeast corner of capstone, marked "B. M." (D. W., 1898; L. S. 68).....	336. 821
Little Falls, northeast gate of north lock 36; cross in circle on top of iron bolt between ends of anchor (L. S. 69, L. S. 37, 1875).....	343. 487
Little Falls, northeast gate of north lock of lock 37; cross in circle on coping between ends of anchor (N. Y. 170, 1901; L. S. 70).....	353. 527
Little Falls, northeast gate of north lock of lock 38; square cut on coping between ends of anchor (N. Y. 171, 1901; L. S. 71).....	363. 160

¹ Information furnished by U. S. Lake Survey.

Little Falls, northeast gate of north lock of lock 39; cross in circle on coping at ends of anchor (N. Y. 172, 1901; L. S. 72).....	Feet. 373. 208
Little Falls, 2.5 miles west of, on first bridge, No. 138, east of lock 40, west wing wall of north abutment; chisel mark on top of coping (L. S. 73; L. S. 38a, 1875).....	378. 267
Little Falls, 3 miles west of, northeast gate of north lock of lock 40; cross cut on top of end bolt through the north branch of iron collar (D. W., 1898; L. S. 74).....	381. 081
Little Falls, 5.7 miles west of, northeast gate of north lock of lock 41; cross in circle on top of coping between ends of anchor (N. Y. 183, 1901; L. S. 75).....	389. 170
Herkimer, 1 mile east of, west wing wall of towpath abutment of bridge 143; square cut on coping (L. S. 76; L. S. 39a, 1875).....	393. 325
Herkimer, east wing wall of towpath abutment of bridge 144, Herkimer road bridge; circle on northeast corner of lower step (N. Y. 186, 1901; L. S. 77).....	394. 492

Little Falls to Herkimer.¹

Little Falls, on Bellinger Street Bridge, southwest wing of northwest abutment; chiseled square on south corner of capstone on southwest end (N. Y. 173).....	377. 505
Little Falls, near, on second bridge, No. 137, crossing Erie Canal west of Bellinger Street Bridge, east wing of north or towpath abutment; chiseled cross in circle on southeast corner of capstone on east end (Canal 204; N. Y. 175).....	377. 809
Herkimer, near, east end of east wing wall of north or towpath abutment of second bridge east of lock 41; chiseled square on southeast corner of capstone (N. Y. 182).....	384. 742
Herkimer, on north abutment of First Street Bridge; cross cut in circle on top of masonry near northeast corner, marked "U. S. D. W. B. M." (N. Y. 187).....	388. 577

Mindenville to Herkimer.²

Mindenville, near, on bridge 126, near center of towpath abutment; cross in circle on projection of seventh course below coping, marked "B. M." (Canal 186; N. Y. 159).....	327. 812
Indian Castle, near, on bridge 128, on face of towpath abutment near west angle; cross in circle on projection of seventh course below coping, marked "B. M." (Canal 187; N. Y. 161).....	326. 827
Indian Castle, near, on bridge 129, on face of towpath abutment near center; cross in circle on projection of seventh course below coping, marked "B. M." (Canal 188; N. Y. 162).....	326. 594
Indian Castle, near, northeast gate of north lock of lock 35; cross in circle on coping between ends of anchor, marked "B. M." (Canal 190; N. Y. 163)	333. 808
Indian Castle, near, on bridge 131; circle at center of west wing on face of towpath abutment, third course from ground (N. Y. 165).....	336. 017
Indian Castle, near, on bridge 131, on face of towpath abutment; circle on projection of third course from ground (near center) (N. Y. 166).....	336. 087
Indian Castle, near, on bridge 132, east wing of berme abutment of farm bridge; chiseled cross in circle on top of coping (Canal 192; N. Y. 167)....	338. 555
Little Falls, near, east wing of towpath abutment of third bridge west of lock 38; chiseled square on top of lower step (N. Y. 174).....	377. 207

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.

Little Falls, near, on bridge 138, west wing of berme abutment of farm bridge; chiseled cross in circle on top of coping (Canal 205; N. Y. 176)...	Feet. 378. 377
Little Falls, near, northeast gate of north lock of lock 40; chiseled cross in circle on coping at ends of anchor (Canal 207; N. Y. 178).....	380. 975
Herkimer, near, on bridge 138, east wing of towpath abutment, second bridge west of lock 40; chiseled square on top of lower step (N. Y. 180) .	385. 284
Herkimer, near, on bridge 140, west wing of towpath abutment of farm bridge; chiseled cross on top of coping (Canal 209; N. Y. 181).....	385. 003
Herkimer, near, on bridge 143, east wing of towpath abutment of farm bridge; chisel mark on coping (N. Y. 184).....	393. 320

UTICA QUADRANGLE.

Mohawk to Utica.¹

Mohawk, in second course of towpath abutment of West Shore R. R. bridge over the canal; cross in circle on projection of fourteenth stone from west end (N. Y. 189, 1900; L. S. 78).....	393. 129
Mohawk, 0.5 mile west of, northeast gate of towpath lock of lock 42; square cut on coping between ends of anchor (N. Y. 191, 1900; L. S. 79).....	398. 412
Mohawk, 0.8 mile west of; cross in circle on northeast corner of towpath parapet wall of Fulmer Creek aqueduct (N. Y. 193, 1900; L. S. 80).....	407. 998
Ilion, towpath abutment of Typewriters Bridge; circle in a square cut on southwest corner of west wing wall (N. Y. 195, 1900, L. S. 81).....	409. 288
Ilion, cross in circle on west corner of coping of Steel Creek aqueduct, towpath side (N. Y. 197, 1900; L. S. 82).....	408. 547
Ilion, 1.1 miles west of, northeast gate, towpath lock of lock 44; square cut on coping between ends of anchor (N. Y. 200, 1900; L. S. 83).....	417. 453
Frankfort, towpath lock of lock 45, towpath side, 2 feet east of east hollow quoin; cross in circle on coping (N. Y. 204, 1900; L. S. 84).....	427. 326
Frankfort, southeast corner of northeast abutment of bridge next below lock 45; circle on top of projection of stone in bottom course of stones (L. S. 41, 1875; L. S. 85).....	418. 713
Frankfort, 2.6 miles west of, west wing wall of north abutment of bridge 164; square cut on southwest corner of lower step (L. S. 86).....	432. 339
Utica, 3.2 miles east of, on extreme east end of parapet wall of Ferguson Creek Aqueduct; cross in circle on southeast corner of coping stone (N. Y. 215, 1900; L. S. 87).....	427. 678
Utica, 2.1 miles east of, east wing wall of towpath abutment of Green's road bridge at Herkimer-Oneida County line; top of copper bolt in southeast corner of lower step (N. Y. 217, 1900; L. S. 88).....	431. 332
Utica, west end of towpath abutment of Broad Street lift bridge; top of copper bolt in southwest corner (N. Y. 210, 1900; L. S. 89).....	431. 537
Utica, western stairway of Broadway Street footbridge; top of copper bolt in southwest corner of stone forming foundation (N. Y. 221, 1900; L. S. 90) .	427. 712
Utica, west end of towpath abutment of Whitesboro Street lift bridge; top of copper bolt in southwest corner (N. Y. 222, 1900; L. S. 91).....	431. 637
Utica, towpath lock of lock 46; copper bolt between ends of anchor of northeast gate (N. Y. 223, 1900; L. S. 92).....	430. 410
Utica, 1.9 miles west of, east wing wall of towpath abutment of Whitesboro road bridge at west boundary of city of Utica; top of copper bolt in lower step (N. Y. 225, 1900; L. S. 93).....	435. 710

¹ Information furnished by U. S. Lake Survey.

Ilion to Utica.¹

Ilion, northwest corner of culvert at southwest wing wall of south highway bridge over Mohawk River; top of covering stone of masonry.....	Feet. 386. 579
Frankfort, at West Shore R. R. roundhouse; top of northwest corner of water table.....	401. 786
Between Utica and Frankfort, about 500 feet southeast of milepost 209 from Buffalo, on New York Central & Hudson River R. R.; copper nail in root of wild-cherry tree.....	408. 459
Between Utica and Frankfort, 200 feet east of culvert 496, about 50 feet north of north rail of the New York Central & Hudson River R. R.; copper nail in root of tree.....	396. 938
Utica, near, about 830 feet northeast of north end of railroad bridge over Mohawk River, about 50 feet north of north bank of Mohawk River, on Black River branch of New York Central & Hudson River R. R.; copper nail in root of elm tree.....	405. 083

Mohawk to Utica.²

Mohawk, near, third stone from west end, lower course, towpath abutment of street railroad bridge between Herkimer and Mohawk; cut in small shelf (N. Y. 188).....	392. 311
Mohawk, Mohawk canal bridge, west wing of berme abutment; cross cut in circle on northwest corner of lower step (N. Y. 190).....	392. 885
Mohawk, northeast gate of lock 43; square cut on coping between ends of anchor (N. Y. 192).....	406. 414
Mohawk, west wing of towpath abutment of Meyer's farm bridge; circle cut in square on southwest corner of lower step (N. Y. 194).....	410. 285
Ilion, northeast stair landing near post of Railroad Street lift bridge; circle cut in square on southeast corner of top foundation stone (N. Y. 196)....	408. 609
Ilion, west wing of towpath abutment of London Bridge; circle cut in square on southwest corner of lower step (N. Y. 198).....	410. 318
Ilion, near, east wing of towpath abutment of street railway bridge between Ilion and Frankfort; cross cut in circle on northeast corner of second step (N. Y. 199).....	409. 217
Ilion, near, west wing of towpath abutment of bridge, 650 feet west of lock 44, Erie Canal; circle cut in square on southwest corner of lower step (N. Y. 201).....	420. 336
Frankfort, near, west wing of towpath abutment of Reese's road bridge; circle cut in square on southwest corner of lower step (N. Y. 202).....	422. 486
Frankfort, about 0.8 mile west of, east wing of towpath abutment of Beehive Bridge; circle cut in square on southeast corner of lower step (N. Y. 205).....	430. 461
Frankfort, near, east wing of towpath abutment of bridge 161 next west of Beehive Bridge; cross cut in circle on southeast corner of second step (N. Y. 206).....	430. 815
Frankfort, towpath abutment of Center Bridge; circle cut in projection on the face of fifth stone from west end in second course (N. Y. 207).....	429. 446
Frankfort, near, west wing of towpath abutment of Bargy's farm bridge, 5 miles east of Herkimer-Oneida County line; circle cut on southwest corner of lower step (N. Y. 208).....	431. 165
Frankfort, near, west wing of towpath abutment of farm bridge 164, 4.4 miles east of Herkimer-Oneida County line; circle cut in southwest corner of lower step (N. Y. 209).....	430. 973

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.

Utica, near, near west angle of towpath abutment of farm bridge 165, 4 miles east of Herkimer-Oneida County line; cross cut in a circle on face of stone (N. Y. 210)	Feet. 430. 072
Utica, near, second course of towpath abutment of farm bridge 163, 3 miles east of Herkimer-Oneida County line; circle cut on the first stone west of east angle (N. Y. 211)	429. 565
Utica, near, west angle of towpath abutment of farm bridge 167, 3.7 miles east of Herkimer-Oneida County line; cross cut in circle on projection of first stone in second course (N. Y. 212)	428. 534
Utica, near, on face of first stone west of east angle, towpath abutment of farm bridge 168, 2.2 miles east of Herkimer-Oneida County line; cross cut in a circle on projection in second course (N. Y. 13)	431. 044
Utica, near, towpath abutment of harbor bridge 169, on face of second stone from east angle; circle cut in a square on a projection in second course (N. Y. 214)	429. 772
Utica, near, east wing of towpath abutment of first bridge east of Herkimer-Oneida County line; cross cut in a circle on southeast corner of lower step (N. Y. 216)	430. 148
Utica, east wing of towpath abutment of Platt Street Bridge; copper bolt in bottom step (N. Y. 224)	434. 127

ORISKANY QUADRANGLE.

Utica to Rome.¹

Whitesboro, east wing wall of towpath abutment of Clinton Street Bridge; top of copper plug in southeast corner of bottom step (N. Y. 228, 1900; L. S. 94)	433. 688
Whitesboro, east wing wall of towpath abutment of Westmoreland Street Bridge; top of copper plug in bottom step (N. Y. 229, 1900; L. S. 95)...	434. 967
Oriskany, 1.8 miles east of, east wing wall of towpath abutment of Bradley's road bridge; top of copper bolt in southwest corner of bottom step (N. Y. 230, 1900; L. S. 96)	436. 553
Oriskany, west end of towpath coping of Oriskany aqueduct; top of copper plug in southwest corner of stone (N. Y. 232, 1900; L. S. 97)	433. 960
Oriskany, 1 mile west of, west wing of towpath abutment of Brainard's farm bridge; top of copper plug in southwest corner of bottom step (N. Y. 233, 1900; L. S. 98)	435. 793
Oriskany, 4.2 miles west of, wastewear 2, just below bridge 31; top of copper plug on northwest corner of east stone parapet (L. S. 99)	433. 106
Stanwix, east wing wall of towpath abutment of Stanwix road bridge; top of copper plug in southeast corner of bottom step (N. Y. 237, 1900; L. S. 100)	437. 626
Rome, Black River feeder to Erie Canal, 100 feet west of center of Depeyster Street Bridge over canal; Whitesboro Street crosses feeder by an arch marked "S. W. Morton, contractor, 1851;" top of copper bolt in north-east corner of east wall (L. S. 101)	433. 505
Rome, west end of north abutment of George Street Bridge; square cut in southwest corner of lower step, marked "B. M." (L. S. 102)	436. 090
Rome, 1.1 miles west of, east wing wall of towpath abutment of Barnes's farm bridge; top of copper bolt in bottom step (N. Y. 239, 1900; L. S. 103) ..	435. 266
Rome, 2.7 miles west of, on west end of parapet of Fort Bull wastewear; top of copper bolt in southeast corner of end stone (L. S. 104)	433. 124

¹ Information furnished by U. S. Lake Survey.

Oriskany to Rome.¹

	Feet.
Oriskany, about 1.8 miles west of New York Central & Hudson River R. R. station; top of southwest corner stone foundation of milepost 194 from Buffalo.....	421. 587
Between Rome and Oriskany, bridge 538 of the New York Central & Hudson River R. R.; point on masonry above bridge seat on top of southwest corner of east abutment of bridge 538, about 1 foot below top of rail....	428. 039
Rome, 20 feet east of east line of Lawrence Street, about 900 feet north, measured along street from center of bridge crossing old Erie Canal; copper nail in root of elm tree.....	431. 790
Rome, about 1 mile west of, about 1 foot below top of rail of bridge of the Rome, Watertown & Ogdensburg R. R. crossing highway, near beet sugar company's buildings; top of southeast corner of masonry.....	432. 747

Utica to Rome.²

Utica, near, west wing of towpath abutment of Yorkville road bridge; copper bolt in lower step (N. Y. 226).....	435. 600
Whitesboro, near, Saquoit Creek aqueduct; copper bolt in second stone from northeast end of towpath parapet wall (N. Y. 227).....	433. 520
Oriskany, near, east wing of towpath abutment of Evans farm bridge, just east of Oriskany; copper bolt in southeast corner of bottom step (N. Y. 231).....	436. 142
Oriskany, 1.8 miles west of, west wing of towpath abutment of Kieley's farm bridge; copper bolt in southwest corner of bottom step (N. Y. 234).....	435. 044
Oriskany, 3 miles west of, east wing of towpath abutment of Murphy's farm bridge; copper bolt in southeast corner of bottom step (N. Y. 235).....	434. 937
Oriskany, 4.5 miles west of, west wing of towpath abutment of Clark's farm bridge; copper bolt in southwest corner of bottom step (N. Y. 236).....	436. 074
Rome, near west end of towpath abutment of George Street Bridge on face of stone; knob cut on projection in lower course west end (N. Y. 238).....	432. 509
Rome, near, west wing, third course, towpath abutment of Brainard's farm bridge, just east of Fort Bull wastewear; knob cut on face of first stone (N. Y. 240).....	434. 915

Rome to Delta and Westernville (portion of line).³

Rome, in coping on vertical wall, towpath side, about 42 feet east of east abutment of bridge over mouth of Black River Canal; copper plug (237-B).....	435. 606
Lock 4, head of, in north stone of towpath wall; copper plug (1).....	467. 653
Lock 5, towpath side, in coping between anchor irons of upper hollow quoin; copper plug (2).....	477. 775
Lock 6, towpath side, in coping, between anchor irons of upper hollow quoin; copper plug (3).....	487. 714
Lock 7, towpath side, in coping between anchor irons of upper hollow quoin; copper plug (5).....	497. 991

Oriskany to Northwood (portion of line).

Oriskany Creek aqueduct; copper plug (232).....	433. 960
Mohawk River, in extreme end of west wing wall of south abutment of iron bridge over, 4 feet from 10-inch elm tree; copper plug marked, above, "B. C."; below, "B. M." (2).....	417. 613
Ninemile Creek, in extreme end of west wing wall of south abutment of iron bridge over; copper plug marked "B. C." above, "B. M." below (5).....	428. 228

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.³ Information furnished by State Engineer and Surveyor; Barge Canal Survey 1905.

Ninemile Creek, south abutment of bridge near sawmill, in west wing wall; copper plug marked "B. C." above, "B. M." below (7).....	Feet. 437. 632
Oriskany, about 4 miles north of, in end of west wing wall of south abutment of steel bridge over Ninemile Creek (bridge is known as "Gristmill Bridge"); copper plug marked "B. C." above, "B. M." below (11).....	474. 331
Stittville, 1.8 miles southwest of, about 400 feet northwest of residence of John N. Powell, in bridge seat of south abutment of steel bridge over Ninemile Creek; copper plug (14).....	503. 620
Stittville, in village, in south end of east abutment of steel bridge over Ninemile Creek; copper plug (18).....	529. 169
Stittville, 3,000 feet northeast of station, in east end of south abutment of Rome, Watertown & Ogdensburg R. R. bridge over Ninemile Creek on fourth course from top; copper plug (19).....	554. 520
Holland Patent, about 1 mile south of, 500 feet southeast of the John Miller sawmill, in bridge seat stone on south end of west abutment of highway bridge over Ninemile Creek; copper plug (20).....	558. 933
Holland Patent, 1,000 feet from station, at extreme end of east wing of south abutment of steel bridge over Ninemile Creek; copper plug (21)...	582. 771
Holland Patent, 3,000 feet southeast of station, in top of stone of east abutment of highway bridge over Beaver Creek, 3 feet from east end of north truss; copper plug (22).....	602. 864

BOONVILLE QUADRANGLE.**Rome to Delta and Westernville (portion of line).¹**

Lock 8, in coping between anchor irons of upper hollow quoin, berme side; copper plug (6).....	509. 250
Lock 12, towpath side, in coping between anchor irons of upper hollow quoin; copper plug (7).....	554. 031
Lock 13, berme side, in coping between anchor irons of upper hollow quoin; copper plug (8).....	561. 450
Lock 14, towpath side, between anchor irons of lower hollow quoin; copper plug (9).....	569. 891
Lock 15, berme side, between anchor irons of upper hollow quoin; copper plug (10).....	577. 699
Lock 16, towpath side, between anchor irons of lower hollow quoin; copper plug (11).....	587. 622

REMSEN QUADRANGLE.**Oriskany to Northwood (portion of line).¹**

Mason Potter house, about 0.25 mile east of, in large granite boulder (3 feet 6 inches) on south bank of Beaver Creek, in open pasture; copper plug (27).....	648. 683
Holland Patent, about 3 miles east of, 100 feet south of Beaver Creek, about 200 feet west of mill of David D. King, in an open pasture, in boulder; copper plug (28).....	702. 447
Trenton Falls, 1.25 miles southwest of, in south end of west abutment of highway bridge over Cincinnati Creek; copper plug (35).....	749. 961
Trenton Falls, 150 feet east of post office, in south end of west abutment of highway bridge over West Canada Creek; copper plug (38).....	756. 509
Trenton Falls, in east end of bottom step of front steps of Hotel Trenton; iron plate (39).....	855. 517

¹ Information furnished by State Engineer and Surveyor; Barge Canal Survey, 1905.

Trenton Chasm, 125 feet east of station, in south end of west abutment of Rome, Watertown & Ogdensburg R. R. bridge over West Canada Creek; copper plug (40).....	Feet. 1,033.594
Prospect, about 0.5 mile east of, in north end of top course of stone east abutment of cattle pass under Hinckley Branch of New York Central & Hudson River R. R.; copper plug (44).....	1,177.917
Prospect, about 1 mile east of, in southeast corner of north parapet of culvert under Hinckley Branch of New York Central & Hudson River R. R.; copper plug (45).....	1,174.731
Hinckley, 2.5 miles northeast of, 10 feet from angle in abutment and 20 feet from end of wing, in east wing of south abutment of "Twin Rock Bridge" over West Canada Creek; copper plug marked "B. C." above, "B. M." below (51).....	1,177.552
Northwood, in north end of east abutment of highway bridge over Mill Dam Creek; copper plug (bench mark No. 55).....	1,207.401
Northwood, 150 feet east of Hiawatha Hotel, in 12 foot by 8 foot boulder in open field; copper plug marked "B. C." above, "B. M." below (56).....	1,218.436
Northwood, 2.6 miles east of, on west side of highway, 600 feet southwest of Leland property, on line dividing towns of Russia and Ohio, in boulder; copper plug (59) U. S. Geological Survey bench mark.....	1,257.696

Twin Rock Bridge to Grant.

Black Creek, 1,200 feet west of, about 250 feet south of east-west fence between foot of slope and edge of swamp, about 0.5 mile northwest of Grant, in boulder; copper plug (60).....	1,233.280
Grant, in northeast wing wall of bridge over Black Creek; copper plug (61).....	1,226.713

ONEIDA QUADRANGLE.**Rome to North Bay.¹**

Rome, 4.8 miles west of, west wing wall of towpath abutment of Armstrong's farm bridge; top of copper bolt in lower step (N. Y. 241, 1900; L. S. 105).....	435.391
New London, east wing wall of towpath abutment of New London road bridge; top of copper bolt in bottom step (N. Y. 243, 1900; L. S. 106)....	435.338
Stacys Basin, towpath abutment of bridge 49; top of copper bolt in lower step of east wing wall (N. Y. 245, 1901; L. S. 107).....	435.646
Stacys Basin, on bridge 49, second course of stones, east wing of north abutment; top of projection of stone (L. S. 49, 1875; L. S. 108).....	433.868
Higginsville, 1 mile east of, on bridge 50, bottom course, east wing of north abutment; top of projection of stone (L. S. 51, 1875; L. S. 109).....	431.050
Higginsville, east wing wall of towpath abutment of east road bridge 51; top of copper bolt in second step (N. Y. 247, 1901; L. S. 110).....	433.274
Higginsville, 2.4 miles west of, along old side cut to Oneida Lake on fence line on south side of road, about 2,000 feet west of intersection of roads; nail in root of 2-foot maple tree, largest tree in the vicinity (L. S. 111)...	375.277
Sylvan Junction, New York, Ontario & Western Ry. bridge over Fish Creek, square cut on top of east end of south abutment, marked "U. S. B. M." (L. S. 112).....	377.016

Rome to Sylvan Beach.²

Between New London and Rome, on south side of angle in highway, about 550 feet east along highway from east side of house of Mark Thron; copper nail in root of elm tree.....	420.897
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¹ Information furnished by U. S. Lake Survey.² Information furnished by Board on Deep Waterways.

New London, about 75 feet south of intersection of highways, about 1,050 feet south of highway bridge crossing Wood Creek; copper nail in root of large elm tree in highway.....	Feet. 408. 241
Between Sylvan Beach and New London, about 800 feet east of Drum Creek, about 500 feet west of east line of W. Warner property; copper nail in south root of small tree in south corner of woods.....	381. 515
Sylvan Beach, about 0.5 mile east of, about 10 feet east of east right-of-way line of New York, Ontario & Western Ry., about 1,030 feet south-west, along railroad, from south end of railroad bridge crossing Fish Creek; copper nail in root of tree.....	373. 857

New London to Canastota.¹

New London, near, towpath abutment of Sands farm bridge; knob cut on face of stone in second course (N. Y. 242).....	432. 693
New London, near, berme supports of Grove Spring road bridge; copper bolt in west end of foundation stone (N. Y. 244).....	429. 490
Stacys Basin, near, on bridge 50, Happy Valley road bridge; west wing of towpath abutment; copper bolt in lower step (N. Y. 246).....	435. 423
Higginsville, on bridge 52, west road bridge, west wing of towpath abutment; square cut on fourth step (N. Y. 248).....	434. 018
Higginsville, first culvert west of bridge 52, towpath side; square cut on northeast corner of parapet (N. Y. 249).....	428. 070
Higginsville, near, on bridge 53, Dunbarton bridge, east wing of towpath abutment; copper bolt in step flush with ground (N. Y. 250).....	431. 891
Higginsville, near, on culvert 30, towpath side; square cut on northeast corner of coping (N. Y. 251).....	428. 420
Higginsville, near, on culvert 31; towpath side; square cut on northeast corner of coping (N. Y. 252).....	428. 497
Higginsville, near, on bridge 54, Durkee's road bridge, east wing of towpath abutment; copper bolt in third step (N. Y. 253).....	432. 510
Higginsville, near, on bridge 55, State road bridge, east wing of towpath abutment; copper bolt in second step (N. Y. 254).....	432. 579
Higginsville, near, just east of bridge, towpath side; square cut on northeast corner of coping of culvert (N. Y. 255).....	428. 089
Durhamville, near, on culvert 34, east end of parapet coping, towpath side; copper plug in northeast corner (N. Y. 256).....	428. 506
Durhamville, near, on bridge 56, east road bridge, west wing of towpath abutment; copper bolt in third step (N. Y. 257).....	423. 716
Durhamville, on bridge 57, Main Street Bridge, east wing of towpath abutment; copper bolt in third step (N. Y. 258).....	432. 594
Durhamville, on wasteweir 4, north end of coping of west abutment; square cut on southeast corner of stone (N. Y. 259).....	431. 396
Durhamville, on bridge 58, Bennett's road bridge; west wing of towpath abutment; copper bolt in lower step (N. Y. 260).....	433. 073
Durhamville, near, on bridge 59, Sholhamer's road bridge, east wing of berme abutment; copper bolt in second step (N. Y. 261).....	434. 134
Durhamville, near, on Cowasselon Aqueduct 3, east wing of towpath side; copper bolt near center of east face of coping of buttress (N. Y. 262).....	430. 169
Canastota, near, on bridge 60, Lenox basin road bridge, west wing of towpath abutment; copper bolt in second step (N. Y. 263).....	432. 000

¹ Rept. State Engineer and Surveyor for 1901.

CHITTENANGO QUADRANGLE.

North Bay to Constantia.¹

	Feet.
North Bay, in northeast corner of Sautell's field, about 400 feet west of station, about 60 feet south of New York, Ontario & Western Ry. track; nail in root on north side of a 14-inch maple tree (L. S. 113).....	387. 214
North Bay, 1.7 miles west of, on north side of highway, in front of ruins of John Kinney's house, 70 feet northeast of northeast corner of barn on south side of road, 161 feet east of large willow tree; top of a $\frac{3}{4}$ -inch brass bolt leaded vertically in triangular stone buried 2.7 feet below ground (L. S. 114).....	422. 119
Cleveland, at center of intersection of Bridge and North streets, 120 feet east of center of bridge over Black Creek, 37.5 feet north of fence on south side of Bridge Street, 172 feet south of southwest corner of St. James Episcopal Church, 71.2 feet south of hydrant on west side of North Street; top of a $\frac{3}{4}$ -inch brass bolt leaded vertically in a footstone buried 2 $\frac{1}{2}$ feet below surface of ground (L. S. 115).....	394. 763
Cleveland, 100 feet west of second highway crossing the New York, Ontario & Western Ry., west of railroad siding, 540 feet west of milepost marked "N. Y. 285"; top of copper nail in root of maple tree 2 $\frac{1}{2}$ feet in diameter (D. W., 1898; L. S. 116).....	423. 007
Bernards Bay, on north side of road opposite J. Richardson's blacksmith shop, 15 feet north of center of road, 26 feet west of east line of foundation of C. Winn's burned store, 148 feet east of center of bridge over small brook west of blacksmith shop, 79 feet southwest of Sarah Jane Mickle's house on north side of road; top of a $\frac{3}{4}$ -inch brass bolt leaded vertically into a footstone buried 2 $\frac{1}{2}$ feet under surface of ground (L. S. 117).....	386. 625
Constantia, 4.8 feet north of north rail of track, in corner of stone coping at north end of west abutment of culvert 395, just east of New York, Ontario & Western Ry. station, over second creek east of station; top of a $\frac{3}{4}$ -inch brass bolt leaded vertically and marked "U. S. B. M." R (L. S. 118).....	393. 675

Bench mark near North Bay.

North Bay, near, 12 $\frac{1}{2}$ feet north of north right-of-way line of New York, Ontario & Western Ry., 1,185 feet east of milepost 279; copper nail in root of oak tree 2 feet in diameter (D. W., North Bay).....	421. 971
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Canastota to Manlius.²

Canastota, near, over face of east wing of towpath abutment of culvert 38; copper bolt on coping of parapet (N. Y. 264).....	428. 037
Canastota, on Lehigh Valley R. R. bridge, towpath abutment, near center; point cut on projection of third course of masonry above ground (N. Y. 265).....	432. 266
Canastota, on bridge 61, Peterboro Street Bridge, berme vertical wall of west side of bridge; chisel mark on coping at foot of step (N. Y. 266).....	430. 354
Canastota, east wing of towpath abutment of Main Street Bridge, No. 62; copper bolt in third step (N. Y. 267).....	433. 000
Canastota, on culvert at cider mill, towpath side; copper bolt in northeast corner coping of parapet (N. Y. 268).....	429. 219
Canastota, near, east wing of towpath abutment of bridge 63, Beebe's road bridge; copper bolt in fourth step (N. Y. 269).....	432. 971

¹ Information furnished by U. S. Lake Survey.² Rept. State Engineer and Surveyor for 1901.

	Feet.
Canastota, near, east wing of towpath abutment of Herrick's road bridge, No. 64; square cut on fourth step (N. Y. 270).....	433. 225
Canastota, near, on culvert 43, towpath side, at Fuller's bridge; copper bolt in northwest corner of coping of parapet (N. Y. 271).....	428. 794
Canastota, near, east wing of towpath abutment of New Boston road bridge, No. 66; copper bolt in fourth step (N. Y. 272).....	433. 320
Canaseraga, near, on culvert 44, towpath side; square cut on northwest corner of coping of parapet (N. Y. 273).....	427. 975
Canaseraga, near, east wing of towpath abutment of Canaseraga road bridge, No. 67; copper bolt in fourth step (N. Y. 274).....	433. 425
Chittenango, near, east wing of towpath abutment of Chittenango road bridge, No. 68; square cut on second step (N. Y. 275).....	432. 413
Chittenango, west wing of towpath side of Chittenango Aqueduct No. 4; copper bolt in stone under coping of parapet (N. Y. 276).....	432. 721
Chittenango, near, on culvert 45, towpath side; square cut on northeast corner of coping of parapet (N. Y. 277).....	428. 161
Chittenango, near, west wing of towpath abutment of Bolivar road bridge, No. 69; copper plug in stone under coping of buttress (N. Y. 278).....	434. 001
Chittenango, near, east wing of towpath abutment of White's road bridge, No. 70; copper bolt in coping of buttress (N. Y. 279).....	435. 278
Kirkville, near, east wing of towpath abutment of Pools Brook road bridge, No. 71; copper bolt in coping buttress (N. Y. 280).....	434. 993
Kirkville, near, east wing of towpath abutment of Kirkville road bridge, No. 72; copper bolt in coping of buttress (N. Y. 281).....	435. 479
Manlius, near, on culvert 47; copper bolt in northeast corner coping of towpath parapet (N. Y. 282).....	426. 103
Manlius, near, on culvert 48; copper bolt in northeast corner of coping of towpath parapet (N. Y. 283).....	420. 569
Manlius, east wing of berme abutment of Manlius road bridge, No. 73; copper bolt in lower step (N. Y. 284).....	433. 188

Chittenango to Cazenovia (portion of line).¹

Chittenango road bridge, No. 68, square cut on second step, east wing of towpath abutment (68) Coast and Geodetic Survey bench mark.....	432. 413
Chittenango Village, about 1.1 miles south of south corporation line of, in south end of west abutment of highway bridge over Chittenango Creek opposite the E. C. Walrath property; copper plug (1).....	500. 437

CAZENOVIA QUADRANGLE.

Chittenango to Cazenovia (portion of line).¹

Chittenango Falls, about 1.2 miles north of, in north end of watering trough on east side of highway; copper plug (8).....	672. 640
Chittenango Falls, 2,000 feet north of store, in large flat rock at edge of highway, south side, at beginning of first sharp curve in highway; copper plug (10).....	845. 872
Cazenovia, 2.8 miles north of, 350 feet northeast of Bingleys Mill, point in square on rock at end of north wing of west abutment of highway bridge over Chittenango Creek (12).....	1, 006. 581
Cazenovia, about 2.25 miles north of, 0.5 mile south of Bingleys Mill, 3 feet from north truss, in north wing of east abutment of highway bridge over Chittenango Creek; copper plug (13).....	1, 057. 090

¹ Information furnished by State Engineer and Surveyor; Barge Canal Survey, 1905.

Cazenovia, 900 feet south of Lehigh Valley R. R. station, in west end of north abutment of Lehigh Valley R. R. bridge over Chittengo Creek; iron plug projecting 3 inches above stone (15).....	Feet. 1, 187. 713
Cazenovia, in west end of extreme north wall of spillway of dam near the mill of A. H. Chappe at south end of Mill Street; copper plug (16).....	1, 194. 921
Cazenovia, in east wing of north abutment at Forman Street Bridge over outlet to Owahgena Lake; copper plug (17).....	1, 197. 857

SYRACUSE QUADRANGLE.

Bench mark at Brewerton.

Brewerton, on north bank of Oneida River, about 0.5 mile east of highway bridge, about 150 feet southeast of house of Dr. Oberlander; copper nail in root of elm tree (D. W., Brewerton).....	373. 026
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Manlius to Belle Isle.¹

Dewitt, near, on bridge 74, Stearn's farm bridge, east wing of berme abutment; square cut on lower step (N. Y. 285).....	434. 737
Dewitt, near, on Limestone Creek aqueduct, southwest corner of parapet coping, west wing of towpath side; copper bolt (N. Y. 286).....	434. 207
Dewitt, near, on Burdick's road bridge 76, east wing of towpath abutment; square cut on coping of buttress (N. Y. 287).....	435. 432
Dewitt, near, on culvert 49, towpath side; square cut on northeast corner of coping of parapet (N. Y. 288).....	428. 445
Dewitt, near, on Butternut Creek aqueduct, east stone of east wing of towpath side; copper bolt in coping of parapet (N. Y. 289).....	433. 949
Syracuse, near, on Thompsons Landing road bridge, towpath side; copper bolt in coping of west buttress (N. Y. 290).....	433. 542
Syracuse, near, on private bridge, east wing, towpath side; point cut on second step (N. Y. 291).....	431. 710
Syracuse, near, 0.5 mile east of lock 47, west end of coping, towpath side; copper bolt on stop gate (N. Y. 292).....	430. 088
Syracuse, on lock 47, towpath lock; copper bolt on southeast hollow quoin (N. Y. 293).....	430. 618
Syracuse, on lock 48, towpath lock; copper bolt on southeast hollow quoin (N. Y. 294).....	420. 016
Syracuse, on bridge 80 (William Street Bridge), east wing of towpath abutment; copper bolt in third step (N. Y. 295).....	412. 707
Syracuse, on Catherine Street Bridge, No. 81, west of bridge, towpath side; square cut on seat on vertical wall (N. Y. 296).....	411. 648
Syracuse, on lock 49, towpath lock; copper bolt in southeast hollow quoin (N. Y. 297).....	409. 718
Syracuse, on bridge 82, Orange Street, east wing of towpath abutment; square cut on second step (N. Y. 298).....	408. 465
Syracuse, on Grape Street Bridge, No. 88, west wing of towpath abutment; copper bolt in third step (N. Y. 299).....	405. 099
Syracuse, on weighlock; copper bolt in northeast hollow quoin (N. Y. 300).....	402. 898
Syracuse, at weighlock, entrance to collector's office; set in doorsill; bronze tablet (U. S. G. S. b. m.).....	404. 320
Syracuse, on Salina Street Bridge, No. 86, towpath side; square cut southwest corner, on belting of abutment (N. Y. 302).....	406. 605
Syracuse, on Clinton Street Bridge, No. 87, on towpath side; square cut on northwest corner of east foundation stone to stairway (N. Y. 303).....	405. 250

¹ Rept. State Engineer and Surveyor for 1901.

Syracuse, on West Street Bridge, No. 89, northeast corner of lift tower; copper bolt in capstone (N. Y. 304)	Feet. 405. 558
Syracuse, on Geddes Street Bridge, No. 90, pier at foot of west towpath stairs, at southwest corner of stairway landing; copper bolt (U. S. G. S. b. m.) ..	406. 230
Syracuse, on New York Central R. R. bridge, over Genesee Street Bridge, south wing of west abutment; square cut on first step (N. Y. 306)	403. 680
Syracuse, on Bridge Street Bridge, No. 93, west wing of towpath abutment; square cut on stone under coping (N. Y. 307)	406. 691
Syracuse, near, on discharge well, near salt company's bridge; copper bolt in southwest corner stone coping (N. Y. 308)	404. 048
Syracuse, near, on Blast Furnace road bridge, No. 93, west wing of towpath abutment; square cut on coping at buttress (N. Y. 309)	407. 838
Syracuse, near, on Gere's Landing Bridge, No. 94, west wing of towpath abutment; copper bolt in coping buttress (N. Y. 310)	407. 373
Syracuse, near, on culvert about 700 feet east of lock 50, towpath side; square cut on northeast corner of parapet coping (N. Y. 311)	397. 839
Syracuse, near, on lock 50, towpath lock; copper bolt in southeast hollow quoin between anchors (N. Y. 312)	410. 614

Syracuse to point near Liverpool.¹

Syracuse, on Willow Street Bridge, south wing of towpath abutment; copper bolt in third step (N. Y. 1)	406. 812
Syracuse, on Division Street Bridge, south wing of towpath abutment; copper bolt in third step (N. Y. 2)	405. 028
Syracuse, on Bear Street Bridge, south wing of towpath abutment; copper bolt in first step (N. Y. 3)	404. 130
Syracuse, near, on lock 1; copper bolt in northeast lower berme hollow quoin (N. Y. 4)	403. 001
Syracuse, near, on lock 2; copper bolt in southeast upper towpath hollow quoin (N. Y. 5)	391. 978
Syracuse, near, on lock 3; copper bolt in northeast lower towpath hollow quoin (N. Y. 6)	380. 796
Syracuse, near, on change bridge, north wing of west abutment; square cut on coping buttress (N. Y. 7)	373. 298
Syracuse, near, on change bridge, north wing of east abutment; copper bolt in west side of coping (N. Y. 8)	373. 738
Syracuse, near, on Rome, Watertown & Ogdensburg R. R. bridge, south wing of towpath abutment; square cut on coping of buttress (N. Y. 9) ..	371. 838
Liverpool, near, on culvert, towpath side; square cut on northwest capstone (N. Y. 10)	365. 440

Fayetteville to Manlius.²

Limestone Creek Aqueduct, in southwest corner of parapet coping, west wing, towpath side; copper plug (286)	434. 207
Erie Canal feeder, in east end of north abutment of bridge from towpath into Fayetteville; copper plug (1)	433. 784
Fayetteville, 100 feet east of corner of Genesee and High Bridge streets, between footbridge and trolley bridge, in west end of south abutment of bridge over Limestone Creek; copper plug (2)	435. 468
Fayetteville, about 1.3 miles south of, 18 feet from west end of north wall of "High Bridge;" copper plug (4)	507. 097
Manlius, about 0.5 mile west of, in south end of west abutment of highway bridge over West Branch of Limestone Creek; copper plug (6)	549. 162

¹ Rept. State Engineer and Surveyor for 1901.

² Information furnished by State Engineer and Surveyor; Barge Canal Survey, 1905.

BALDWINSVILLE QUADRANGLE.

Belle Isle to Jordan.¹

Belle Isle, near, on Gere's road bridge, No. 95, east wing of towpath abutment; copper bolt in lower step (N. Y. 313).....	Feet. 415. 957
Belle Isle, on bridge 95, west wing of towpath abutment; copper bolt in lower step (N. Y. 314).....	415. 925
Amboy, near, on first culvert east of Amboy road bridge, towpath side; copper bolt in west end of parapet coping (N. Y. 315).....	406. 939
Amboy, near, on Amboy road bridge, No. 97, west wing of towpath abutment; copper bolt in lower step (N. Y. 316).....	415. 666
Amboy, near, on Ninemile Creek Aqueduct, east retaining wall, towpath side; copper bolt in northwest corner of coping (N. Y. 317).....	410. 666
Camillus, near, on culvert 58, east wall of first culvert east of Camillus road bridge, towpath side; square cut on northeast corner of coping (N. Y. 318).....	404. 252
Camillus, near, on Camillus road bridge, No. 98, west wing of towpath abutment; copper bolt in lower step (N. Y. 319).....	416. 564
Warners, near, on Newport road bridge, No. 99, west wing of towpath abutment; copper bolt in lower step (N. Y. 320).....	416. 573
Warners, 30 feet north of canal, southwest corner of hotel barn; chisel mark on boulder (U. S. G. S. b. m.).....	412. 584
Memphis, near, on Memphis road bridge, No. 100, east wing of towpath abutment; copper bolt in lower step (N. Y. 322).....	416. 513
Memphis, 0.8 mile west of, on culvert 59, west wing of towpath abutment; copper bolt in coping of buttress (N. Y. 323).....	406. 156
Memphis, near, on Peru road bridge, No. 101, west wing of towpath abutment; copper bolt in lower step (N. Y. 324).....	413. 643
Memphis, near, on Shanty Point road bridge, No. 102, east wing of towpath abutment; copper bolt in third step (N. Y. 325).....	414. 597
Jordan, near, on Carpenter Brook wastewear, towpath side; square cut on northeast corner of coping of west wall (N. Y. 326).....	411. 518
Jordan, near, at Jordan Cement Works, at end of railroad siding at back angle of towpath; square cut on southeast corner of concrete foundation (N. Y. 327).....	411. 774
Jordan, on Beaver Street Bridge, No. 103, west wing of towpath abutment; copper bolt in lower step (N. Y. 328).....	414. 017
Jordan, at Jordan Aqueduct, east wing of towpath side; copper bolt in coping of parapet (N. Y. 329).....	414. 290
Jordan, on Main Street Bridge, No. 104, west wing of towpath abutment; copper bolt in lower step (N. Y. 330).....	413. 137
Jordan, on Hamilton Street Bridge, No. 105, east wing of towpath abutment; copper bolt in lower step (N. Y. 331).....	413. 145

Phoenix to Plainville.¹

Phoenix, on southeastern hollow quoin of guard lock 1; copper bolt on coping between straps (N. Y. 54).....	364. 401
Three River Point, east wing of north abutment of bridge over Oneida River; copper bolt in step (N. Y. 55).....	366. 107
Belgium, 50 feet north of east wing of highway bridge over Seneca River; copper bolt in doorsill of brick building (N. Y. 56).....	369. 382
Belgium, near, on property of Henry Lacey, 350 feet from Italian shanty, 550 feet from place where ditch running into Seneca River crosses division line between lands of Henry Lacey and Luke Collins; nail in root of 20-inch elm tree (N. Y. 57).....	364. 658

¹ Rept. State Engineer and Surveyor for 1901.

Belgium, near, 220 feet from dwelling of John Doyle, 1.1 miles below Cold Spring Bridge, at foot of bluff on flats south of Seneca River; nail in root of elm tree (N. Y. 58).....	Feet. 369. 522
Baldwinsville, near, about 725 feet above Cold Spring Bridge, on left bank of Seneca River; highest point on stone monument (N. Y. 59).....	369. 250
Baldwinsville, near, about 40 feet west of wire fence, on property of Jay B. Klein, about 6,000 feet above Cold Spring Bridge; nail in root of oak tree (N. Y. 60).....	366. 076
Baldwinsville, near, on back angle of towpath on property of Jay B. Klein, 5 feet from wire fence, about 1,500 feet west of division line between properties of Alonzo Wagner and J. B. Klein; nail in root of 16-inch elm tree (N. Y. 61).....	366. 922
Baldwinsville, near, 170 feet east of bridge over small creek, 350 feet from division line, between properties of Harriet and Elmer Dixon and E. I. Bisdie, on property of E. I. Bisdie; nail in root of 16-inch poplar tree (N. Y. 62).....	367. 299
Baldwinsville, near, on left bank of Seneca River, 300 feet from division line between properties of W. S. Names and Curtis Names, on property of W. S. Names, about 1,200 feet above Delaware, Lackawanna & Western R. R. bridge; nail in root of 10-inch ash tree (N. Y. 63).....	368. 542
Baldwinsville, near, near slaughterhouse, about 700 feet below lock in Baldwinsville side-cut canal; point on stone monument (N. Y. 64).....	374. 025
Baldwinsville, near, on west end of wall at north end of Baldwinsville Dam; point cut in coping on south side of last stone (N. Y. 65).....	376. 322
Baldwinsville, 0.5 mile from post office, on property of Otis M. Bigelow, on north river bank; nail in root of elm tree (N. Y. 66).....	378. 489
Baldwinsville, near, on property of Mrs. Jennie M. Adsit, 550 feet from farmhouse, 420 feet from highway; highest point on boulder on top of river bank (N. Y. 67).....	393. 048
Baldwinsville, near, 15 feet from angle in rail fence between properties of Judson Maerfield and Hannah Butler, on Maerfield property; mark cut on boulder 200 feet from water's edge (N. Y. 68).....	376. 296
Baldwinsville, 4 miles above, opposite property of Seneca River Brick Co., on property of Adelbert and Frank Fowler, 1,075 feet from west line and 1,100 feet from their east property line; nail in root of elm tree 5 feet from river (N. Y. 69).....	377. 120
Plainville, near, on land of D. E. Voorheese, 500 feet from east line and 2,000 feet from west line of property; nail in root of chestnut tree (N. Y. 70).....	380. 611
Plainville, 1.5 miles south of, in north edge of woods on property of David Tillison; nail in root of 13-inch elm tree (N. Y. 71).....	378. 348
Plainville, near, beside 15-inch oak tree on top of river bank in edge of woods and at end of rail fence, on property of Emerson Gates, about 1,500 feet north of highway bridge over State ditch at Jacks Reef; nail in root of stump (N. Y. 72).....	392. 806

Point near Liverpool to point near Belgium.¹

Liverpool, near, on Liverpool road bridge, south wing of towpath abutment; copper bolt in first step (N. Y. 11).....	372. 288
Belgium, near, on culvert, towpath side; square cut on northwest capstone (N. Y. 12).....	365. 119

¹ Rept. State Engineer and Surveyor for 1901.

Belgium, near, on road and change bridge, south wing of towpath abutment; copper bolt in first step (N. Y. 13).....	Feet. 373.225
Belgium, near, on lock 5, between anchors; copper bolt in northeast lower towpath hollow quoin (N. Y. 14).....	371.039

FULTON QUADRANGLE.**Pennellville to Oswego.¹**

Pennellville, in west side of schoolyard, 57.8 feet from northwest corner of schoolhouse, 111.8 feet north of northwest corner of Methodist Church, in line with north face of schoolhouse; top of a $\frac{3}{4}$ -inch brass bolt leaded vertically in footstone buried $2\frac{1}{2}$ feet under surface of ground, marked "U. S. B. M. W." (L. S. 123).....	412.468
Fulton, 2.8 miles southeast of, in west face, near northwest corner of W. M. Whalin's brick house, on south side of Pennellville-Fulton road; center of a $\frac{1}{4}$ -inch brass bolt leaded horizontally in brick marked "U. S. B. M." (L. S. 124).....	399.841
Fulton, on east leaf of north gate of lock 8, Oswego Canal; top of a copper bolt between anchor irons (L. S. 125).....	347.946
Fulton, on east leaf of north gate of lock 10, Oswego Canal; top of a copper bolt between anchor irons (L. S. 126).....	329.025
Fulton, south wing wall of towpath abutment of first bridge below lock 10; top of a copper plug in coping (L. S. 127).....	323.167
Fulton, south wing wall of east abutment of highway bridge over Oswego Canal on North First Street; top of copper bolt set flush with the masonry in first step (N. Y. State b. m. 19; 1901 L. S. 128).....	322.472
Fulton, 0.6 mile north of, on east leaf of middle gate of lock 11; top of a copper bolt between anchor irons (L. S. 129).....	320.182
Fulton, 1.6 miles north, on east leaf of middle gate of lock 12; top of a copper bolt between anchor irons (L. S. 130).....	312.008
Minetto, northeast lower hollow quoin stone of lock 13; flush with masonry, between anchor irons (N. Y. 21, 1901; L. S. 131).....	301.231
Minetto, 0.6 mile north of, east leaf of north gate of lock 14; top of copper plug, flush with masonry, between anchor irons (L. S. 132).....	291.631
Oswego, 2.8 miles south of, northeast lower hollow quoin stone of lock 15; top of copper plug, flush with masonry, between anchor irons (N. Y. 22; L. S. 133).....	286.672

Ingalls Crossing to Minetto.²

Between Ingalls Crossing and Sand Ridge, south abutment of highway bridge crossing Bell Creek about 250 feet southeast of house of G. Hollenbeck; top of masonry of northwest corner.....	376.389
Ingalls Crossing, near, about 20 feet north of north right-of-way line of New York, Ontario & Western Ry., about 20 feet west of line fence between Chapman estate and property of A. Wolever, about 3,400 feet west of west headblock of siding at Ingalls Crossing; copper nail in root of tree.....	375.889
Phoenix, 750 feet southwest in the direction of highway from intersection of highways, about 200 feet east of bridge over Brandy Brook, about 150 feet southeast, at right angles to highway, from this highway, 450 feet north of north edge of Oswego Canal; copper nail in root of oak tree.....	358.055
Hinmanville, on lower hollow quoin (towpath side) of lock 6, Oswego Canal; copper bolt, flush with masonry, between anchors.....	360.681

¹ Information furnished by U. S. Lake Survey.² Information furnished by Board on Deep Waterways.

Between Fulton and Hinmanville, on middle hollow quoin (towpath side) of lock 7, Oswego Canal; copper bolt, flush with masonry, between anchors.	Feet. 353. 519
Between Minetto and Fulton, in middle hollow quoin (towpath side) of guard lock 4, Oswego Canal; copper bolt, flush with masonry, between anchors.....	312. 019

MEXICO QUADRANGLE.**Constantia to Pennellville.¹**

Constantia, about 0.5 mile west of, 15 feet north of north right-of-way line of the New York, Ontario & Western Ry., 305 feet east of highway crossing railroad; top of copper nail in root on south side of a chestnut tree 2 feet in diameter (D. W., 1898; L. S. 119).....	410. 716
West Monroe, in a row of four large elm trees on south side of main road opposite Cross & Wrightman's store; top of 30-penny spike in root on south side of third elm tree, the third from cross road to station (L. S. 120).	395. 101
Central Square; square cut on northwest corner of doorstep of door of Low's store, facing bandstand, marked "U. S. B. M." (L. S. 121).....	453. 975
Caughdenoy, about 0.2 mile west of station, on north side of east abutment of New York, Ontario & Western Ry. bridge 420, first railroad bridge west of Caughdenoy station; square cut on coping (L. S. 122).....	380. 732

Point near High Banks to Sand Ridge.²

High Banks, near, south of Caughdenoy, on east bank of the Oneida River, on west side of highway, about 850 feet north, measured on highway, from wooden bridge over Black Creek; copper nail in root of elm tree.....	367. 501
Sand Ridge, on property line between J. Ray and C. Breshnahan, about 1,000 feet west of highway, measured along property line; copper nail in root of elm tree.....	384. 279

WEEDSPORT QUADRANGLE.**Jordan to Montezuma.³**

Jordan, near, on lock 51, towpath lock; copper bolt in southeast hollow quoin (N. Y. 332).....	410. 627
Jordan, near, on Cold Spring road bridge, No. 106, west wing of towpath abutment; copper bolt in third step (N. Y. 333).....	406. 705
Weedsport, near, on Fountainville road bridge, No. 107, east wing of towpath abutment; copper bolt in fourth step (N. Y. 334).....	408. 951
Weedsport, near, on Field's road bridge, No. 108, east wing of towpath abutment; copper bolt in second step (N. Y. 335).....	406. 169
Weedsport, near, on West Shore R. R. bridge east of Weedsport, east wing of towpath abutment; square cut on lower step (N. Y. 336).....	408. 125
Weedsport, near, on Putnam's farm bridge, No. 109, east wing of towpath abutment; copper bolt in third step (N. Y. 337).....	407. 874
Weedsport, near, on Young's farm bridge, No. 110, east wing of towpath abutment; copper bolt in second step (N. Y. 338).....	407. 013
Weedsport, near, on Lehigh Valley R. R. bridge, east wing of towpath abutment; square cut on second step (N. Y. 339).....	407. 922
Weedsport, near, on Weedsport wastewear, east end of east wall of bulkhead; copper bolt in coping (N. Y. 340).....	404. 344
Weedsport, on Seneca Street Bridge, No. 111; east wing of towpath abutment; copper bolt in third step (N. Y. 341).....	407. 140

¹Information furnished by U. S. Lake Survey.²Information furnished by Board on Deep Waterways.³Rept. State Engineer and Surveyor for 1901.

Weedsport, on Brutus Street Bridge, No. 112, east wing of towpath abutment; copper bolt in third step (N. Y. 342).....	Feet. 408. 125
Weedsport, near, on West Shore R. R. bridge, west wing of towpath abutment; square cut on lower step (N. Y. 343).....	408. 007
Weedsport, near, on Centerport Aqueduct, west wing of towpath side; square cut on northeast corner of coping buttress (N. Y. 344).....	404. 816
Port Byron, near, on Centerport road bridge, No. 113, east wing of towpath abutment; square cut on fourth step (N. Y. 345).....	409. 510
Port Byron, on first culvert east of Utica Street, towpath side; square cut on northeast corner of coping (N. Y. 346).....	402. 733
Port Byron, on Utica Street Bridge, east wing of towpath abutment; copper bolt in third step (N. Y. 347).....	408. 687
Port Byron, on Main Street Bridge, No. 115, east wing of towpath abutment, copper bolt in lower step (N. Y. 348).....	407. 500
Port Byron, on Port Byron Aqueduct, east wing, towpath side; copper bolt in coping of north buttress (N. Y. 349).....	404. 238
Port Byron, on Owasco Street Bridge, No. 116, east wing of towpath abutment; copper bolt in fourth step (U. S. G. S. b. m.).....	407. 540
Port Byron, on Canal Street Bridge, No. 117, east wing of towpath abutment; copper bolt on second step (U. S. G. S. b. m.).....	406. 620
Port Byron, on lock 52, north side of lock pier; copper bolt in fourth step from west end (U. S. G. S. b. m.).....	403. 279
Port Byron, near, on Houghtaling road bridge, No. 118, east wing of towpath abutment; copper bolt in lower step (N. Y. 353).....	395. 797
Montezuma, near, on McLeod's road bridge, No. 119, west wing of towpath abutment; copper bolt in second step (N. Y. 354).....	396. 351
Montezuma, near, on Crane Brook Aqueduct, east of west wing of towpath abutment; copper bolt in coping of parapet (N. Y. 355).....	397. 379
Montezuma, near, on Bucklin's farm bridge, No. 120; west wing of towpath abutment; square cut on third step (N. Y. 356).....	396. 366
Montezuma, on Salt Street Bridge, No. 121, west wing of towpath abutment; copper bolt in fourth step (N. Y. 357).....	397. 422
Montezuma, on change bridge, No. 122, west wing of towpath abutment; copper bolt in second step (N. Y. 358).....	397. 163
Montezuma, on Clark Street Bridge, No. 123, west wing of towpath abutment; copper bolt in third step (N. Y. 359).....	396. 912
Montezuma, on Seneca River Aqueduct A 12, east end, towpath side; copper bolt in coping of parapet (N. Y. 360).....	397. 204
Montezuma, on Seneca River Aqueduct A 12, west end, towpath side; copper bolt in coping of parapet (N. Y. 361).....	397. 037
Montezuma, near, on Mays Point road and change bridge, No. 124, west wing of south abutment; copper bolt in third step (N. Y. 362).....	396. 902
Montezuma, near, on Mays Point road and change bridge, No. 124, west wing of south abutment, set in third step; bronze tablet (U. S. G. S. b. m.)	396. 642
Montezuma, near, on first culvert west of Mays Point Bridge, towpath abutment; square cut on southwest corner of coping (N. Y. 364).....	391. 807

Plainville to Savannah.¹

Plainville, near, on east side of road, 125 feet south of east end of Jacks Reef River bridge; nail in root of hickory tree (N. Y. 73).....	390. 157
Plainville, near, on shore of Seneca River, at beginning of lane along river on property of R. Graves, about opposite upper end of State ditch; nail in root of large hickory tree (N. Y. 74).....	380. 011

¹ Rept. State Engineer and Surveyor for 1901.

	Feet.
Plainville, near, on Shore of Cross Lake, 1,200 feet south of outlet near high-water mark on property of W. T. Stephens; nail in root of large hickory tree (N. Y. 75).....	381. 726
Weedsport, near, on south shore of Cross Lake, in woods, 1,100 feet west of lane to boathouse on land of Mrs. Brotton; nail in root of 10-inch maple stump (N. Y. 76).....	375. 890
Weedsport, near, south abutment of iron bridge over Seneca River, about 0.8 mile upstream from Cross Lake; point cut on northeast corner of coping stone (N. Y. 77).....	383. 884
Weedsport, near, 50 feet north of Skaneateles Creek, about 1,500 feet east of Bonta's bridge over Seneca River, on property of J. A. Clements; nail in root of 3-foot elm (N. Y. 78).....	382. 350
Weedsport, on east side of south abutment of river bridge on highway directly north of Weedsport; point cut on bridge seat (N. Y. 80).....	382. 147
Port Byron, near, about 10 feet away; west of Casey's clubhouse; nail in in root of willow tree (N. Y. 81).....	378. 457
Port Byron, near, about 1.5 miles north of New York Central & Hudson River R. R. station, east corner of south abutment of Free Bridge across Seneca River; mark cut on bridge seat (N. Y. 82).....	385. 097
Port Byron, about 2 miles north of, at east angle south of abutment of Mosquito Point Bridge over Seneca River; point cut on bridge seat (N. Y. 83).....	385. 317
Port Byron, near, about 200 feet from river, 570 feet west of lower bridge to Howland's Island; nail in root of maple tree (N. Y. 84).....	379. 534
Fox Ridge, just south of New York Central & Hudson River R. R. station, about 10 feet from wire fence; point cut on large boulder at roadside (N. Y. 85).....	386. 746
Fox Ridge, New York Central & Hudson River R. R. water station 39, about 100 feet west of bridge over Seneca River; point cut on northeast pedestal stone of water tank foundation (N. Y. 86).....	388. 922

OSWEGO QUADRANGLE.

Bench mark at Oswego.¹

Oswego, 0.6 mile south of, on east leaf of north gate of guard lock 5; top of copper bolt between anchor irons (L. S. 134).....	271. 572
Oswego, 0.3 mile south of, on east leaf of north gate of lock 17; top of copper bolt between anchor irons (L. S. 135).....	274. 717
Oswego, east leaf of middle gate of lock 18; top of $\frac{3}{8}$ -inch brass bolt leaded vertically in coping between anchor irons (L. S. 136).....	258. 867
Oswego, at foot of Schuyler Street, at northwest corner of Northwestern Elevator; center of $\frac{3}{8}$ -inch brass bolt leaded horizontally in water table under chimney, marked "U.S.B.M. '93" (L. S. 137).....	254. 975
Oswego, at foot of West First Street; circle 2 centimeters in diameter cut on highest point of large boulder marking site of Fort Oswego (L. S. 138).....	262. 568
Oswego, at foot of West Third Street, 0.6 foot from east face of dock, 86 feet south of rear face of dock running east toward lighthouse; top of a $\frac{3}{8}$ -inch brass bolt leaded vertically in top of masonry of old Government pier, marked "U.S.B.M. No. 1" (L. S. 139).....	251. 733
Oswego, at foot of West Third Street, 0.5 foot from east face of masonry, 3.5 feet north of north face of wooden dock leading to Government boathouse; top of an iron bolt in top of masonry of old Government pier, marked "U.S.+M." (A).....	251. 898

¹ Information furnished by U. S. Lake Survey.

Oswego, at foot of West Third Street, 8 feet south of masonry of pier, at one of the southwest corners of the Government Reservation, in prolongation south of west face of stone pier; top of stone post set flush with the ground (B).....	Feet. 252. 413
Oswego, on shop of dry dock of marine railroad at foot of West Second Street, on west side of shop, 3 feet north of southwest corner; cross cut in third course of stones from ground (C).....	261. 977

CLYDE QUADRANGLE.

Montezuma to Lyons.¹

Montezuma, near, on second culvert west of Mays Point Bridge, towpath side; copper bolt in coping of parapet (N. Y. 365).....	393. 815
Montezuma, near, western division of Wayne County line bridge, near center of towpath abutment; point cut on projection of fifth course of masonry below coping (N. Y. 366).....	396. 095
Meadville, near, western division, on culvert 1, towpath side; square cut on southwest corner of coping of parapet (N. Y. 367).....	389. 518
Meadville, near, western division, on culvert 2, towpath side; square cut on southwest corner of coping of parapet (N. Y. 368).....	389. 073
Meadville, near, on Pittlock's road bridge, No. 2, west wing of towpath abutment; square cut on coping of buttress (N. Y. 369).....	397. 115
Meadville, near, western division, on culvert 4, towpath side; square cut on center of coping of parapet (N. Y. 370).....	387. 944
Meadville, near, western division, on culvert 4, towpath side; square cut on southeast corner of coping of parapet (N. Y. 371).....	389. 051
Clyde, near, western division, on culvert 5; chiseled square on southwest corner of parapet wall (N. Y. 372).....	389. 960
Clyde, near, on Waldruff's bridge, No. 3, west wing of towpath abutment; chiseled square on northwest corner (N. Y. 373).....	397. 324
Clyde, near, square on east wing of West Shore R. R. bridge (N. Y. 374).....	395. 632
Clyde, near, on dive culvert, towpath side; square cut on parapet wall (N. Y. 375).....	389. 527
Clyde, berme on Glasow Street Bridge, No. 4; square cut on east wing (N. Y. 376).....	398. 904
Clyde, berme on lock 53; square on middle of hollow quoin (N. Y. 377).....	399. 264
Clyde, near, on Siegmund's bridge, No. 6, towpath side; square cut on west wing (N. Y. 378).....	401. 320
Clyde, near, on Baker's farm bridge, No. 7, towpath side; square cut on east wing (N. Y. 379).....	401. 632
Lock Berlin, near, Long's farm bridge, No. 8, towpath side; square cut on east wing (N. Y. 380).....	402. 285
Lock Berlin, near, on dive culvert, towpath side; square cut on parapet wall (N. Y. 381).....	394. 038
Lock Berlin, on highway bridge, No. 9, towpath side; square cut on east wing (N. Y. 382).....	401. 117
Lock Berlin, No. 54, berme; square cut on middle of hollow quoin (N. Y. 383).....	406. 561
Lock Berlin, about 0.4 mile west of, berme of Horton's bridge, No. 10; square cut on east wing (N. Y. 384).....	408. 970
Lock Berlin, near, berme of Goetzman's farm bridge, No. 11; square cut on east wing (N. Y. 385).....	409. 831
Lock Berlin, near, on Kiaus's highway bridge, No. 12, towpath side; square cut on west wing (N. Y. 386).....	409. 088

¹ Rept. State Engineer and Surveyor for 1901.

Lyons, near, on Richmond's farm bridge, No. 13, berme; square cut on west wing (N. Y. 387).....	Feet. 408. 955
Lyons, near, on Cole's highway bridge, No. 14, towpath side; square cut on west wing (N. Y. 388).....	408. 886
Lyons, on Geneva Street Bridge, No. 15, towpath side; square cut on west wing (N. Y. 389).....	409. 695
Lyons, on Montezuma Street Bridge, No. 16, towpath side; square cut on west wing (N. Y. 390).....	409. 358
Lyons, on Water Street Bridge, No. 17, towpath side; square cut on east wing (N. Y. 391).....	407. 728
Lyons, berme of lock 55; square cut on middle of hollow quoin (N. Y. 392).....	412. 445
Lyons, at Mud Creek Aqueduct, west wing, towpath abutment; square cut on buttress (N. Y. 393).....	412. 820
Lyons, near, on Prime's farm bridge, No. 19, berme; square cut on west wing (N. Y. 394).....	415. 919
Lyons, near, on Park's highway bridge, No. 20, towpath side; square cut on east wing (N. Y. 395).....	416. 817

Savannah to Clyde.

Savannah, about 0.5 mile east of; highest point on rail driven into ground at base of and in front of New York Central & Hudson River R. R. mile-post, "N. Y. 322, Buffalo 118" (N. Y. 87).....	405. 281
Savannah, about 0.8 mile west of, east end, lower course of north abutment of highway bridge over New York Central & Hudson River R. R.; point cut on face of stone (N. Y. 88).....	392. 929
Savannah, about 2 miles west of, West Shore R. R. bridge over Crusoe Creek; point cut on northwest corner of bridge seat (N. Y. 89).....	388. 588
Clyde, 1.8 miles east of, towpath abutment, north wing of New York Central & Hudson River R. R. bridge over Erie Canal; point cut on back of lower step (N. Y. 90).....	396. 948

PALMYRA QUADRANGLE.

Lyons to Palmyra.¹

Lyons, near, berme on Poorhouse lock, No. 56; square cut on middle quoin (N. Y. 396).....	422. 758
Lyons, near, Mosher's highway bridge, No. 21, towpath side; square cut on west wing (N. Y. 397).....	425. 167
Lyons, near, on dive culvert, towpath side; square cut on parapet wall (N. Y. 398).....	417. 038
Newark, near, on dive culvert, towpath side; square cut on center of parapet wall (N. Y. 400).....	417. 881
Newark, on Lockville lock, No. 57, berme; square cut on east hollow quoin (N. Y. 401).....	430. 249
Newark, berme on Middle Lockville lock, No. 58; square cut on east hollow quoin (N. Y. 402).....	438. 553
Newark, berme on Upper Lockville lock, No. 59; square on east hollow quoin (N. Y. 403).....	446. 450
Newark, on Charles Street Bridge, No. 24, towpath side; square cut on east wing (N. Y. 404).....	447. 776
Newark, on Newark Baptist Church, corner Charles and Miller streets, in water table; aluminum tablet stamped "457 OSWGO".....	457. 570
Newark, on wastew weir, towpath side; square cut on middle parapet wall (N. Y. 405).....	445. 738

¹ Rept. State Engineer and Surveyor for 1901.

Newark, near, on Allerton's highway bridge, No. 26, towpath side; square cut on east wing (N. Y. 406).....	Feet. 449. 456
Newark, near, on Peck's highway bridge, No. 27, towpath side; square cut on west wing (N. Y. 407).....	448. 771
Port Gibson, near, on Swezey's farm bridge, No. 28, east wing, towpath side; circle cut on first course below coping (N. Y. 408).....	448. 773
Port Gibson, near, on Palmer's farm bridge, No. 29, towpath side; square cut on east wing (N. Y. 409).....	449. 156
Port Gibson, on Port Gibson Bridge, No. 30, towpath side; square cut on west wing (N. Y. 410).....	449. 049
Palmyra, near, on Galloway's highway bridge, No. 31, east wing, towpath side; square cut on lower step (N. Y. 411).....	449. 569
Palmyra, on Kent Street Bridge, No. 31½, berme, on west wing; square cut on second lower step (N. Y. 412).....	448. 941
Palmyra, berme of Railroad Avenue Bridge, No. 32; square cut on west wing (N. Y. 413).....	451. 202
Palmyra, on Church Street Bridge, No. 34, east wing, towpath side; square cut on lower step (N. Y. 414).....	447. 451
Palmyra, on change bridge, No. 35, east wing, towpath side; square cut on north side (N. Y. 415).....	448. 563
Palmyra, near, on Mud Creek Aqueduct, west wing, towpath side; square cut on buttress (N. Y. 416).....	446. 608

MACEDON QUADRANGLE.

Palmyra to Bushnell Basin.¹

Palmyra, near, on Crandell's highway bridge, No. 36, towpath side; square cut on east wing (N. Y. 417).....	449. 996
Macedon, near, on Clark's farm bridge, No. 37, east wing, towpath side; square cut on lower step (N. Y. 418)	450. 091
Macedon, berme of lock 60; square cut on middle hollow quoin (N. Y. 419).	456. 304
Macedon, berme of lock 61; square cut on middle hollow quoin (N. Y. 420).	463. 441
Macedon, near, on Frear's highway bridge, No. 41, towpath side; square cut on west wing (N. Y. 421).....	465. 759
Wayneport, on highway bridge, No. 42, towpath side; square cut on west wing (N. Y. 422).....	466. 357
Fairport, near, on Knappsville highway bridge, No. 43, towpath side; square cut on east wing (N. Y. 423).....	467. 459
Fairport, near, on Thomas Creek culvert, No. 26, towpath side; square cut on center parapet (N. Y. 424).....	461. 537
Fairport, near, on Baker's highway bridge, No. 44; towpath side; square cut on east wing (N. Y. 425).....	467. 493
Fairport, on wasteweiir, towpath side; square cut on middle parapet wall (N. Y. 426).....	466. 244
Fairport, near, on Fullman's basin bridge, No. 47, towpath side; square cut on east wing (N. Y. 427).....	465. 959
Fairport, near, on pipe culvert, No. 27, towpath side; square cut on middle parapet wall (N. Y. 428).....	456. 002
Fairport, near, on Wapping's highway bridge, No. 48, towpath side; square cut on east wing (N. Y. 429).....	464. 602
Fairport, near, berme on Wiltsie's highway bridge, No. 49; square cut on east wing (N. Y. 430).....	465. 944
Bushnell Basin, near, on stop gate, towpath side; square cut on east end recess coping (N. Y. 431).....	464. 620

¹ Rept. State Engineer and Surveyor for 1901.

Bushnell Basin, near, on Cartersville Bridge, No. 51, middle abutment, inner face, towpath side; "O" cut on fifth course below coping (N. Y. 433).....	Feet. 464.445
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ROCHESTER QUADRANGLE.

Pittsford to South Greece.¹

Pittsford, on Guernsey's bridge, No. 52, towpath abutment, fifth course below coping; "O" cut on projecting stone (N. Y. 434).....	465.852
Pittsford, on highway bridge, No. 53, towpath side; square cut on east wing (N. Y. 435).....	466.430
Pittsford, on Main Street Bridge, No. 54, middle towpath abutment, fifth course below coping; "O" cut on projecting stone (N. Y. 436).....	466.426
Pittsford, near, on Sutherland's highway bridge, No. 55, towpath side; square cut on east wing (N. Y. 437).....	466.276
Pittsford, near, on culvert 33, towpath side; square cut on middle parapet wall (N. Y. 438).....	454.484
Pittsford, near, on culvert 34, towpath side; square cut on middle parapet wall (N. Y. 439).....	451.067
Pittsford, near, on Cook's highway bridge, No. 56, towpath side; square cut on east wing (N. Y. 440).....	466.089
Pittsford, near, on berme of lock 62; square cut on middle hollow quoin (N. Y. 441).....	472.327
Brighton, near, on Weed's bridge, No. 57, towpath side; square cut on east wing (N. Y. 442).....	474.414
Brighton, near, on Billingham's bridge, No. 58, towpath side; square cut on east wing (N. Y. 443).....	475.969
Brighton, near, on Donely's bridge, No. 59, towpath side; square cut on east wing (N. Y. 444).....	475.891
Brighton, near, on Drake's bridge, No. 60, towpath side; square cut on east wing (N. Y. 445).....	475.822
Brighton, berme on Miller's lock, No. 63; square cut on middle hollow quoin (N. Y. 446).....	481.270
Brighton, berme on Sipple's lock, No. 64; point on middle hollow quoin (center stone), not marked (N. Y. 447).....	491.261
Rochester, near, berme on lock 65; square cut on middle hollow quoin (N. Y. 448).....	501.392
Rochester, on Culver Street Bridge, No. 62, towpath side; square cut on east wing (N. Y. 449).....	504.812
Rochester, berme on lock 66; square cut on middle hollow quoin (N. Y. 450).....	510.712
Rochester, on Goodman Street Bridge, No. 64, towpath side; square cut on east wing (N. Y. 451).....	513.618
Rochester, on Averill Avenue Bridge, No. 66, towpath side; square cut on east wing (N. Y. 452).....	513.470
Rochester, on weigh lock, east end pier; square cut near snubbing post (N. Y. 453).....	510.252
Rochester, on Ford Street Bridge, No. 78, east end towpath abutment; square cut on third step (N. Y. 454).....	513.005
Rochester, on Niagara Falls branch New York Central & Hudson River R. R. bridge, towpath side, east end; square cut on first step (N. Y. 455).....	512.237
Rochester, on Emerson Street Bridge, No. 85, towpath side; square cut on parapet wall on west end (N. Y. 456).....	514.409
Rochester, near, on Scott's bridge, No. 88, towpath side; square cut on east wing (N. Y. 458).....	513.497

¹ Rept. State Engineer and Surveyor for 1901.

Rochester, near, on Four Mile Grocery bridge, No. 89, towpath side; square cut on east wing (N. Y. 459).....	Feet. 514. 234
South Greece, near, on Spier's bridge, No. 90, towpath abutment, west wing face; chiseled square on corner of coping (N. Y. 460).....	513. 960
South Greece, near, on Douglass's farm bridge, No. 92, towpath abutment, west wing; chiseled square near face corner (N. Y. 461).....	512. 583
South Greece, on Findlay's bridge, No. 93, berme abutment, east wing; chiseled square near face corner (N. Y. 462).....	513. 131

BROCKPORT QUADRANGLE.**South Greece to Brockport.¹**

South Greece, near, on Cromwell's bridge, No. 95, towpath abutment, near center of coping stone; chiseled square on east wing (N. Y. 463).....	514. 511
Spencerport, near, on Hiscock's bridge, No. 96, towpath abutment, east wing; chiseled square near center of coping stone (N. Y. 464).....	513. 284
Spencerport, near, on Norman's farm bridge, No. 97, towpath abutment, west wing; painted square near center of coping stone (N. Y. 465).....	513. 454
Spencerport, on Amity Street Bridge, No. 99, towpath abutment, west wing; chiseled square near center bottom step (N. Y. 466).....	513. 701
Spencerport, near, on Webster's bridge, No. 101, towpath abutment, east wing; chiseled square on center of bottom step (N. Y. 468).....	513. 384
Spencerport, near, on Cressy's bridge, No. 102, towpath abutment; chiseled square on west wing (N. Y. 469).....	514. 307
Spencerport, on Adams's Basin Bridge, No. 103, towpath abutment; chiseled square on east wing (N. Y. 470).....	513. 895
Brockport, near, on Doty's bridge, No. 104, berme abutment, east wing; chiseled square on coping (N. Y. 471).....	515. 434
Brockport, near, culvert 55, towpath side; square cut on coping of parapet (N. Y. 472).....	509. 279
Brockport, near, on Brockway's bridge, No. 105, towpath abutment; chiseled square on west wing (N. Y. 473).....	512. 918
Brockport, near, on Cooley's Basin Bridge, No. 106, towpath abutment, east wing; chiseled square on third course (N. Y. 474).....	514. 532,
Brockport, on Smith Street Bridge, No. 109, towpath abutment, east wing; chiseled square on lower step (N. Y. 476).....	513. 504
Brockport, abutment on waste weir, east pier; chiseled square (N. Y. 477).....	511. 962
Brockport, near, on Danforth's bridge, No. 110, towpath abutment, east wing; chiseled square on coping (N. Y. 478).....	515. 823

ALBION QUADRANGLE.**Holley to Albion.¹**

Holley, near, on Miner's bridge, No. 111, east wing, towpath, chiseled square on offset (N. Y. 479).....	511. 675
Holley, near, on Orr's bridge, No. 113, west wing, towpath abutment; chiseled square (N. Y. 480).....	516. 513
Holley, on Main Street Bridge, No. 115, towpath abutment; red paint mark on east wing (N. Y. 481).....	515. 659
Holley, near, on Tuttle's bridge, No. 117, towpath abutment; chiseled square on east wing and red paint mark (N. Y. 482).....	516. 219
Hulberton, on bridge 119, towpath abutment; chiseled square on east wing (N. Y. 483).....	515. 992
Hulberton, near, on Brockville Bridge, No. 120, towpath abutment, chiseled square on east wing (N. Y. 484).....	515. 311

¹ Rept. State Engineer and Surveyor for 1901.

Hulberton, near, on Hindsburg Bridge, No. 121, towpath abutment; chiseled square and red paint mark on east wing (N. Y. 485).....	Feet. 516. 677
Albion, near, on Jacqueth's bridge, No. 123, towpath abutment; chiseled square and red paint mark on east wing (N. Y. 486).....	516. 954
Albion, near, on Brailey's bridge, No. 125, towpath abutment; chiseled square on west wing (N. Y. 487).....	515. 460
Albion, on Ingersoll Street Bridge, No. 127, towpath abutment, east wing; chiseled square on lower step (N. Y. 488).....	513. 548
Albion, near, on Lattin's bridge, No. 129, towpath abutment; chiseled square on west wing (N. Y. 489).....	516. 492
Albion, near, on Gaines Basin Bridge, No. 130, towpath abutment, west wing; chiseled square on lower step (N. Y. 490).....	514. 703

MEDINA QUADRANGLE.**Eagle Harbor to Middleport.¹**

Eagle Harbor, on Eagle Harbor Bridge, No. 131, towpath abutment, east wing; chiseled square on lower step (N. Y. 491).....	515. 708
Eagle Harbor, near, on Starkweather's farm bridge, No. 132, towpath, chiseled square on east wing (N. Y. 493).....	516. 866
Knowlesville, near, on Long's bridge, No. 134, towpath abutment, east wing; chiseled square on face corner (N. Y. 494).....	515. 691
Knowlesville, near, on dive culvert 91; square cut on towpath parapet (N. Y. 495).....	510. 622
Knowlesville, near, on Knowlesville Bridge, No. 135, west wing of towpath abutment; chiseled square on second lower step (N. Y. 496).....	516. 625
Knowlesville, near, on Knowlesville stop gate, east abutment, towpath side; chiseled square (N. Y. 497).....	513. 611
Medina, near, on Beal's bridge, towpath abutment; chiseled square on east wing (N. Y. 498).....	515. 162
Medina, near, on Hastings's bridge, No. 137, west wing of towpath abutment; chiseled square on corner coping (N. Y. 499).....	516. 464
Medina, on Holloway's bridge, No. 138, east wing of towpath abutment; square cut around anchor bolt (N. Y. 500).....	515. 861
Medina, on Medina Aqueduct, west abutment; chiseled square on north-west corner (N. Y. 501).....	513. 727
Medina, on Church Street Bridge, No. 139, east wing; square cut around anchor bolt on towpath abutment (N. Y. 502).....	515. 401
Medina, near, on old stop gate, red paint mark on east end of towpath abutment (N. Y. 504).....	514. 323
Medina, near, on dive culvert 100; square on towpath parapet (N. Y. 505).....	511. 557
Medina, near, on Jackson's bridge, No. 141, towpath abutment; chiseled square on west wing (N. Y. 506).....	516. 257
Medina, near, on Shelby Basin Bridge, No. 142, towpath abutment; chiseled square on east wing (N. Y. 507).....	517. 842
Middleport, near, on Gorman's bridge, No. 143, towpath abutment; chiseled square on east wing (N. Y. 508).....	517. 790
Middleport, near, on dive culvert 104; chiseled square on center of towpath parapet (N. Y. 509).....	511. 572
Middleport, on Main Street Bridge, No. 145, west wing of towpath abutment; chiseled square on lower step (N. Y. 510).....	515. 631
Middleport, near, on dive culvert 108, on towpath parapet; chiseled square on end of coping (N. Y. 511).....	508. 806

¹ Rept. State Engineer and Surveyor for 1901.

LOCKPORT QUADRANGLE.

Lockport to Wrights Corners.¹

Lockport, about 1 mile west of, lower course, south angle of west abutment of the more westerly of two subways under the New York Central & Hudson River R. R., at head of gulf; square cut on projection of stone at angle of abutment and wing wall.....	Feet. 590. 338
Lockport, about 2.5 miles northwest of, on stone road; square cut on north corner of water table of two-story red brick dwelling occupied by Mr. Pickles.....	400. 495
Lockport, at intersection of turnpike and Ewing road; square cut on west end of stone doorstep of red brick schoolhouse 13.....	372. 054
Wright's Corners, about 300 feet north of intersection of Lake Avenue and turnpike road, on two-story brick residence occupied by Mr. Boist, at northeast corner of house; square cut on stone water table.....	404. 335

Middleport to Pendleton.²

Middleport, near, on Watson's bridge, No. 147; chiseled square on west wing, towpath abutment (N. Y. 512).....	516. 612
Middleport, near, towpath abutment of Hurd's bridge, No. 148; chiseled square around anchor bolt on east wing (N. Y. 513).....	516. 775
Gasport, near, towpath abutment on Reynolds Basin Bridge, No. 149; chiseled square on east wing, lower step (N. Y. 514).....	516. 310
Gasport, on dive culvert 114; chiseled square on towpath parapet (N. Y. 515)	510. 434
Gasport, on dive culvert 115; chiseled square on towpath parapet (N. Y. 516).	509. 432
Gasport, near, towpath abutment of Orangeport Bridge, No. 152; chiseled square on west wing (N. Y. 517).....	516. 109
Gasport, near, on dive culvert 116; chiseled square on towpath parapet (N. Y. 518).....	508. 643
Gasport, near, on dive culvert 117; chiseled square on towpath parapet (N. Y. 519).....	506. 887
Gasport, near, towpath abutment of Millard's bridge, No. 153; paint mark on east wing (N. Y. 520).....	520. 708
Lockport, near, towpath abutment on coping of Wakeman's bridge, No. 154; paint mark on west wing (N. Y. 521).....	520. 530
Lockport, near, towpath abutment, west wing of Young's bridge, No. 155; paint mark on coping (N. Y. 522).....	521. 189
Lockport, towpath abutment of New York Central & Hudson River R. R. bridge (lower town branch); chiseled square on east end, rear corner (N. Y. 523).....	512. 943
Lockport, towpath abutment of Adams Street Bridge, No. 157; chiseled square on east wing, lower step (N. Y. 524).....	515. 533
Lockport, towpath abutment of Cady Street Bridge, No. 160; chiseled square on west wing, first lower step (N. Y. 525).....	516. 416
Lockport, on lock 67, towpath; chiseled square on first lower step (N. Y. 526).....	518. 823
Lockport, chiseled square on east berme, hollow quoin of lock 71 (N. Y. 527).....	570. 550
Lockport, near, 200 feet east of bridge 165; iron ringbolt at northeast corner of plank towpath bridge over horse hole (N. Y. 528).....	574. 972
Lockport, near, on stone wall; paint mark (N. Y. 529).....	577. 454

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.

Lockport, near, towpath abutment on Hawley's bridge, No. 167; chiseled square on west end of pier, on first course of stone (N. Y. 530).....	Feet. 574. 803
Pendleton, near, 1.5 miles east of, on east berme, hollow quoin of Sulphur Springs guard lock; chiseled square (N. Y. 531).....	581. 344
Pendleton, berme side of Pendleton change bridge, No. 169; on east wing; chiseled square, east end of lower step (N. Y. 532).....	575. 260
Pendleton, near, west abutment of highway bridge over Black Creek; chiseled square on northwest wing (N. Y. 533).....	575. 970

OLCOTT QUADRANGLE.**Olcott south to Newfane.¹**

Olcott, on north side of street, about 200 meters west of wagon bridge over Eighteen-mile Creek, southwest corner of a two-story brick building occupied as a general store, owned by C. D. Shaw; square cut on stone water table (D. W. 4).....	259. 245
Olcott, on top of hill west of Eighteen-mile Creek, 125 meters south of main road leading north from wagon bridge over creek, at southwest corner of a one-story schoolhouse built of concrete, walls covered with water-worn pebbles; square cut on stone water table (D. W. 5).....	286. 305
Olcott, north end of west abutment of a wagon bridge over Eighteen-mile Creek, 4 inches west and 1½ inches south of northeast corner; square cut on top of bridge seat stone.....	249. 851
Olcott, in front of Albright Hotel, on stone cap of foundation under west post of porch over carriageway; chiseled square cut on southeast corner of stone and marked "U. S.".....	273. 989
Olcott, at front entrance to the Albright Hotel, on large stone doorsill, 1½ inches back from front edge of stone and 3 inches east of west door jamb; small square cut on west side of entrance.....	275. 714
Olcott, at front entrance to the First Universalist Church, on east side of first north-south street east of Eighteen-mile Creek, about 250 meters south of south shore of Lake Ontario; square cut on front edge of south end of stone doorsill (D. W. 1).....	287. 306
Newfane, about 300 meters west of, south end of east abutment of the New York Central & Hudson River R. R. bridge over Eighteen-mile Creek; top of a square cut on southwest corner of first stone step above the bridge seat.....	314. 399
Coomer, near, 0.8 mile west of Eighteen-mile Creek, on north end of west abutment of New York Central & Hudson River R. R. bridge over Hopkins Creek; summit of a small square cut on top of stone.....	315. 994

Bench marks near Newfane.²

Newfane, 1.5 miles south of, in cemetery on east side of Lake Avenue, on Pettit lot monument, southeast corner; loop of capital P (U. S. G. S. b. m.).....	356. 895
Newfane, near iron highway bridge on crossroad over Eighteen-mile Creek, in northern portion of village; square cut on cut-stone bridge seat at north end of east abutment.....	305. 185
Newfane, about 2,700 feet north of, on west creek road; square cut on southwest corner of stone water table of brick schoolhouse (No. 10).....	330. 256

¹ Information furnished by U. S. Lake Survey.² Information furnished by Board on Deep Waterways.

TONAWANDA QUADRANGLE.

Ransomville along New York Central & Hudson River R. R. to Modeltown.¹

	Feet.
Ransomville, southwest corner of intersection of two main streets of village, northeast corner of brick building owned and occupied by W. H. H. Ransom & Son as a general store; top of brass bolt, leaded vertically in top of water table 20 inches west of northeast corner and marked "U. S.".....	327. 087
Ransomville, 100 meters east of station, on south end of west abutment of a plate-girder railway bridge on the New York Central & Hudson River R. R.; top of small square cut on third stone step from ground, about 6 inches below bridge seat.....	322. 998
Modeltown, 1,690 meters north of, 225 meters north of road crossing, on flange of rail set in ground 2 meters west of track, marking milepost 167 on the New York Central & Hudson River R. R.; top of a square cut on flange.....	328. 900
Modeltown, 200 meters south of railway station, in south face of fifth stone above ground in southeast corner of the Erie Preserving Co.'s warehouse; center of a brass bolt leaded horizontally 13 inches below platform in front of building.....	363. 630
Modeltown, 1,892 meters southwest of, just east of railroad crossing of main road east from Lewiston; square cut on stone coping at north end of box culvert on New York Central & Hudson River R. R.....	414. 023

La Salle southeast to Tonawanda.¹

La Salle, about 0.2 mile west of New York Central & Hudson River R. R. station, on main road along river front, at southeast corner of brick residence belonging to E. H. Smith; top of brass bolt leaded vertically in top of water table.....	580. 290
La Salle, just south of station, east abutment of the New York Central & Hudson River R. R. bridge over Cayuga Creek; top of a square cut on northwest corner of bridge seat stone (D. W., La Salle 1).....	571. 611
La Salle, near, 2,625 meters north of Niagara Falls & Buffalo Electric Ry. bridge over railroads and roadway, just inside southeast corner of small field near fence on west side of road along river front; top of 20-penny nail driven into south roof of an elm tree 28 inches in diameter.....	573. 231
La Salle, near, on right bank of Niagara River, on main road 510 meters below Niagara Falls & Buffalo Electric Ry. bridge over railroads and wagon road, on east front of brick schoolhouse in district 2; square cut on south end of stone water table (D. W., Wheatfield).....	576. 541
North Tonawanda, about 1 mile below city limits, between North Tonawanda and La Salle, trestle over roadway west of west pier of bridge carrying electric railway over New York Central & Hudson River R. R. and the Erie R. R.; top of a 1-inch anchor bolt in foundation stone of first iron trestle bent, marked with a chiseled cross (D. W., Crossing)....	572. 476
North Tonawanda, right bank of Niagara River, west side of Main Street, 2 meters south of entrance to old engine house of Tonawanda Iron & Steel Co.; top of a small square in northeast corner of large square cut in corner of stone water table (D. W., North Tonawanda 2).....	578. 822
North Tonawanda, on corner of Vandervoort and Robinson Streets, at most eastern entrance to the front of Ascension Church; top of a square cut on top of west end of granite doorsill (D. W., Tonawanda 1).....	579. 787
Tonawanda, on northeast surface stone of south abutment of the Tonawanda Dam; top of a high point between bolted iron bars in small square inside large square cut on top of stone (D. W., North Tonawanda 2).....	575. 146

¹ Information furnished by U. S. Lake Survey.

Tonawanda, on southeast corner of Broad and Seymour Streets, on west side of steeple of Christian Chapel; intersection of two cross marks cut in center of large square on top of stone water table (D. W., Tonawanda 1)	576. 214
Tonawanda, 1,200 meters south of bridge over Erie Canal on Main Street, west end of north abutment of bridge over State ditch on Main Street; top of a brass bolt leaded vertically in top of stone coping, marked "U. S. P. B. M."	575. 153
Tonawanda, 5 meters west of German Cemetery fence, 27 meters south of entrance to cemetery; square cut on top of stone cover of catch-basin on east side of Main Street.....	585. 924

Tonawanda to Pendleton.¹

Tonawanda, near, on west abutment of Cherry's bridge; square cut on second stone below coping, projecting back of the abutment.....	576. 345
Pendleton Center, near, at southwest corner of barrel-organ factory; square cut on stone water table.....	581. 491
Pendleton Center, on east side of highway, about 400 feet north of Erie R. R. station; square cut on top of light-colored gneiss or granite boulder about 3 feet in diameter.....	591. 151
Pendleton, west corner of brick house owned by H. S. Taylor, east of the church; square cut on corner of stone water table.....	620. 984

Bench mark near La Salle.

La Salle, near, northwest corner of cut-stone monument between tracks, monument numbered 16, about 600 feet west of Military Road where Cataract Construction Co.'s line branches southwest.....	606. 286
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Point near Pendleton to Tonawanda.²

Pendleton, near, towpath abutment of New Home Bridge, No. 173; chiseled square on west wing, corner, first lower step (N. Y. 534).....	576. 457
Pendleton, near, on face of abutment of Pickard's bridge, No. 174, towpath; chiseled square near west end (N. Y. 535).....	577. 416
Pendleton, near; chiseled square on northeast corner of Stone road culvert (N. Y. 536).....	575. 284
Tonawanda, near Bush's bridge, No. 175; painted square on face of towpath abutment (N. Y. 537).....	575. 646
Tonawanda, towpath abutment on Erie R. R. bridge; chiseled square on west wing, first lower step (N. Y. 538).....	579. 015
Tonawanda, towpath abutment of Bouck Street Bridge, No. 180; chiseled square on west wing (N. Y. 539).....	578. 632
Tonawanda, at Tonawanda change bridge, No. 182; chiseled square on towpath abutment, first coping stone (N. Y. 541).....	578. 469

NIAGARA FALLS QUADRANGLE.**Lewiston southeast to point 1 mile west of Lasalle.³**

Lewiston, at corner of Center and Ninth streets; square cut on northwest corner of stone sill of north door of west wing of old seminary building (D. W., Lewiston).....	401. 331
Lewiston Heights, 101 meters east of center of, on upper side of wagon road from Lewiston Heights station to Lewiston; center of brass bolt leaded horizontally in vertical face of rock, marked "U. S. P. B. M."	506. 404

¹ Information furnished by Board on Deep Waterways.² Rept. State Engineer and Surveyor for 1901.³ Information furnished by U. S. Lake Survey.

Lewiston Heights, 12 meters east of northeast corner of Lewiston Heights station, 3 meters north of center of track of the New York Central & Hudson River R. R., on top of retaining wall, on south side of wagon road; top of a small square cut on large stone.....	Feet. 530. 919
Lewiston Heights, near, approximately 30 feet in front of north pillar of Penjerrick gateway, on east side of Military Road, about 200 feet south of junction with river road; summit of a small square cut on rock at north end of small drain under railway (D. W., Lewiston Heights 1).....	600. 870
Niagara Falls, about 2 miles north of, 60 meters east of top of gorge of Niagara River, in west corner of main building of Niagara University; center of a brass bolt leaded horizontally into stone $4\frac{1}{2}$ inches east of corner and 20 inches above ground.....	589. 352
Niagara Falls, northwest corner of Suspension Bridge passenger station on New York Central & Hudson River R. R., 43 inches above platform and 6 inches south of northwest corner of building; center of a brass bolt leaded horizontally into center of seventh stone above water table.....	584. 376
Niagara Falls, on west line of Sugar Street, 65 meters south of New York Central & Hudson River R. R. track to Lockport, 426 meters north of Ontario Street; top of a small square cut in top of granite bowlder about the size of an oil barrel.....	603. 480
Niagara Falls, in gutter about 10 feet northwest of entrance to main building of the Niagara Falls power plant, 3 meters north of north door jamb, 1 meter out from building; copper bolt leaded in center of a stone $5\frac{1}{2}$ inches square in concrete with a small square cut on northwest corner.....	566. 547
Niagara Falls, west door on south side of Echota station of the New York Central & Hudson River R. R.; top of a small square in southeast corner of a larger square cut in west end of stone sill.....	572. 922
Niagara Falls, on sill of first window west of northeast corner of Niagara Falls Power Co.'s powerhouse, 7 inches west of east side of window on side of building facing Buffalo Avenue; top of brass bolt leaded vertically in east end of stone.....	571. 827
Lasalle, 1 mile west of, on north side of main river road, at southwest corner of brick schoolhouse in district 5; top of square cut on stone water table..	575. 264

Bench marks near Lewiston.¹

Lewiston, northeast corner of foundation of brick store owned by Eugene Murphy, on lot 252, on south side of Center Street, between Fourth and Fifth streets; square cut on water table.....	363. 346
Lewiston, 1.3 miles north of, just west of river road, about 1,600 feet north of residence of F. Hays; head of spike driven in bench cut on root of white oak tree 12 inches in diameter.....	325. 296
Lewiston, near, north abutment of trestle 2, on Gorge route over Fish Creek, about 5,600 feet south of New York Central & Hudson River R. R. station; square cut on top of southeast corner of fifth stone from west wing.....	284. 686

BUFFALO QUADRANGLE.

Pullman south to Buffalo.²

Pullman, on Military Road, 12 meters west of center of electric-car tracks, 180 meters north of large frame house on west side of road, opposite steel ball factory at Pullman station; top of a 20-penny nail driven into southeast root of elm tree 20 inches in diameter, standing farthest north in a line of five trees.....	604. 096
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¹ Information furnished by Board on Deep Waterways.² Information furnished by U. S. Lake Survey.

Buffalo, at city limit, on north side of Military Road, on street line 220 meters north of large saloon building; top of a square cut on top of large bowlder..	Feet. 603. 820
Buffalo, 73 meters west of Military Road and 145 meters south of Delaware, Lackawanna & Western R. R. tracks; top of a 20-penny wire nail driven into west root of an elm tree 13 inches in diameter.....	603. 603
Buffalo, northwest corner of intersection of Hertel Avenue and East Street, in front of St. John Baptist Church; highest point in a square cut on stone water table.....	592. 025
Buffalo, 600 meters below International Bridge over Erie Canal at Black Rock, in center of coping stone on towpath side of guard lock of Erie Canal, opposite hinge of upper gate, 7 meters below upper end of lock; highest point in a small square cut in southeast corner of larger square (said to be Board on Deep Waterways p. b. m. Guard Lock).....	576. 650
Buffalo, south end of east abutment of bridge 192 over Erie Canal on Bridge Street, or first bridge over Erie Canal below the International Bridge; top of a brass bolt leaded vertically into top of stone on bottom step....	580. 21
Buffalo, north end of east abutment of International Bridge over main channel of Niagara River; square cut on a projection of stone in fourth course of masonry below bridge seat, marked in white paint "U. S. B. M., 88" (D. W., International Bridge 2).....	582. 258
Buffalo, east abutment of International Bridge over Erie Canal; highest point in a square cut on projecting ledge of third stone from south, and fifth course below bridge seat (D. W.).....	579. 854
Buffalo, on river side of main building of pumping station of the Buffalo Waterworks; center of brass bolt leaded horizontally into stone window sill of center window, marked "U. S. P. B. M.".....	582. 804
Buffalo, northwest corner of fire-tug station at foot of Genesee Street, on lake front; top of knob cut on corner of stone water table, 2½ feet above the pavement.....	581. 836
Buffalo, on plinth of most northerly Buffalo lighthouse, south of United States pier and connected with the pier, in line with Erie Street; top of a high point on east corner and upper surface of plinth.....	590. 101

Tonawanda to Buffalo.¹

Tonawanda, near, towpath abutment of Three Mile Bridge, No. 183; chiseled square on east wing (N. Y. 542).....	578. 509
Tonawanda, near, rear of towpath abutment, second course below coping of Cherry's bridge, No. 184; chiseled square on west wing, marked with paint "U.S.B.M. 218" (N. Y. 543).....	576. 173
Tonawanda, near, towpath abutment of Spie's bridge, No. 185; chiseled square on east wing, painted "U.S.B.M. 216" (N. Y. 544).....	577. 231
Buffalo, near, towpath abutment of Scott's bridge, No. 186; chiseled square on west wing, painted "U.S.B.M." (N. Y. 545).....	578. 094
Buffalo, near, 0.97 mile east of International Bridge, on south side of west wing of change bridge, No. 187; chiseled square, painted "U.S.B.M. 9" (N. Y. 546).....	579. 476
Buffalo, near, International Bridge; chiseled square on face of towpath abutment, painted "U.S.B.M. 7" (N. Y. 548).....	579. 853
Buffalo, on Ferry Street Bridge, No. 194, towpath abutment; chiseled square on west wing, painted "U.S.B.M. 6" (N. Y. 549).....	581. 664
Buffalo, on Porter Avenue Bridge, No. 196; chiseled square on face of towpath abutment, bottom course, between fourth and fifth arch ribs (N. Y. 550).....	576. 266

¹ Rept. State Engineer and Surveyor for 1901.

Buffalo, on Hudson Street Bridge, No. 196½; towpath abutment; chiseled square on south wing, first lower step, painted "U.S.B.M. 211" (N. Y. 551).....	Feet. 581. 802
Buffalo, on Commercial Street Bridge, No. 204, towpath abutment; chiseled square on north wing, second lower step (N. Y. 552).....	579. 513

WILSON QUADRANGLE.**Bench marks near Wilson.¹**

Wilson, about 1.5 miles east of, in south root of poplar tree 2½ feet in diameter standing on fence line on north side of east-west road, at east end of hedgerow and at southwest corner of lawn in front of residence of Mr. H. Pease; top of 30-penny nail driven into root 2½ feet south of trunk of tree..	305. 839
Wilson, northwest corner of Exley Methodist Episcopal Church; center of brass bolt leaded horizontally on water table, marked "U.S.P.B.M."...	289. 812
Ransomville, 4 miles east of, 697 meters west of milepost 158, on south end of west abutment of a plate-girder railway bridge over east branch of Twelve-mile Creek, on New York Central & Hudson River R. R.; square cut in top of bridge seat and marked "U.S.".....	312. 569
Ransomville, 2,650 meters east of, 340 meters east of milepost 161, at edge of timber, on north end of west wall of open culvert on New York Central & Hudson River R. R.; square cut on stone on top of second step from top.....	320. 734

¹Information furnished by U. S. Lake Survey.

APPENDIX B.

SECONDARY ELEVATIONS.

Secondary elevations from records and topographic maps of the United States Geological Survey, including vertical angle bench marks, altitudes of well known summits, water surface elevations of prominent lakes, and other useful elevations are given below. These elevations are approximate only and should not be used for accurate work.

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Ackerman Pond, water surface.....	Newcomb.....	Essex.....	1,681
Aera Point.....	Durham.....	Greene.....	3,085
Adams.....	Sacketts Harbor.....	Jefferson.....	597
Adams Center.....	Sacketts Harbor.....	Jefferson.....	610
Adams Mountain.....	Santanoni.....	Essex.....	3,584
Adams triangulation station.....	Hoosick.....	Washington.....	1,520
Addison Junction.....	Ticonderoga.....	Essex.....	117
Adebahr triangulation station.....	Amsterdam.....	Montgomery.....	1,062
Afton Lake, water surface.....	Nineveh.....	Chenango.....	986
Alabama.....	Medina.....	Genesee.....	648
Alden.....	Attica.....	Erie.....	860
Alden.....	Depew.....	Erie.....	836
Alden Center.....	Depew.....	Erie.....	835
Alden Corners.....	Chautauqua.....	Chautauqua.....	1,654
Alden station.....	Attica.....	Erie.....	841
Alder Brook Mountains.....	Lyon Mountain.....	Franklin.....	2,604
Alder Lake, water surface.....	Margaretville.....	Ulster.....	2,612
Alexander.....	Attica.....	Genesee.....	2,282
Alexander.....	Batavia.....	Genesee.....	1,040
Alexander Pond, water surface.....	Nineveh.....	Broome.....	933
Alford Mountain.....	Santanoni.....	Franklin.....	1,710
Allen Lake, water surface.....	Richfield Springs.....	Otsego.....	2,630
Allen Mountain.....	Mount Marcy.....	Essex.....	1,621
Allens Hill.....	Honeoye.....	Ontario.....	4,345
Allis Hill triangulation station.....	Chittenango.....	Madison.....	1,016
Altona.....	Moers.....	Clinton.....	593
Amboy station.....	Baldwinsville.....	Onondaga.....	599
Amenia.....	Millbrook.....	Dutchess.....	404
Ames.....	Canajoharie.....	Montgomery.....	557
Amity.....	Goshen.....	Orange.....	717
Ampersand Lake, water surface.....	Santanoni.....	Franklin.....	503
Ampersand Mountain triangulation station.....	Santanoni.....	Franklin.....	1,875
Amsterdam Reservoir.....	Broadalbin.....	Saratoga.....	3,365
Angels Corner.....	Clyde.....	Wayne.....	867
Anskerada.....	Gloversville.....	Fulton.....	434
Anthony's Nose.....	Ticonderoga.....	Washington.....	1,553
Anthony's Nose.....	West Point.....	Westchester.....	1,048
Apalachin.....	Apalachin.....	Tioga.....	900
Apulia station.....	Tully.....	Onondaga.....	810
Arab Mountain triangulation station.....	Tupper Lake.....	St. Lawrence.....	1,242
Arena.....	Margaretville.....	Delaware.....	2,539
Arkville.....	Margaretville.....	Delaware.....	1,263
Arkwright.....	Cherry Creek.....	Chautauqua.....	1,367
Armor.....	Eden.....	Erie.....	1,632
Armstrong Mountain.....	Mount Marcy.....	Essex.....	824
Arnold Lake, water surface.....	Hartwick.....	Otsego.....	4,455
Ashland.....	Gilboa.....	Greene.....	1,774
Ashville.....	Chautauqua.....	Chautauqua.....	1,422
Attica Center.....	Batavia.....	Wyoming.....	1,324
Augur Lake.....	Ausable.....	Essex.....	1,543
	Willsboro.....	Essex.....	549

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Augusta.....	Morrisville.....	Oneida.....	956
Aurelius.....	Auburn.....	Cayuga.....	644
Ausable Forks.....	Ausable.....	Essex.....	551
Ava.....	Boonville.....	Oneida.....	1,370
Averill Peak triangulation station.....	Lyon Mountain.....	Clinton.....	3,810
Babcock Pond, water surface.....	Hoosick.....	Rensselaer.....	1,290
Bad Luck Mountain.....	Newcomb.....	Essex.....	2,171
Bailey Hill.....	Schroon Lake.....	Essex.....	3,115
Baker Hill.....	Macedon.....	Monroe.....	928
Baker Hill.....	Palmyra.....	Wayne.....	680
Baldface Mountain.....	Ausable.....	Essex.....	2,220
Baldface Mountain.....	Loon Lake.....	Franklin.....	2,860
Bald Head triangulation station.....	Luzerne.....	Warren.....	2,920
Bald Hill.....	Hobart.....	Schoharie.....	2,778
Bald Hill.....	Poughkeepsie.....	Dutchess.....	1,540
Bald Hill.....	Riverhead.....	Suffolk.....	302
Bald Knob.....	Port Henry.....	Essex.....	2,049
Bald Mountain.....	Ausable.....	Essex.....	2,139
Bald Mountain.....	Dryden.....	Tompkins.....	1,884
Bald Mountain.....	Hoosick.....	Rensselaer.....	2,693
Bald Mountain.....	Schuylerville.....	Washington.....	316
Bald Mountain.....	Tarrytown.....	Westchester.....	688
Bald Mountain triangulation station.....	Schuylerville.....	Washington.....	762
Bald Peak.....	Elizabethtown.....	Essex.....	3,007
Baldwinsville triangulation station.....	Baldwinsville.....	Onondaga.....	538
Balfour Pond, water surface.....	Newcomb.....	Essex.....	1,786
Ballston Lake, water surface.....	Schenectady.....	Schenectady.....	285
Ballston Spa.....	Saratoga.....	Saratoga.....	276
Balm of Gilead Mountain.....	Thirteenth Lake.....	Warren.....	2,450
Balsam Lake, water surface.....	Margaretville.....	Ulster.....	2,575
Balsam Mountain.....	Phoenicia.....	Greene.....	3,565
Balsam Mountain.....	Phoenicia.....	Ulster.....	3,590
Balsam Roundtop.....	Margaretville.....	Ulster.....	3,723
Bare Rock.....	West Point.....	Orange.....	1,165
Barnes Corners.....	Watertown.....	Lewis.....	1,412
Barnes Pinnacle.....	Loon Lake.....	Franklin.....	2,016
Barrum Pond, water surface.....	St. Regis.....	Franklin.....	1,651
Barrett Pond, water surface.....	Carmel.....	Putnam.....	779
Barrington.....	Penn Yan.....	Steuben.....	1,560
Bartlett Corners.....	Hamlin.....	Monroe.....	277
Bartlett Mountain.....	Luzerne.....	Warren.....	1,624
Bartlett Pond, water surface.....	Elizabethtown.....	Essex.....	1,200
Bartlett Ridge.....	Mount Marcy.....	Essex.....	3,880
Barto Hill triangulation station.....	Little Falls.....	Herkimer.....	1,652
Barton Hill.....	Elizabethtown.....	Essex.....	1,889
Basin Mountain.....	Mount Marcy.....	Essex.....	4,825
Bassett Mountain.....	Lake Placid.....	Essex.....	1,954
Batavia triangulation station.....	Medina.....	Genesee.....	956
Bates.....	Gilboa.....	Schoharie.....	1,236
Batten Kill, water surface at Greenwich.....	Cambridge.....	Washington.....	352
Baxter Mountain.....	Mount Marcy.....	Essex.....	2,400
Bay Pond, water surface.....	St. Regis.....	Franklin.....	1,545
Beadle triangulation station.....	Greene.....	Chenango.....	1,613
Bean Lake, water surface.....	McKeever.....	Herkimer.....	1,613
Bear Den Mountain.....	Mount Marcy.....	Essex.....	3,423
Bear Gulch Pond, water surface.....	Richmondville.....	Schoharie.....	2,100
Bear Hill.....	Lassellville.....	Fulton.....	1,268
Bear Mountain.....	Paradox Lake.....	Essex.....	1,656
Bear Mountain.....	Schunemunk.....	Orange.....	1,314
Bearpen Mountain.....	Gilboa.....	Greene.....	3,593
Bearpen Peak.....	Stony Creek.....	Warren.....	2,550
Bear Pond, water surface.....	Big Moose.....	Herkimer.....	2,044
Bear Pond, water surface.....	Tupper Lake.....	Hamilton.....	1,666
Bear Pond Mountain.....	Paradox Lake.....	Essex.....	1,867
Bear Swamp Pond, water surface.....	Richmondville.....	Otsego.....	2,032
Beaverdam Pond, water surface.....	Big Moose.....	Herkimer.....	1,746
Beaverdam Pond, water surface.....	Neversink.....	Sullivan.....	1,048
Beaver Lake, water surface.....	West Canada Lakes.....	Hamilton.....	1,834
Beaver Mountain.....	Newcomb.....	Essex.....	2,906
Beaver Ponds, water surface.....	Newcomb.....	Essex.....	1,674
Beaver River Flow, water surface.....	Big Moose.....	Herkimer.....	1,658
Beebe Hill.....	Pittsfield.....	Columbia.....	1,764
Beecher Lake, water surface.....	Margaretville.....	Ulster.....	2,760
Beech Hill.....	Schroon Hill.....	Essex.....	2,203
Beech Mountain.....	Bolton.....	Warren.....	2,052
Beech Ridge.....	Mount Marcy.....	Essex.....	2,532
Belfast.....	Angelica.....	Allegany.....	1,917
Belfry Hill.....	Elizabethtown.....	Essex.....	1,892
Belle Ayr Mountain.....	Margaretville.....	Ulster.....	3,406
Belle Ayr Mountain.....	Phoenicia.....	Ulster.....	3,350
Bellevue.....	Chautauqua.....	Chautauqua.....	1,323
Belleville.....	Sacketts Harbor.....	Jefferson.....	458

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Bellows Lake, water surface	Gloversville.	Fulton.	1,779
Bell Pond, water surface	Catskill.	Columbia.	222
Bellvale	Goshen	Orange.	653
Bellwood	Carthage	Lewis.	1,606
Bennett Hill.	Albany	Albany.	1,145
Bennett Lake, water surface	Stony Creek.	Hamilton.	1,169
Bennington	Attica	Wyoming.	1,207
Bennington Corpers	Attica	Wyoming.	1,372
Benson	Lake Pleasant.	Hamilton.	1,154
Benton	Penn Yan.	Yates.	838
Berlin Mountain	Berlin	Rensselaer.	2,804
Bernhard Bay	Chittenango.	Oswego.	414
Berry Hill triangulation station	Norwich	Chenango.	1,960
Besemer.	Dryden	Tompkins.	959
Bethany	Batavia	Genesee	1,177
Bettner Ponds, water surface	Tupper Lake	Hamilton.	1,803
Botts Hill	Delhi	Delaware.	2,130
Beulah	Brockport.	Monroe.	647
Big Alderbed Mountain	Piseco Lake.	Hamilton.	2,490
Big Bad Luck Pond, water surface	Newcomb.	Essex.	1,690
Big Brook	Boonville.	Oneida.	705
Big Burnt Lake, water surface	Big Moose	Herkimer.	1,656
Big Crooked Lake, water surface	Big Moose	Herkimer.	2,044
Big Crow Mountain	Ausable.	Essex.	2,820
Bigelow Mountain triangulation station	Willsboro.	Essex.	1,644
Big Indian	Phoenicia	Ulster.	1,215
Big Indian Mountain	Phoenicia	Ulster.	3,721
Big Lake, water surface	Tully	Cortland-Onondaga.	1,189
Big Moose Lake, water surface	Big Moose	Herkimer.	1,824
Big Pisgah Mountain	Newcomb.	Essex.	2,094
Big Pond, water surface	Margaretville.	Delaware.	2,010
Big Pond, water surface	Port Jervis	Orange.	1,320
Big Range	Indian Lake	Hamilton.	3,408
Big Range triangulation station	Thirteenth Lake	Hamilton.	3,310
Big Rock Lake, water surface	Piseco Lake.	Hamilton.	2,315
Bigsby Hill	Schroon Lake.	Essex.	2,100
Bigsby Pond, water surface	Schroon Lake.	Essex.	1,562
Big Slide Mountain	Mount Marcy.	Essex.	4,255
Binnewater	Rosendale.	Ulster.	206
Birch Hill triangulation station	Fort Ann.	Washington.	1,266
Birch Mountain	North Creek	Warren.	1,341
Black Bear Mountain triangulation station	Big Moose	Hamilton.	1,683
Blackbridge	Lake Pleasant	Hamilton.	2,448
Black Brook	Ausable.	Clinton.	1,052
Black Creek Lake, water surface	Wilmurt.	Herkimer.	1,009
Black Dome	Durham	Greene.	1,906
Blackhead	Durham	Greene.	3,990
Black Lake, water surface	Brier Hill.	St. Lawrence.	3,937
Black Mountain	Hammond		272
Black Mountain	Ausable.	Essex.	2,160
Black Mountain	Thirteenth Lake	Warren.	2,725
Black Mountain triangulation station	Bolton	Washington.	2,665
Black Pond, water surface	Poughkeepsie.	Dutchess.	704
Black Pond, water surface	St. Regis.	Franklin.	1,584
Black River	Theresa	Jefferson.	546
Bleecker Center	Gloversville.	Fulton.	1,376
Blockville	Chautauqua	Chautauqua.	1,399
Blodgett Hill	Albany	Albany.	1,165
Bloody Pond triangulation station	Greene	Cortland.	1,651
Bloomertown	Chautauqua	Chautauqua.	1,356
Bloomingburg	Ellenville	Sullivan.	516
Bloomingburg station	Ellenville	Sullivan.	755
Bloomingdale Hill	Troy	Rensselaer.	655
Blueberry Hill	Elizabethtown	Essex.	2,323
Blueberry Mountain	Long Lake.	Hamilton.	2,337
Blue Corners	Amsterdam	Saratoga.	758
Blue Hill	Neversink	Sullivan.	2,755
Blue Hill triangulation station	Catskill.	Columbia.	650
Blue Mountain Lake, water surface	Blue Mountain.	Hamilton.	1,789
Blue Mountain triangulation station	Blue Mountain.	Hamilton.	3,759
Blue Point	Fire Island.	Suffolk.	22
Blue Ridge	Blue Mountain.	Hamilton.	3,481
Blue Ridge	Paradox Lake.	Essex.	2,673
Blue Ridge	Raquette Lake.	Hamilton.	3,460
Blue Ridge (Cloud Cap triangulation station)	Indian Lake.	Hamilton.	3,865
Blue Ridge Mountain triangulation station	Lake Pleasant.	Hamilton.	2,865
Blue Store	Catskill.	Columbia.	186
Bluff Mountain	Ausable.	Essex.	2,956
Bobell Hill triangulation station	Oxford.	Chenango.	1,787
Bog Brook Reservoir	Carmel.	Putnam.	415
Bohemia	Setauket.	Suffolk.	67
Boice Hill triangulation station	Rhinebeck.	Dutchess.	749

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Boiceville.....	Slide Mountain.....	Ulster.....	609
Bonny Hill.....	Bath.....	Steuben.....	1,755
Bonticou Crag.....	Rosendale.....	Ulster.....	1,180
Boreas Mountain.....	Mount Marcy.....	Essex.....	3,600
Boreas Ponds, water surface.....	Mount Marcy.....	Essex.....	1,973
Borodino.....	Skaneateles.....	Onondaga.....	1,108
Bottle Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,814
Bovina Center.....	Delhi.....	Delaware.....	1,673
Bowerstown.....	Cooperstown.....	Otsego.....	1,327
Bowmansville.....	Depeu.....	Errie.....	700
Boyd Corners Reservoir, water surface.....	West Point.....	Putnam.....	593
Boynton triangulation station.....	Watertown.....	Jefferson.....	976
Bozard Hill.....	Olean.....	Cattaraugus.....	2,233
Bradley Brook Reservoir, water surface.....	Morrisville.....	Madison.....	1,428
Bradley Mountain.....	West Canada Lakes.....	Hamilton.....	3,179
Brainerd station.....	Kinderhook.....	Columbia.....	618
Braman Corners.....	Amsterdam.....	Schenectady.....	1,110
Bramley triangulation station.....	Delhi.....	Delaware.....	2,825
Brandreth Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,878
Brandy Lake, water surface.....	McKeever.....	Oneida.....	1,543
Brantingham Lake, water surface.....	Fort Leyden.....	Lewis.....	1,235
Brant Lake, surface of water.....	Bolton.....	Warren.....	801
Brasher Falls.....	Massena.....	St. Lawrence.....	290
Breeds Hill.....	Ticonderoga.....	Essex.....	839
Brewster Mountain.....	Carmel.....	Putnam.....	781
Bridgehampton.....	Sag Harbor.....	Suffolk.....	42
Bridge Hill.....	Rhinebeck.....	Dutchess.....	883
Bridgeport.....	Chittenango.....	Madison.....	394
Bridgeville.....	Monticello.....	Sullivan.....	1,157
Bridgewater.....	Winfield.....	Oneida.....	1,187
Brier Hill.....	Brier Hill.....	St. Lawrence.....	336
Brier Hill station.....	Brier Hill.....	St. Lawrence.....	283
Bristol.....	Canandaigua.....	Ontario.....	1,158
Bristol Springs.....	Naples.....	Ontario.....	1,210
Broadalbin Junction.....	Gloversville.....	Fulton.....	812
Broadhead.....	Rosendale.....	Ulster.....	503
Brockway Corners.....	Kasoag.....	Oneida.....	600
Brookdale.....	Massena.....	St. Lawrence.....	322
Brookfield.....	Sangerfield.....	Madison.....	1,381
Brooktrout Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,363
Brookvale.....	Binghamton.....	Broome.....	1,105
Brookville.....	Oyster Bay.....	Nassau.....	127
Broome Center.....	Gilboa.....	Schoharie.....	1,954
Broughton Ledge.....	Elizabethtown.....	Essex.....	1,963
Browns.....	Lake Placid.....	Essex.....	1,314
Browns Hills.....	Shelter Island.....	Suffolk.....	118
Browns Pond, water surface.....	Glens Falls.....	Warren.....	402
Brown Tract Ponds, water surface.....	Raquette Lake.....	Hamilton.....	1,768
Brownville.....	Macedon.....	Ontario.....	596
Bryants Mill.....	Loon Lake.....	Franklin.....	1,506
Bubb Lake, water surface.....	Big Moose.....	Herkimer.....	1,815
Buckbee Corner.....	Brockport.....	Monroe.....	563
Buckhorn Mountain.....	Thirteenth Lake.....	Hamilton.....	2,860
Buck Island.....	Lake Placid.....	Essex.....	2,188
Buck Mountain.....	Blue Mountain.....	Hamilton.....	2,670
Buck Mountain.....	Elizabethtown.....	Essex.....	2,255
Buck Mountain.....	Long Lake.....	Hamilton.....	2,683
Buck Mountain.....	Ticonderoga.....	Essex.....	1,558
Buck Mountain triangulation station.....	Bolton.....	Washington.....	2,334
Buck Mountain triangulation station.....	Stony Creek.....	Saratoga.....	2,706
Buck Pond, water surface.....	Loon Lake.....	Franklin.....	1,665
Bucktail Mountain.....	Luzerne.....	Warren.....	1,860
Buckwheat Hill.....	Berlin.....	Rensselaer.....	1,743
Buel.....	Canajoharie.....	Montgomery.....	725
Bug Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,990
Bullhead Pond, water surface.....	Macedon.....	Monroe.....	420
Bullhead Mountain.....	Thirteenth Lake.....	Warren.....	3,455
Bull Hill.....	West Point.....	Putnam.....	1,425
Bull Rock Mountain.....	Paradox Lake.....	Essex.....	1,844
Bumpus triangulation station.....	Medina.....	Genesee.....	738
Burden.....	Catskill.....	Columbia.....	220
Burlingham.....	Ellenville.....	Sullivan.....	400
Burnhams.....	Dunkirk.....	Chautauqua.....	1,314
Burnt Knob.....	Durham.....	Greene.....	3,160
Burnt Hope Lake.....	Monticello.....	Sullivan.....	1,231
Burnt Mountain.....	Blue Mountain.....	Hamilton.....	2,574
Burroll Corners.....	Little Falls.....	Herkimer.....	1,380
Bushnellsville.....	Phoenicia.....	Greene.....	1,437
Busti.....	Chautauqua.....	Chautauqua.....	1,408
Butler Center.....	Clyde.....	Wayne.....	475
Butler Pond, water surface.....	Glen Falls.....	Warren.....	1,020
Butterfield Lake, water surface.....	Alexandria Bay.....	Jefferson.....	276
Butterfly.....	Fulton.....	Oswego.....	410

Locality.	Quadrangle.	County.	Elevation. Feet.
Buttermilk Hill triangulation station.....	Tarrytown.....	Westchester.....	743
Byram Lake, water surface.....	Stamford.....	Westchester.....	445
Byron Corners.....	Highmarket.....	Lewis.....	1,662
Cafferty Hill triangulation station.....	Apalachin.....	Tioga.....	1,586
Cairo Round Top.....	Coxsackie.....	Greene.....	1,420
Calamity Mountain.....	Santanoni.....	Essex.....	3,641
Cambridge.....	Cambridge.....	Washington.....	471
Camelhump.....	Gloversville.....	Fulton.....	2,278
Camels Hump.....	Mount Marcy.....	Essex.....	2,785
Cameron Pond, water surface.....	Gloversville.....	Fulton.....	1,380
Camp Perkins.....	Indian Lake.....	Hamilton.....	1,695
Campville.....	Apalachin.....	Tioga.....	824
Canachagala Lake, water surface.....	Old Forge.....	Herkimer.....	2,155
Canada Hill.....	West Point.....	Putnam.....	842
Canada Lake, water surface.....	Lassellsville.....	Fulton.....	1,542
Canadarago Lake, water surface.....	Richfield Springs.....	Otsego.....	1,276
Canadice Lake, water surface.....	Winfield.....		
Canandaigua Lake, water surface.....	Wayland.....	Ontario.....	1,092
	Canandaigua.....	Ontario.....	
Canawaugus.....	Naples.....	Yates.....	686
Candor.....	Caledonia.....	Livingston.....	557
Carl triangulation station.....	Oswego.....	Tioga.....	892
Carlton station.....	Watertown.....	Lewis.....	1,530
Carlyon.....	Oak Orchard.....	Orleans.....	347
Caroline.....	Ridgeway.....	Orleans.....	332
Carterville.....	Dryden.....	Tompkins.....	1,278
Cary Pond, water surface.....	Kasoag.....	Oswego.....	569
Cascade Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,763
	Big Moose.....	Hamilton.....	1,815
Cascade Lakes, water surface.....	Mount Marcy.....	Essex.....	2,032
			2,039
Cascade Mountain.....	Mount Marcy.....	Essex.....	4,092
Cascade Pond, water surface.....	Blue Mountain.....	Hamilton.....	2,143
Casey Mountain.....	Newcomb.....	Essex.....	2,490
Cassadaga Upper Lake, water surface.....	Dunkirk.....	Chautauqua.....	1,306
Cass Hill.....	Albany.....	Albany.....	1,365
Cassville.....	Sangerfield.....	Oneida.....	1,241
Castile.....	Portage.....	Wyoming.....	1,289
Cathad Mountain.....	Lake Pleasant.....	Hamilton.....	2,427
Catlin Lake, water surface.....	Long Lake.....	Hamilton.....	1,597
		Essex.....	
Cat Mountain.....	Tupper Lake.....	Hamilton.....	2,324
Cat Mountain triangulation station.....	Bolton.....	Warren.....	1,954
Cat Pond, water surface.....	St. Regis.....	Franklin.....	1,557
Catamount.....	Loon Lake.....	Franklin.....	1,706
Catamount Hill.....	Schroon Lake.....	Warren.....	1,655
Catamount Mountain.....	Bolton.....	Warren.....	2,304
Catamount Mountain.....	Loon Lake.....	Franklin.....	2,485
Catamount triangulation station.....	Lake Placid.....	Franklin.....	3,168
Catskill.....	Catskill.....	Greene.....	97
Cave Mountain.....	Gilboa.....	Greene.....	3,035
Cayuga.....	Auburn.....	Cayuga.....	381
Cayuga Lake, water surface.....	Ithaca.....	Tompkins.....	
	Geneva.....	Seneca.....	381
Cayuta.....	Ithaca.....	Schuyler.....	1,114
Cayuta Lake, water surface.....	Ithaca.....	Schuyler.....	1,272
Cazenovia Lake, water surface.....	Cazenovia.....	Madison.....	1,190
Cedar Lakes, water surface.....	West Canada Lakes.....	Hamilton.....	2,437
Cedar Mountain.....	Newcomb.....	Essex.....	2,532
Cedar River Flow, water surface.....	Indian Lake.....	Hamilton.....	2,100
Cedarville.....	Winfield.....	Herkimer.....	1,219
	Indian Lake.....	Hamilton.....	3,402
Cellar Mountain.....	West Canada Lakes.....	Hamilton.....	3,474
Celoron.....	Chautauqua.....	Chautauqua.....	1,342
Centerfield.....	Canandaigua.....	Ontario.....	944
Center Lisle.....	Harford.....	Broome.....	1,094
Center Moriches.....	Moriches.....	Suffolk.....	31
Center Pond Mountain.....	Tupper Lake.....	St. Lawrence.....	2,469
Center Valley.....	Canajoharie.....	Otsego.....	1,645
Centerville.....	Angelica.....	Allegany.....	1,756
Central Bridge.....	Schoharie.....	Schoharie.....	621
Central Islip.....	Setauket.....	Suffolk.....	88
Central Park.....	Babylon.....	Nassau.....	103
Chadwicks.....	Oriskany.....	Oneida.....	717
Chain Lakes, first, water surface.....	Blue Mountain.....	Hamilton.....	1,595
Chain Lakes, third, water surface.....	Blue Mountain.....	Hamilton.....	1,598
Chain Lakes, third to seventh, inclusive, water surface.....	Newcomb.....	Essex.....	
		Hamilton.....	1,598
Chapel Corners.....	Genoa.....	Cayuga.....	804
Chapel Pond, water surface.....	Elizabethtown.....	Essex.....	1,602
Chapinville.....	Phelps.....	Ontario.....	700
Chappaqua.....	Tarrytown.....	Westchester.....	317

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Chappaqua Hill.....	Tarrytown.....	Westchester.....	739
Charley Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,690
Charley Pond, water surface.....	Tupper Lake.....	Hamilton.....	1,776
Charlotte Center.....	Cherry Creek.....	Chautauqua.....	1,530
Charlotte Lake, water surface.....	Copake.....	Columbia.....	651
Charlottetown.....	Richmondville.....	Schoharie.....	1,601
Chase.....	Cooperstown.....	Otsego.....	1,367
Chase Mountain.....	North Creek.....	Warren.....	1,647
Chases.....	Loon Lake.....	Franklin.....	1,759
Chaseville.....	Cooperstown.....	Otsego.....	1,276
Chaumont Bay, water surface.....	Cape Vincent.....	Jefferson.....	246
	Clayton.....		
Chautauqua Lake, water surface.....	Chautauqua.....	Chautauqua.....	1,308
	Dunkirk.....		
Chazy Lake, water surface.....	Lyons Mountain.....	Clinton.....	1,531
Chemung.....	Waverly.....	Chemung.....	848
Chenango Lake, water surface.....	New Berlin.....	Chenango.....	1,750
Cheney Cobble.....	Mount Marcy.....	Essex.....	3,673
Cheney Pond, water surface.....	Schroon Lake.....	Essex.....	1,720
Cherry Creek.....	Cherry Creek.....	Chautauqua.....	1,305
Cherry Ridge.....	North Creek.....	Warren.....	2,578
Cherry Valley.....	Richfield Spgs.....	Otsego.....	1,332
Cheshire.....	Canandaigua.....	Ontario.....	1,039
Cheshire triangulation station.....	Canandaigua.....	Ontario.....	1,201
Chestertown.....	North Creek.....	Warren.....	854
Chilson Lake, water surface.....	Paradox Lake.....	Essex.....	951
China Pond, water surface.....	Carmel.....	Putnam.....	770
Chittenango.....	Chittenango.....	Madison.....	457
Chrysler Pond, water surface.....	Copake.....	Columbia.....	576
Chub Pond, water surface.....	Big Moose.....	Hamilton.....	1,978
Chub Pond, water surface.....	McKeever.....	Chenango.....	1,595
Churchill Mountain.....	Hobart.....	Delaware.....	3,050
Cicero.....	Syracuse.....	Onondaga.....	396
Cicero Swamp (east).....	Syracuse.....	Onondaga.....	395
Cicero Swamp (west).....	Syracuse.....	Onondaga.....	365
Cincinnati.....	Pitcher.....	Cortland.....	1,046
Cincinnati Lake, water surface.....	Greene.....	Cortland.....	1,257
Circleville.....	Ellenville.....	Orange.....	622
Clap Mountain.....	Elizabethtown.....	Essex.....	1,606
Clark.....	Jamestown.....	Chautauqua.....	1,273
Clark Lake, water surface.....	Cambridge.....	Washington.....	470
Clark Mills.....	Oriskany.....	Oneida.....	519
Clark Mountain.....	Ausable.....	Essex.....	1,577
Clarksburg.....	Eden.....	Erie.....	905
Clarkson.....	Brockport.....	Monroe.....	427
Claverack.....	Copake.....	Columbia.....	209
Clear Lake, water surface.....	Alexandria Bay.....	Jefferson.....	354
Clear Lake, water surface.....	Big Moose.....	Herkimer.....	2,007
Clear Lake, water surface.....	Mount Marcy.....	Essex.....	2,155
Clear Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,720
Clear Pond, water surface.....	Mount Marcy.....	Essex.....	1,911
Clear Pond, water surface.....	Saranac.....	Franklin.....	1,610
Clear Pond, water surface.....	Saranac.....	Franklin.....	1,669
Clear Pond, water surface.....	Schroon Lake.....	Essex.....	1,911
Clements Mountain.....	Ausable.....	Essex.....	2,540
Clermont.....	Catskill.....	Columbia.....	226
Clifford.....	Fulton.....	Oswego.....	436
Clockville.....	Oneida.....	Oneida.....	683
Clove Mountain.....	Clove.....	Dutchess.....	1,403
Clymer Center.....	Clymer.....	Chautauqua.....	1,525
Clymer Hill.....	Clymer.....	Chautauqua.....	1,826
Coan Pond, water surface.....	Kasoag.....	Oswego.....	612
Cobb Hill.....	Rochester.....	Monroe.....	660
Cobble Hill.....	Elizabethtown.....	Essex.....	1,792
Cobble Hill.....	Lake Placid.....	Essex.....	2,330
Cobble Mountain.....	Cambridge.....	Washington.....	1,462
Cockburn.....	Catskill.....	Ulster.....	171
Cohocton.....	Bath.....	Steuben.....	1,294
Colburns.....	Chautauqua.....	Chautauqua.....	1,321
Colby Pond, water surface.....	Saranac.....	Franklin.....	1,554
Coleman Station.....	Millbrook.....	Dutchess.....	601
Collabar.....	Ellenville.....	Orange.....	594
College Hill.....	Poughkeepsie.....	Dutchess.....	365
Commack.....	Northport.....	Suffolk.....	132
Como Lake, water surface.....	Moravia.....	Cayuga.....	1,306
Conesus.....	Wayland.....	Livingston.....	1,197
Conesus Lake, water surface.....	Honeoye.....	Livingston.....	818
Conesus Lake, water surface.....	Wayland.....	Livingston.....	818
Conesville.....	Gilboa.....	Schoharie.....	1,383
Coney Mountain.....	Tupper Lake.....	St. Lawrence.....	2,297
Conklin.....	Binghamton.....	Broome.....	843
Constable Pond, water surface.....	Big Moose.....	Hamilton.....	1,907
Constantia Center.....	Kasoag.....	Oswego.....	577

Locality.	Quadrangle.	County.	Elevation. Fect.
Cooks Mountain.....	Ticonderoga.....	Essex.....	1,296
Cooks Reservoir.....	Broadalbin.....	Saratoga.....	1,391
Coon Mountain.....	Port Henry.....	Essex.....	1,009
Coopers Falls.....	Ogdensburg.....	St. Lawrence.....	336
Copake.....	Copake.....	Columbia.....	548
Copake Lake, water surface.....	Copake.....	Columbia.....	715
Copeland Pond.....	Glens Falls.....	Washington.....	447
Copper Lake, water surface.....	McKeever.....	Lewis.....	1,570
Corbin Hill.....	Clove.....	Dutchess.....	856
Coreys.....	Long Lake.....	Franklin.....	1,611
Corfu Station.....	Attica.....	Genesee.....	878
Cornell Mountain.....	Phoenicia.....	Ulster.....	3,906
Corner Mountain.....	Thirteenth Lake.....	Warren.....	2,340
Corner Pond, water surface.....	Long Lake.....	Hamilton.....	1,720
Cosad.....	Geneva.....	Seneca.....	528
Cossayuna Lake, water surface.....	Cambridge.....	Washington.....	495
Coss Corners.....	Bath.....	Steuben.....	1,782
Cottle Hill.....	Skaneateles.....	Cayuga.....	996
Couch triangulation station.....	Watkins.....	Schuyler.....	1,678
Countryman Hill.....	Albany.....	Albany.....	1,634
County Line Mountain.....	Thirteenth Lake.....	Hamilton.....	3,105
County Line station.....	Ridgeway.....	Warren.....	345
Coventry.....	Oxford.....	Orleans.....	1,663
Crains Mills.....	Cortland.....	Niagara.....	1,174
Cranberry Pond, water surface.....	Lake Placid.....	Chenango.....	1,630
Cranberry Pond, water surface.....	St. Regis.....	Cortland.....	1,547
Cranberry Pond, water surface.....	Schunemunk.....	Franklin.....	1,012
Crane Mountain triangulation station.....	North Creek.....	Orange.....	3,254
Crane Pond, water surface.....	Paradox Lake.....	Warren.....	1,091
Cranesville.....	Amsterdam.....	Essex.....	267
Crawford.....	Ellenville.....	Montgomery.....	649
Crippen Pond, water surface.....	Mexico.....	Ulster.....	396
Crittenden.....	Attica.....	Oswego.....	845
Cronomer Hill triangulation station.....	Newburg.....	Erie.....	728
Crooked Lake, water surface.....	Tully.....	Orange.....	1,193
Cross Pond, water surface.....	Stamford.....	Onondaga.....	521
Crotched Pond, water surface.....	Indian Lake.....	Westchester.....	1,819
Croton Lake, water surface.....	Carmel.....	Hamilton.....	168
Crow Hill.....	Tarrytown.....	Westchester.....	1,303
Crown Point.....	Oriskany.....	Oneida.....	126
Crows Nest.....	Ticonderoga.....	Essex.....	1,396
Crum Creek.....	West Point.....	Orange.....	763
Crumhorn Lake.....	Lassellsville.....	Fulton.....	1,827
Crystal Run.....	Cooperstown.....	Otsego.....	403
Crystal Lake, water surface.....	Goshen.....	Orange.....	376
Crystal Lake, water surface.....	Alexandria Bay.....	Jefferson.....	1,873
Crystal Lake, water surface.....	Blue Mountain.....	Hamilton.....	1,244
Cuba Hill.....	Lowville.....	Lewis.....	2,034
Cullen.....	Olean.....	Allegheny.....	1,436
Cunningham Hill.....	Richfield Springs.....	Herkimer.....	1,655
Cunningham Hill.....	Housatonic.....	Columbia-Berkshire.....	1,655
Cunningham Pond, water surface.....	Pittsfield.....	Columbia.....	831
Cutchogue.....	North Creek.....	Warren.....	31
Cutknife Mountain.....	Shelter Island.....	Suffolk.....	2,495
Cuyler.....	Lake Pleasant.....	Hamilton.....	1,227
Cuylerville.....	Pitcher.....	Cortland.....	630
	Caledonia.....	Livingston.....	1,367
Dalton.....	Nunda.....	Livingston.....	1,344
Danley Corners.....	Attica.....	Wyoming.....	2,212
Dannemora Mountain.....	Dannemora.....	Clinton.....	703
Dansville.....	Wayland.....	Steuben.....	1,024
Dansville station.....	Wayland.....	Steuben.....	993
Darien.....	Attica.....	Genesee.....	1,018
Darien Center.....	Attica.....	Genesee.....	1,762
Dart Lake, water surface.....	Big Moose.....	Herkimer.....	2,180
Davis Mountain.....	Indian Lake.....	Hamilton.....	833
Daws.....	Albion.....	Genesee.....	537
Dead Lake, water surface.....	Cambridge.....	Washington.....	827
Death Rock.....	Whitehall.....	Washington.....	3,305
Debar Mountain triangulation station.....	Loon Lake.....	Franklin.....	1,564
Debar Pond, water surface.....	Loon Lake.....	Franklin.....	1,626
Decatur.....	Richmondville.....	Otsego.....	23
Deep Pond, water surface.....	Moriches.....	Suffolk.....	431
Deerfield.....	Utica.....	Oneida.....	2,080
Deerfield Mountain.....	Ausable.....	Essex.....	2,373
Deer Lake, water surface.....	Old Forge.....	Hamilton.....	2,177
Deer Mountain.....	Elizabethtown.....	Essex.....	1,976
Deer Pond, water surface.....	Big Moose.....	Hamilton.....	1,620
Deer Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,666
Deer Pond, water surface.....	Long Lake.....	Essex.....	

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Deer Pond, water surface.....	St. Regis.....	Franklin.....	1,588
Defiance Mountain triangulation station.....	Ticonderoga.....	Essex.....	872
Delphi.....	Cazenovia.....	Onondaga.....	945
Demons Pond, water surface.....	Bath.....	Steuben.....	1,566
Dempster Corners.....	Lassellsville.....	Fulton.....	1,491
Denman Mountain triangulation station.....	Neversink.....	Sullivan.....	3,051
Denmark.....	Carthage.....	Lewis.....	974
Denning Hill.....	West Point.....	Putnam.....	1,045
Dennis Hill.....	Clove.....	Dutchess.....	1,365
Dennis Hill.....	Rhinebeck.....	Dutchess.....	503
Denver.....	Margaretville.....	Delaware.....	1,621
Derby.....	Eden.....	Erie.....	698
Deruyter.....	Cazenovia.....	Madison.....	1,284
Devereux triangulation station.....	Utica.....	Herkimer.....	833
Dewells Corners.....	Depew.....	Erie.....	866
Dexter Lake, water surface.....	Lassellsville.....	Fulton.....	1,693
Dial Mountain.....	Mount Marcy.....	Essex.....	4,023
Diamond Lake, water surface.....	Piseco Lake.....	Hamilton.....	2,052
Dickerson Hill triangulation station.....	West Point.....	Westchester.....	810
Dickersons Pond, water surface.....	West Point.....	Westchester.....	282
Dick Hill.....	Fort Ann.....	Washington.....	1,037
Dirgylot Hill.....	Schroon Lake.....	Essex.....	1,360
Discovery Mountain.....	Ausable.....	Essex.....	1,577
Dismal Pond, water surface.....	Big Moose.....	Herkimer.....	2,029
Dix Mountain.....	Mount Marcy.....	Essex.....	4,842
Dorloo.....	Richmondville.....	Schoharie.....	1,171
Doubletop Mountain.....	Margaretville.....	Ulster.....	3,905
Drain Pond, water surface.....	Loon Lake.....	Franklin.....	3,875
Drew Pond, water surface.....	Clove.....	Putnam.....	1,545
Dry Brook Ridge.....	Margaretville.....	Delaware.....	681
Dry Channel Pond, water surface.....	St. Regis.....	Franklin.....	3,510
Dryden Lake, water surface.....	Dryden.....	Franklin.....	1,628
Dryden triangulation station.....	Dryden.....	Tompkins.....	1,156
Duanesburg.....	Amsterdam.....	Tompkins.....	1,888
Duck Lake, water surface.....	Bath.....	Schenectady.....	731
Duck Lake, water surface.....	Long Lake.....	Steuben.....	1,294
Duck Pond, water surface.....	Loon Lake.....	Franklin.....	1,787
Dudley Pond, water surface.....	Paradox Lake.....	Franklin.....	1,042
Dug Mountain triangulation station.....	Indian Lake.....	Essex.....	940
Dugway.....	Mexico.....	Hamilton.....	3,262
Dun Brook Mountain.....	Blue Mountain.....	Oswego.....	514
Duncan Mountain.....	Lyon Mountain.....	Hamilton.....	3,565
Dundee.....	Ovid.....	Clinton-Franklin.....	2,728
Dunderberg.....	West Point.....	Yates.....	982
Durand Hill.....	Goshen.....	Rockland.....	865
Durandville.....	Goshen.....	Orange.....	850
Durant Mountain.....	Thirteenth Lake.....	Orange.....	411
Durland.....	Goshen.....	Warren.....	2,425
Dutch Flats.....	Attica.....	Orange.....	548
Dutch Hill.....	Tully.....	Wyoming.....	1,490
Dutton Mountain.....	Newcomb.....	Onondaga.....	1,887
		Essex.....	2,321
Eagle Eyrie.....	Lake Placid.....	Essex.....	2,656
Eagle Hill triangulation station.....	Chittenango.....	Onondaga.....	1,253
Eagle Lake, water surface.....	Blue Mountain.....	Hamilton.....	1,789
Eagle Mountain.....	Margaretville.....	Ulster.....	3,700
Earls.....	Attica.....	Wyoming.....	1,056
East Alexander.....	Batavia.....	Genesee.....	950
East Ashland.....	Gilboa.....	Greene.....	1,456
East Aurora.....	Depew.....	Erie.....	936
East Avon.....	Honeoye.....	Livingston.....	821
East Bennington.....	Attica.....	Wyoming.....	1,343
East Bethany.....	Batavia.....	Genesee.....	1,003
East Bouquet Mountain.....	Willsboro.....	Essex.....	1,219
East Branch Reservoir.....	Carmel.....	Putnam.....	415
East Caroga Lake, water surface.....	Gloversville.....	Fulton.....	1,450
East Chester.....	Goshen.....	Orange.....	485
East Eden.....	Eden.....	Erie.....	1,126
East Elma.....	Depew.....	Erie.....	825
East Florence.....	Taberg.....	Oneida.....	1,013
East Floyd.....	Boonville.....	Oneida.....	979
East Genoa.....	Genoa.....	Cayuga.....	1,094
East Greenwich.....	Cambridge.....	Washington.....	430
East Groveland.....	Nunda.....	Livingston.....	1,241
East Hamilton.....	Sangerfield.....	Madison.....	1,232
East Hamlin.....	Hamlin.....	Monroe.....	290
East Homer.....	Cortland.....	Cortland.....	1,132
East Ithaca.....	Dryden.....	Tompkins.....	872
East Lake, water surface.....	Lassellsville.....	Hamilton.....	1,652
East Lancaster.....	Depew.....	Erie.....	716
East Maine.....	Binghamton.....	Broome.....	1,487
Eastman Hill.....	Dryden.....	Tompkins.....	1,700

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
East Marion	Shelter Island	Suffolk	30
East Mountain	Slide Mountain	Ulster	2,271
East Norwich	Oyster Bay	Nassau	190
East Park	Rhinebeck	Dutchess	233
East Pembroke	Attica	Genesee	881
East Richford	Harford	Tioga	1,296
East Rushford	Angelica	Allegany	1,405
East Scott	Cortland	Cortland	1,321
East Seneca	Depew	Erie	716
East Shelby triangulation station	Medina	Orleans	670
East Venice	Genoa	Cayuga	1,125
East Virgil	Harford	Cortland	1,147
East X	Geneva	Ontario	479
Eaton Corners	Amsterdam	Schenectady	670
Eaton Hill triangulation station	Oneida	Madison	1,315
Eatonville	Little Falls	Herkimer	763
Ebenezer Mountain	Lake Placid	Essex	1,960
Echo Cliff	Piseco Lake	Hamilton	2,425
Echo Lake, water surface	Greene	Chenango	1,335
Echo Lake, water surface	Indian Lake	Hamilton	1,730
Echo Lake, water surface	Lake Pleasant	Sullivan	1,314
Echo Lake, water surface	Monticello	Orange	707
Echo Mountain	Schunemunk	Essex	2,270
Eddy	Santanoni	St. Lawrence	401
Edgecomb Pond, water surface	Canton	Warren	1,045
Edicks	Bolton	Herkimer	888
Edson Corners	Richfield Springs	Herkimer	1,507
Edwards triangulation station	Cooperstown	Otsego	681
Efner Lake, water surface	Medina	Orleans	1,170
Elba	Luzerne	Saratoga	761
Elbow Mountain	Albion	Genesee	1,784
Elbow Ponds, water surface	Lake Pleasant	Hamilton	1,600
Elbow Range	Loon Lake	Franklin	2,813
Elephant Mountain	Loon Lake	Franklin	1,954
Eleventh Mountain	Bolton	Washington	3,303
Elk Creek	Thirteenth Lake	Warren	1,320
Elk Lake, water surface	Cooperstown	Otsego	1,986
Ellis Mountain	Mount Marcy	Essex	1,773
Ellis Mountain	Ausable	Essex	2,093
Ellis Mountain	Lyon Mountain	Clinton	1,969
Ellis Mountain	Paradox Lake	Warren	1,711
Ellis triangulation station	Cortland	Cortland	1,344
Elmbois	Hammondsport	Steuben	1,728
Elm Lake, water surface	Indian Lake	Hamilton	2,613
Ely Mountain	Piseco Lake	Hamilton	2,024
Eminence	Richmondville	Schoharie	1,002
Emmonsburg	Lassellsville	Fulton	840
Endicott	Apalachin	Broome	1,464
Enfield triangulation station	Ithaca	Tompkins	1,296
Enos	Remsen	Oneida	2,533
Erebus Mountain	Bolton	Washington	1,504
Erieville Reservoir	Cazenovia	Madison	1,285
Erin	Waverly	Chemung	116
Esopus	Rhinebeck	Ulster	2,535
Estelle Mountain	Raquette Lake	Hamilton	4,270
Esther Mountain	Lake Placid	Essex	1,020
Etna	Dryden	Tompkins	3,531
Evergreen Mountain	Phoenicia	Greene	
Failing triangulation station	Canajoharie	Montgomery	821
Fairground	Northport	Suffolk	212
Fairoaks	Ellenville	Orange	641
Fairville	Palmyra	Wayne	430
Fallsburg	Monticello	Sullivan	1,179
Falls Lake, water surface	Big Moose	Herkimer	1,683
Fargo	Attica	Genesee	857
Farmington	Macedon	Ontario	558
Fawn Lake, water surface	Lake Pleasant	Hamilton	1,695
Fay Mountain	Ausable	Essex	2,312
Featherstone Lake, water surface	Amsterdam	Schenectady	1,322
Fenner	Cazenovia	Madison	1,543
Fern Lake, water surface	Ausable	Clinton	1,178
Fernwood	Mexico	Oswego	393
Ferris Lake, water surface	Piseco Lake	Hamilton	1,722
Ferrona	Ausable	Clinton	507
Fical Corners	Lassellsville	Fulton	1,379
Findley Lake, water surface	Clymer	Chautauqua	1,421
Fir Mountain	Phoenicia	Ulster	3,619
First Brother Mountain	Bolton	Warren	1,740
First Pond, water surface	Long Lake	Hamilton	1,693
Fish Creek	Highmarket	Lewis	1,610
Fish Hill	Whitehall	Washington	441
Fishing Brook Mountain	Blue Mountain	Hamilton	3,550

Locality.	Quadrangle.	County.	Elevation. Feet.
Fish Mountain triangulation station.....	Lake Pleasant.....	Hamilton.....	2,473
Fish Pond, water surface.....	Newcomb.....	Essex.....	2,149
Five Corners.....	Genoa.....	Cayuga.....	1,170
Five Corners.....	Oak Orchard.....	Orleans.....	492
Fivemile Mountain.....	Bolton.....	Warren.....	2,258
Flat Creek.....	Bilboa.....	Schoharie.....	1,720
Flatfish Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,788
Flatiron Rock triangulation station.....	Olean.....	Cattaraugus.....	2,387
Fleischmann Mountain.....	Margaretville.....	Delaware.....	2,944
Flemingsville.....	Apalachin.....	Tioga.....	898
Flint.....	Phelps.....	Ontario.....	820
Florence Hill.....	Kasoag.....	Oneida.....	1,073
Fly Pond, water surface.....	Richmondville.....	Schoharie.....	2,080
Fog Hill.....	Housatonic.....	Columbia.....	1,777
Follensby Clear Pond, water surface.....	Pittsfield.....	Franklin.....	1,572
Follensby Junior Pond, water surface.....	St. Regis.....	Franklin.....	1,566
Follensby Pond, water surface.....	Long Lake.....	Franklin.....	1,548
Fordway Mountain.....	Ausable.....	Essex.....	1,425
Forest Lake, water surface.....	Schunemunk.....	Orange.....	1,050
Forestmere Lakes, water surface.....	St. Regis.....	Franklin.....	1,583
Forest Pond, water surface.....	Copake.....	Columbia.....	849
Forestport.....	Remsen.....	Oneida.....	1,142
Forestport station.....	Remsen.....	Oneida.....	1,199
Forked Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,741
Fort Defiance Hill.....	West Point.....	Putnam.....	1,050
Fort Hill.....	Brockport.....	Genesee.....	667
Fort Hill.....	Goshen.....	Orange.....	643
Fortsville.....	Schuylerville.....	Saratoga.....	299
Four Corners.....	Goshen.....	Orange.....	421
Fowlerville.....	Caledonia.....	Livingston.....	640
Fox Hill.....	Broadalbin.....	Saratoga.....	1,566
Fox Hill.....	Clove.....	Dutchess.....	643
Fox Mountain.....	Raquette Lake.....	Hamilton.....	2,040
Frank Pond, water surface.....	Newcomb.....	Essex.....	1,694
Franks Corners.....	Harford.....	Cortland.....	1,228
Freetown Corners.....	Cortland.....	Cortland.....	1,332
Fremont Hill.....	Lake Placid.....	Franklin.....	1,859
French Creek.....	Clymer.....	Chautauqua.....	1,416
French Mountain.....	Glens Falls.....	Warren.....	1,522
French Mountain village.....	Glens Falls.....	Warren.....	548
Frenchs.....	Lake Placid.....	Franklin.....	1,664
Frensbury.....	Jamestown.....	Chautauqua.....	1,297
Friends Lake, water surface.....	North Creek.....	Warren.....	915
Fulton Chain Lakes, First Lake to Third Lake, inclusive, water surface.....	Old Forge.....	Herkimer.....	1,706
Fulton Chain Lakes, Fourth Lake, water surface.....	Big Moose.....	Herkimer.....	1,707
Fulton Chain, Fifth Lake, water surface.....	Old Forge.....	Hamilton.....	1,707
Fulton Chain, Sixth Lake, water surface.....	Old Forge.....	Hamilton.....	1,785
Fulton Chain, Eighth Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,788
Fultonham.....	Schoharie.....	Schoharie.....	703
Furlough Lake, water surface.....	Margaretville.....	Ulster.....	2,219
Gage.....	Penn Yan.....	Yates.....	862
Gage Mountain.....	North Creek.....	Warren.....	2,055
Gaines.....	Oak Orchard.....	Orleans.....	426
Gainesville.....	Portage.....	Wyoming.....	1,616
Gannett Hill triangulation station.....	Naples.....	Ontario.....	2,256
Gardnerville.....	Goshen.....	Orange.....	421
Garfield Mountain.....	Phoenicia.....	Ulster.....	2,532
Garoga.....	Lassellsville.....	Fulton.....	985
Gaskill.....	Apalachin.....	Tioga.....	1,032
Gayville.....	Mexico.....	Oswego.....	474
Genegantslet.....	Greene.....	Chenango.....	1,011
Genesee Valley Junction.....	Honeoye.....	Monroe.....	542
Genesee.....	Caledonia.....	Livingston.....	892
Genung.....	Albion.....	Orleans.....	700
Georgetown.....	Greene.....	Cortland.....	1,157
Georgia Mountain.....	Stony Creek.....	Warren.....	2,424
German.....	Greene.....	Chenango.....	1,605
Getzville.....	Tonawanda.....	Erie.....	580
Ghent.....	Kinderhook.....	Columbia.....	397
Giant Lodge.....	Phoenicia.....	Ulster.....	3,218
Giant Mountain.....	Elizabethtown.....	Essex.....	4,622
Gilman Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,673
Ginseng Mountain.....	Durham.....	Greene.....	3,790
G Lake, water surface.....	Piseco Lake.....	Hamilton.....	2,031
Glasgow Mills.....	Lassellsville.....	Fulton.....	1,588
Glen Aubrey.....	Harford.....	Broome.....	992
Glen Lake, water surface.....	Glens Falls.....	Warren.....	402
Glenmore Lake, water surface.....	Goshen.....	Orange.....	532
Glenmore.....	Taberg.....	Oneida.....	889

Locality.	Quadrangle.	County.	Elevation. Feet.
Glenville.....	Amsterdam.....	Schenectady.....	710
Glenville.....	Honeoye.....	Livingston.....	949
Glory Hill.....	Waverly.....	Chemung.....	1,571
Goodenow Mountain.....	Newcomb.....	Essex.....	2,693
Goodenow Pond, water surface.....	Newcomb.....	Essex.....	1,651
Good Ground.....	Riverhead.....	Suffolk.....	60
Goodyears.....	Genoa.....	Cayuga.....	931
Goose Pond Mountain.....	Goshen.....	Orange.....	1,100
Gore Mountain triangulation station.....	Thirteenth Lake.....	Warren.....	3,595
Goshen Reservoir.....	Goshen.....	Orange.....	543
Gospel Hill.....	Oxford.....	Chenango.....	1,728
Gothic Mountain.....	Mount Marcy.....	Essex.....	4,738
Graham Mountain.....	Margaretville.....	Ulster.....	3,890
Grahams Church.....	Ellenville.....	Orange.....	474
Grampus Lake, water surface.....	Long Lake.....	Hamilton.....	1,745
Granby Center.....	Fulton.....	Oswego.....	435
Grandview Hill.....	Troy.....	Rensselaer.....	420
Granger.....	Angelica.....	Allegany.....	1,944
Grant.....	Chautauqua.....	Chautauqua.....	1,435
Grant.....	Remsen.....	Herkimer.....	1,228
Grant Mills.....	Margaretville.....	Delaware.....	1,646
Grass Lake, water surface.....	Hammond.....	St. Lawrence.....	323
Grassy Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,628
Grays Millpond, water surface.....	Mexico.....	Oswego.....	423
Great River Station.....	Fire Island.....	Suffolk.....	30
Great Valley.....	Salamanca.....	Cattaraugus.....	1,460
Greece.....	Rochester.....	Monroe.....	432
Greene Mountain.....	Elizabethtown.....	Essex.....	3,928
Greene triangulation station.....	Watertown.....	Lewis.....	1,443
Greenfield.....	Ellenville.....	Ulster.....	898
Greenfield Center.....	Saratoga.....	Saratoga.....	686
Green Hill.....	Schroon Lake.....	Warren.....	2,227
Greenhurst.....	Chautauqua.....	Chautauqua.....	1,321
Green Lake, water surface.....	Tully.....	Onondaga.....	1,190
Greenlawn.....	Northport.....	Suffolk.....	226
Greenvale.....	Oyster Bay.....	Nassau.....	138
Greenwich Point.....	Hempsted.....	Nassau.....	42
Greigsville.....	Caledonia.....	Livingston.....	766
Griffith.....	Chautauqua.....	Chautauqua.....	1,319
Guideboard Hill.....	Lake Pleasant.....	Hamilton.....	2,225
Gulf Summit.....	Nineveh.....	Broome.....	1,374
Gulicksville.....	Penn Yan.....	Steuben.....	1,057
Gull Lake, water surface.....	McKeever.....	Herkimer.....	1,779
Gull Pond, water surface.....	Tupper Lake.....	Franklin.....	1,561
Gurnspring.....	Schuylerville.....	St. Lawrence.....	
Guymard Lake, water surface.....	Port Jervis.....	Saratoga.....	316
Guyot Hill.....	Rosendale.....	Orange.....	712
Guyunoga.....	Penn Yan.....	Ulster.....	1,260
		Yates.....	772
Hackenback Mountain.....	North Creek.....	Warren.....	1,370
Hall Corners.....	Genoa.....	Seneca.....	1,124
Hall Pond, water surface.....	St. Regis.....	Franklin.....	1,617
Halls Corners.....	Phelps.....	Ontario.....	881
Halstead.....	Copake.....	Columbia.....	608
Hamilton Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,850
Hamilton Mountain.....	Lake Pleasant.....	Hamilton.....	3,250
Hamlet.....	Cherry Creek.....	Chautauqua.....	1,399
Hamlin Corner.....	Canandaigua.....	Ontario.....	993
Hamlin Mountain.....	Lake Placid.....	Essex.....	2,122
Hammond Pond, water surface.....	Paradox Lake.....	Essex.....	984
Hamptonburg.....	Goshen.....	Orange.....	436
Hampton Hill.....	Whitehall.....	Washington.....	642
Handsome Pond, water surface.....	Long Lake.....	Hamilton.....	1,776
Hanks Pond, water surface.....	Big Moose.....	Herkimer.....	1,781
Harbor Hill.....	Oyster Bay.....	Nassau.....	391
Harpersfield.....	Hobart.....	Delaware.....	1,752
Harpurville.....	Nineveh.....	Broome.....	1,017
Harrington Mountain.....	Thirteenth Lake.....	Warren.....	2,350
Harrisburg Lake, water surface.....	Stony Creek.....	Warren.....	1,494
Harris Hill.....	Elizabethtown.....	Essex.....	2,190
Harris Hill.....	Depew.....	Erie.....	714
Harris Lake, water surface.....	Newcomb.....	Essex.....	1,552
Hartland.....	Lockport.....	Niagara.....	405
Hastings station.....	Mexico.....	Oswego.....	466
Hatch Hill.....	Whitehall.....	Washington.....	1,014
Hatch Lake, water surface.....	Morrisville.....	Madison.....	1,468
Hauppauge.....	Setauket.....	Suffolk.....	78
Haven.....	Monticello.....	Sullivan.....	531
Hawk Pond, water surface.....	Big Moose.....	Herkimer.....	2,113
Hayes Mountain.....	Schroon Lake.....	Essex.....	2,822
Haystack Mountain.....	Lyon Mountain.....	Clinton.....	1,928
Haystack Mountain.....	Ausable.....	Essex.....	1,338

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Haystack Mountain.....	Mount Marcy.....	Essex.....	4,918
Heath Mountain.....	North Creek.....	Warren.....	1,265
Hebron Mountain.....	Cambridge.....	Washington.....	1,057
Hector triangulation station.....	Watkins.....	Schuyler.....	1,800
Hedgehog Hill.....	Schroon Lake.....	Essex.....	1,623
Hedges Lake, water surface.....	Cambridge.....	Washington.....	535
Height of Land Mountain.....	Thirteenth Lake.....	Warren.....	3,050
Helldevil Dam.....	Lake Pleasant.....	Hamilton.....	2,281
Hellgate Ponds, water surface.....	McKeever.....	Herkimer.....	1,749 1,756
Hemlock.....	Honeoye.....	Livingston.....	922
Hemlock Church.....	Bath.....	Steuben.....	1,830
Hemlock Lake, water surface.....	Honeoye.....	Livingston.....	896
Hemlock Lake, water surface.....	Wayland.....	Ontario.....	
Hemlock Mountain.....	Monticello.....	Sullivan.....	1,290
Henderson Mountain.....	Phoenicia.....	Ulster.....	3,204
Henderson Pond, water surface.....	North Creek.....	Warren.....	2,045
Henrietta.....	Sacketts Harbor.....	Jefferson.....	310
Herron Hill.....	Rochester.....	Monroe.....	600
Hewitt Pond, water surface.....	Bath.....	Steuben.....	1,656
Hickory Lake, water surface.....	Schroon Lake.....	Essex.....	1,692
Higgins.....	Hammond.....	St. Lawrence.....	319
High Falls.....	Angelica.....	Allegany.....	1,515
High Knob.....	Rosendale.....	Ulster.....	210
Highland Lake, water surface.....	Gilboa.....	Schoharie.....	2,640
Highmarket.....	Goshen.....	Orange.....	790
High Nopit.....	Highmarket.....	Lewis.....	1,786
High Peak.....	Bolton.....	Warren.....	1,650
High Point.....	Kaaterskill.....	Greene.....	3,660
High Point.....	Ellenville.....	Ulster.....	2,246
High Pond, water surface.....	Slide Mountain.....	Ulster.....	3,075
High Tor triangulation station.....	Raquette Lake.....	Hamilton.....	1,785
Hillabrandt.....	Tarrytown.....	Rockland.....	832
Hillsboro.....	Lassellville.....	Fulton.....	1,571
Hillsdale.....	Kasong.....	Oneida.....	618
Himrod.....	Copake.....	Columbia.....	686
Hinckley.....	Ovid.....	Yates.....	783
Hinckley Lake, water surface.....	Remsen.....	Oneida.....	1,168
Hoffman Mountain.....	Wilmurt.....	Herkimer.....	1,374
Holbrook.....	Schroon Lake.....	Essex.....	3,715
Holcomb.....	Setauket.....	Suffolk.....	115
Holcomb Mountain.....	Canandaigua.....	Ontario.....	877
Hollenbeck Hill triangulation station.....	Elizabethtown.....	Essex.....	2,326
Hollowville.....	Troy.....	Rensselaer.....	638
Holmes Lake, water surface.....	Copake.....	Columbia.....	311
Holmesville.....	Gloversville.....	Fulton.....	1,844
Homer.....	New Berlin.....	Chenango.....	1,053
Honeoye Lake, water surface.....	Cortland.....	Cortland.....	1,146
Honey Hill.....	Honeoye.....	Ontario.....	800
Honk Lake, water surface.....	Wayland.....	Ontario.....	
Honnedaga Lake, water surface.....	Richmondville.....	Otsego.....	2,050
Hook Mountain.....	Slide Mountain.....	Ulster.....	572
Hooper.....	Old Forge.....	Herkimer.....	2,187
Hope Pond, water surface.....	Tarrytown.....	Rockland.....	730
Hornby triangulation station.....	Apalachin.....	Broome.....	834
Horseshoe Lake, water surface.....	Loon Lake.....	Franklin.....	1,712
Horseshoe Mountain.....	Watkins.....	Schuyler.....	2,045
Horseshoe Pond, water surface.....	Tupper Lake.....	St. Lawrence.....	1,723
Horseshoe Pond, water surface.....	Thirteenth Lake.....	Hamilton.....	2,848
Howard Mountain.....	Big Moose.....	Herkimer.....	2,067
Hoyt Corners.....	St. Regis.....	Franklin.....	1,574
Hubbard Hill.....	Schroon Lake.....	Essex.....	1,288
Hubbard Hill.....	Lyon Mountain.....	Franklin.....	1,978
Hubbardville.....	Ovid.....	Seneca.....	794
Hubert triangulation station.....	Gilboa.....	Schoharie.....	2,630
Huckleberry Hill.....	Owego.....	Tioga.....	1,044
Huckleberry Mountain.....	Owego.....	Tioga.....	877
	Cortland.....	Cortland.....	1,505
	Cambridge.....	Washington.....	1,380
	North Creek.....	Warren; Chester town- ship.....	1,352
Huckleberry Mountain.....	North Creek.....	Warren; Johnsburg township.....	2,441
Hume.....	Angelica.....	Allegany.....	1,281
Humphrey Center.....	Salamanca.....	Cattaraugus.....	1,663
Hungerford triangulation station.....	Dryden.....	Tompkins.....	1,280
Hunt Hill.....	Cazenovia.....	Madison.....	2,003
Hunter Mountain.....	Kaaterskill.....	Greene.....	4,025
Huntersfield Mountain.....	Gilboa.....	Greene.....	3,450
Huntersland.....	Schoharie.....	Schoharie.....	1,167
Huntley Pond, water surface.....	Newcomb.....	Essex.....	1,575
Hurricane Mountain.....	Elizabethtown.....	Essex.....	3,687
Huzzyhill.....	Rhinebeck.....	Ulster.....	933

Locality.	Quadrangle.	County.	Elevation.
			<i>Fect.</i>
Hyde Lake, water surface.....	Theresa.....	Jefferson.....	382
Hyde Park.....	Rhinebeck.....	Dutchess.....	187
Hydeville.....	Greene.....	Broome.....	1,304
Hyndsville.....	Richmondville.....	Schoharie.....	1,117
Ilion triangulation station.....	Utica.....	Herkimer.....	550
Independence Lake, water surface.....	Big Moose.....	Herkimer.....	1,934
Indian Head.....	Lake Pleasant.....	Hamilton.....	2,443
Indian Head Mountain.....	Kaaterskill.....	Greene.....	3,585
Indian Hill.....	Stamford.....	Westchester.....	677
Indian Lake, water surface.....	(Blue Mountain Indian Lake.....)	Hamilton.....	1,650
Indian Lake.....	Old Forge.....	Hamilton.....	2,144
Indian Mountain.....	Bolton.....	Warren.....	1,605
Ingham Mills station.....	Little Falls.....	Herkimer.....	604
Ingleside.....	Naples.....	Steuben.....	1,498
Inman.....	Loon Lake.....	Franklin.....	1,733
Ionia.....	Canandaigua.....	Ontario.....	894
Irish settlement.....	Lassellsville.....	Fulton.....	1,451
Irona.....	Mooers.....	Clinton.....	696
Irondequoit Bay, water surface.....	Rochester.....	Monroe.....	247
Iron Mountain.....	Elizabethtown.....	Essex.....	1,960
Iroquois.....	Eden.....	Erie.....	670
Irving Pond, water surface.....	Gloversville.....	Fulton.....	1,697
Island Pond, water surface.....	Schunemunk.....	Orange.....	967
Islip.....	Fire Island.....	Suffolk.....	19
Italy Hill.....	Penn Yan.....	Yates.....	1,606
Jabe Pond, water surface.....	Bolton.....	Warren.....	1,265
Jackson Summit.....	Gloversville.....	Fulton.....	1,254
Jackson triangulation station.....	Utica.....	Herkimer.....	1,420
Jaclyn Hill.....	Hobart.....	Delaware.....	2,370
Jakman Hill.....	Honeoye.....	Livingston.....	1,194
Jamesport.....	Riverhead.....	Suffolk.....	22
Jamison Road.....	Depew.....	Erie.....	886
Jaquins.....	Clymer.....	Chautauqua.....	1,472
Jay.....	Ausable.....	Essex.....	644
Jay Mountain.....	Ausable.....	Essex.....	3,601
Jeffers Mountain.....	Luzerne.....	Saratoga.....	1,405
Jefferson.....	Hobart.....	Schoharie.....	1,868
Jenkins Pond, water surface.....	Long Lake.....	Franklin.....	1,731
Jenksville.....	Harford.....	Tioga.....	1,038
Jerseyfield Lake, water surface.....	Wilmurt.....	(Hamilton Herkimer.....)	1,933
Jerseyfield Mountain.....	Piseco Lake.....	Herkimer.....	2,310
Jewett Hill.....	Moravia.....	Cayuga.....	1,448
Jewettville.....	Depew.....	Erie.....	851
Joe Gee Hill.....	Coshen.....	Orange.....	824
John Mack Pond, water surface.....	Indian Lake.....	Hamilton.....	1,746
Johnsburg.....	North Creek.....	Warren.....	1,295
Johnson triangulation station.....	Watertown.....	Jefferson.....	1,033
Jones Hill.....	Schroon Lake.....	Essex.....	1,920
Jones Lake, water surface.....	Old Forge.....	Hamilton.....	2,257
Jones Pond, water surface.....	Saranac.....	Franklin.....	1,652
Jordonville.....	Richfield Springs.....	Herkimer.....	1,499
Junction.....	Batavia.....	Genesee.....	951
Kaisertown.....	Ellenville.....	Orange.....	448
Kays Hill.....	Newcomb.....	Essex.....	2,135
Keene.....	Lake Placid.....	Essex.....	857
Keeney.....	Cazenovia.....	Cortland.....	1,208
Keeney Mountain.....	Ticonderoga.....	Essex.....	1,585
Kelley station.....	Amsterdam.....	Schenectady.....	484
Kelly Corners.....	Margaretville.....	Delaware.....	1,388
Kelm Mountain.....	North Creek.....	Warren.....	1,623
Kempshall Mountain triangulation station.....	Long Lake.....	Hamilton.....	3,360
Kennels Pond, water surface.....	Piseco Lake.....	Hamilton.....	1,753
Kensico Reservoir, water surface.....	Tarrytown.....	Westchester.....	250
Ketchumville.....	Harford.....	Tioga.....	1,251
Kettle Hill.....	Margaretville.....	Delaware.....	2,211
Kettle Mountain.....	Newcomb.....	Essex.....	1,950
Keuka Lake, water surface.....	(Hammondsport Penn Yan.....)	Steuben.....	709
Key Hill.....	Ithaca.....	Yates.....	
Kiamesha Lake, water surface.....	Monticello.....	Tompkins.....	1,550
Kibby Lake, water surface.....	Kasoag.....	Sullivan.....	1,385
Killawog.....	Harford.....	Oswego.....	472
Kinderhook Lake, water surface.....	Kinderhook.....	Broome.....	999
King Corners.....	Clymer.....	Columbia.....	288
Kings Corners.....	Ogdensburg.....	Chautauqua.....	1,811
Kings Park.....	Northport.....	St. Lawrence.....	346
Kipps.....	Goshen.....	Suffolk.....	173
Kirk Lake, water surface.....	West Point.....	Orange.....	390
		Putnam.....	683

Locality.	Quadrangle.	County.	Elevation.
			<i>Fect.</i>
Kirkville.....	Chittenango.....	Onondaga.....	434
Kirkville triangulation station.....	Chittenango.....	Onondaga.....	507
Kirkwood.....	Binghamton.....	Broome.....	882
Kitty Cobble.....	West Canada Lake.....	Hamilton.....	3,235
Klondike (Worth post office).....	Watertown.....	Jefferson.....	1,239
Knapp Hill.....	Lake Placid.....	Essex.....	2,328
Knappville.....	Lassellsville.....	Fulton.....	1,389
Knob Mountain.....	Paradox Lake.....	Essex.....	2,032
Knoblock Mountain.....	Elizabethtown.....	Essex.....	3,182
Kortright.....	Delhi.....	Delaware.....	1,776
Kumjamuk Mountain.....	Indian Lake.....	Hamilton.....	2,945
Labrador Pond, water surface.....	Tully.....	Onondaga.....	1,194
Lacona.....	Pulaski.....	Oswego.....	555
Lagrange.....	Batavia.....	Wyoming.....	1,318
Lagrange.....	Goshen.....	Orange.....	367
Lake Awosting, water surface.....	Ellenville.....	Ulster.....	1,867
Lake Champlain, water surface.....	Plattsburg.....	Essex.....	95
Lake Clear, water surface.....	Saint Regis.....	Franklin.....	1,610
Lake Colden, water surface.....	Mount Marcy.....	Essex.....	2,764
	(Buffalo.....)		
Lake Erie, water surface.....	Dunkirk.....	Erie-Chautauqua.....	573
	Silver Creek.....		
	Westfield.....		
	Bolton.....		
Lake George, water surface.....	Glen Falls.....	Essex-Warren.....	322
	Ticonderoga.....		
Lake Glenida, water surface.....	Carmel.....	Putnam.....	505
Lake Hammersley, water surface.....	Clove.....	Dutchess.....	815
Lake Kushaqu, water surface.....	Loon Lake.....	Franklin.....	1,665
Lake Kushaqu station.....	Loon Lake.....	Franklin.....	1,672
Lake Lauderdale, water surface.....	Cambridge.....	Washington.....	530
	(Big Moose.....)		
Lake Lila, water surface.....	Raquette Lake.....	Hamilton.....	1,714
Lake Luzerne, water surface.....	Luzerne.....	Warren.....	624
Lake Mahopac, water surface.....	Carmel.....	Putnam.....	660
Lake Marian, water surface.....	Tupper Lake.....	St. Lawrence.....	1,989
Lake Neatahwanta, water surface.....	Fulton.....	Oswego.....	363
Lake of the Woods, water surface.....	Hammond.....	Jefferson.....	329
Lake Ontario, water surface.....	Cape Vincent and 15 others.....	Jefferson.....	246
Lake Pleasant, water surface.....	Lake Pleasant.....	Hamilton.....	1,724
Lake Placid, water surface.....	Lake Placid.....	Essex.....	1,864
Lakeport.....	Chittenango.....	Madison.....	390
Lake Rondaxe, water surface.....	Big Moose.....	Herkimer.....	1,717
Lake Salubria, water surface.....	Bath.....	Steuben.....	1,088
Lakeside.....	Macedon.....	Wayne.....	365
Lakes Pond, water surface.....	Glen Falls.....	Washington.....	859
Lake Tonetta, water surface.....	Carmel.....	Putnam.....	444
Lake View.....	Eden.....	Erie.....	741
Lakeville.....	Greene.....	Chenango.....	1,289
Lakeville.....	Honeoye.....	Livingston.....	825
Lamoka Lake, water surface.....	Hammondsport.....	Schuyler.....	1,093
Lamont.....	Portage.....	Wyoming.....	1,531
Langford.....	Eden.....	Erie.....	1,295
Lansing.....	Fulton.....	Oswego.....	411
Lansingville.....	Genoa.....	Tompkins.....	1,042
Latham Pond, water surface.....	Long Lake.....	Essex.....	1,722
Lattintown.....	Newburg.....	Ulster.....	424
Lawrenceville.....	Catskill.....	Greene.....	385
Lawyersville.....	Richmondville.....	Schoharie.....	1,191
Learn triangulation station.....	Olean.....	Cattaraugus.....	2,275
Ledyard.....	Genoa.....	Cayuga.....	990
Lee.....	Taberg.....	Oneida.....	504
Lehigh.....	Attica.....	Genesee.....	893
Lens Lake, water surface.....	Stony Creek.....	Warren.....	1,837
Leonard Hill.....	Gilboa.....	Schoharie.....	2,611
Leraysville.....	Theresa.....	Jefferson.....	532
Levanua.....	Auburn.....	Cayuga.....	424
Levant.....	Jamestown.....	Chautauqua.....	1,251
Lewey Lake, water surface.....	Indian Lake.....	Hamilton.....	1,650
Lewey Mountain.....	Indian Lake.....	Hamilton.....	3,740
Lewis.....	Ausable.....	Essex.....	669
Lily Lake, water surface.....	Lassellsville.....	Fulton.....	1,542
Lilly Lakes, water surface.....	Binghamton.....	Broome.....	900
		Hamilton.....	
Limekiln Lake, water surface.....	Old Forge.....	Herkimer.....	1,890
Limekiln Mountain.....	Ausable.....	Essex.....	2,925
Lincoln.....	Macedon.....	Wayne.....	503
Lincoln Pond, water surface.....	Elizabethtown.....	Essex.....	1,050
Lindsley Corners.....	Gloversville.....	Fulton.....	1,472
Linwood.....	Caledonia.....	Livingston.....	934

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Lisle.....	Harford.....	Broome.....	974
Lithgow.....	Millbrook.....	Dutchess.....	856
Little Bad Luck Pond, water surface.....	Newcomb.....	Essex.....	1,651
Little Clear Pond, water surface.....	St. Regis.....	Franklin.....	1,594
Little Crow Mountain.....	Ausable.....	Essex.....	2,697
Little Far Mountain.....	Elizabethtown.....	Essex.....	1,750
Little Forked Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,741
Little Lake, water surface.....	Hammondsport.....	Schuyler.....	1,096
Little Moose Lake, water surface.....	Old Forge.....	Herkimer.....	1,788
Little Moose Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,109
Little Moose Mountain triangulation station.....	West Canada Lakes.....	Hamilton.....	3,630
Little Mountain.....	North Creek.....	Warren.....	2,438
Little Pisgah Mountain.....	Newcomb.....	Essex.....	2,022
Little Pond, water surface.....	Clove.....	Dutchess.....	901
Little Raven Hill.....	Elizabethtown.....	Essex.....	1,400
Little Rock Pond, water surface.....	Big Moose.....	Herkimer.....	1,764
Little Rogers Pond, water surface.....	Schroon Lake.....	Essex.....	1,267
Little Safford Lake, water surface.....	Big Moose.....	Herkimer.....	1,737
Little Salmon Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,759
Little Simon Pond, water surface.....	Long Lake.....	Franklin.....	1,788
Little Tor.....	Tarrytown.....	Westchester.....	710
Little Tupper Lake, water surface.....	Tupper Lake.....	Hamilton.....	1,718
Little Wolf Pond, water surface.....	St. Regis.....	Franklin.....	1,542
Little Woodhull Lake, water surface.....	Old Forge.....	Herkimer.....	1,835
Little York.....	Goshen.....	Orange.....	403
Livingston.....	Catskill.....	Columbia.....	198
Livingston Lake, water surface.....	Stony Creek.....	Saratoga.....	1,863
Lloyd Hill triangulation station.....	Rhinebeck.....	Dutchess.....	606
Lockport Junction.....	Tonawanda.....	Niagara.....	624
Lodi.....	Ovid.....	Seneca.....	1,045
Lodi Center.....	Ovid.....	Seneca.....	1,284
Lonesome Pond, water surface.....	Saranac.....	Franklin.....	1,527
Long Lake, water surface.....	Blue Mountain.....	Hamilton.....	1,629
Long Lake, water surface.....	Long Lake.....	Hamilton.....	1,630
Long Lake, water surface.....	McKeever.....	Oneida.....	1,467
Long Lake, water surface.....	Piseco Lake.....	Hamilton.....	2,183
Long Pond, water surface.....	Blue Mountain.....	Essex.....	1,596
Long Pond, water surface.....	Carmel.....	Putnam.....	650
Long Pond, water surface.....	Copake.....	Columbia.....	501
Long Pond, water surface.....	Greene.....	Chenango.....	1,234
Long Pond, water surface.....	Hoosick.....	Rensselaer.....	1,499
Long Pond, water surface.....	Indian Lake.....	Hamilton.....	1,864
Long Pond, water surface.....	Kasoag.....	Oswego.....	647
Long Pond, water surface.....	Long Lake.....	Franklin.....	1,973
Long Pond, water surface.....	Rhinebeck.....	Dutchess.....	345
Long Pond, water surface.....	St. Regis.....	Franklin.....	1,614
Long Pond, water surface.....	Schunemunk.....	Orange.....	707
Long Pond, water surface.....	Tupper Lake.....	St. Lawrence.....	1,683
Long Pond, water surface.....	Willsboro.....	Essex.....	580
Longwood.....	Attica.....	Genesee.....	882
Lookout Mountain.....	Lake Pleasant.....	Hamilton.....	2,204
Lookout Mountain triangulation station.....	Loon Lake.....	Franklin.....	2,714
Loon Pond, water surface.....	Tupper Lake.....	Hamilton.....	1,915
Looneyville.....	Depew.....	Erie.....	780
Looneyville station.....	Depew.....	Erie.....	763
Loon Lake, water surface.....	Big Moose.....	Herkimer.....	1,674
Loon Lake, water surface.....	Loon Lake.....	Franklin.....	1,712
Loon Lake, water surface.....	North Creek.....	Warren.....	866
Loon Lake Mountains.....	Loon Lake.....	Franklin.....	3,355
Loon Lake station.....	Loon Lake.....	Franklin.....	1,733
Lorena.....	Boonville.....	Oneida.....	503
Lorraine.....	Watertown.....	Jefferson.....	988
Lotville.....	Lassellsville.....	Fulton.....	1,139
Loucks Pond, water surface.....	Bath.....	Steuben.....	1,654
Loughberry Lake, water surface.....	Saratoga.....	Saratoga.....	283
Louisville.....	Waddington.....	St. Lawrence.....	217
Lower Ausable Lake, water surface.....	Mount Marcy.....	Essex.....	1,961
Lower Pond, water surface.....	Long Lake.....	Hamilton.....	1,778
Lowville.....	Carthage.....	Lewis.....	870
Ludlow Pond, water surface.....	Oxford.....	Chenango.....	1,447
Lutheranville.....	Richmondville.....	Schoharie.....	1,896
Lykers.....	Fonda.....	Montgomery.....	1,040
Lyndonville.....	Ridgeway.....	Orleans.....	328
Lynn Church.....	Bath.....	Steuben.....	1,545
Lyon Mountain triangulation station.....	Lyon Mountain.....	Clinton.....	3,830
Lyons Falls.....	Port Leyden.....	Lewis.....	843
Lyonsville Pond, water surface.....	Rosendale.....	Ulster.....	663
Lysander.....	Baldwinsville.....	Onondaga.....	416
McComb Mountain.....	Mount Marcy.....	Essex.....	4,425
McConnellsville.....	Taberg.....	Oneida.....	487
McDonough triangulation station.....	Greene.....	Chenango.....	1,698

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Macedon.....	Macedon.....	Wayne.....	447
Macedon Center.....	Macedon.....	Wayne.....	554
Macedon station.....	Macedon.....	Wayne.....	466
McGinn Hill triangulation station.....	Newcomb.....	Hamilton.....	2,065
McGraw.....	Cortland.....	Cortland.....	1,150
McGregor Mountain.....	Hobart.....	Delaware.....	3,253
MacIntyre Mountain.....	Mount Marcy.....	Essex.....	5,112
McKee Reservoir, water surface.....	Monticello.....	Sullivan.....	1,520
McKenzie Mountain triangulation station.....	Saranac.....	Essex.....	3,872
McKenzie Pond, water surface.....	Saranac.....	Essex.....	1,057
Mackey.....	Gilboa.....	Schoharie.....	1,942
McMillen Corners.....	Canandaigua.....	Ontario.....	842
McNalls.....	Lockport.....	Niagara.....	656
MacNaughton Mountain.....	Santanoni.....	Essex.....	3,976
Madalin.....	Catskill.....	Dutchess.....	152
Madison Reservoir, water surface.....	Morrisville.....	Ontario.....	1,211
Madrid Springs.....	Canton.....	St. Lawrence.....	302
Mahopac Lake, water surface.....	West Point.....	Putnam.....	660
Malcolm.....	Clyde.....	Seneca.....	502
Mallory station.....	Mexico.....	Oswego.....	444
Manlius station.....	Syracuse.....	Onondaga.....	416
Manningville.....	Harford.....	Broome.....	1,053
Mannsville.....	Pulaski.....	Jefferson.....	563
Mannsville triangulation station.....	Pulaski.....	Jefferson.....	722
Manny Corners.....	Amsterdam.....	Montgomery.....	375
Manorkill Falls.....	Gilboa.....	Schoharie.....	1,216
Manorton.....	Catskill.....	Columbia.....	245
Manorville.....	Moriches.....	Suffolk.....	46
Mapes Corners.....	Goshen.....	Orange.....	452
Maple Hill.....	Waverly.....	Chemung.....	1,569
Maple Springs.....	Chautauqua.....	Chautauqua.....	1,325
Mapletown triangulation station.....	Canajoharie.....	Montgomery.....	1,213
Maratanza Lake, water surface.....	Ellenville.....	Ulster.....	2,233
Marble Mountain.....	Lake Placid.....	Essex.....	2,725
Marengo.....	Clyde.....	Wayne.....	422
Margaretville.....	Margaretville.....	Delaware.....	1,325
Mariaville Pond, water surface.....	Amsterdam.....	Schenectady.....	1,298
Marilla.....	Depew.....	Erie.....	844
Marion Hill.....	Fort Ann.....	Washington.....	821
Marks.....	Clymer.....	Chautauqua.....	1,464
Marshville.....	Canajoharie.....	Montgomery.....	671
Martindale.....	Copake.....	Columbia.....	639
Martin Lake, water surface.....	Port Jervis.....	Orange.....	438
Martville.....	Oswego.....	Oswego.....	367
Marvin.....	Clymer.....	Chautauqua.....	1,457
Mason Hill.....	Stony Creek.....	Hamilton.....	1,770
Mason Lake, water surface.....	Indian Lake.....	Hamilton.....	1,793
Massena.....	Massena.....	St. Lawrence.....	207
Mastens Lake, water surface.....	Monticello.....	Sullivan.....	1,563
Mattituck Hills.....	Shelter Island.....	Suffolk.....	178
Maybrook.....	Schunemunk.....	Orange.....	396
Mayfield.....	Gloversville.....	Fulton.....	867
Mays Pond, water surface.....	Big Moose.....	Hamilton.....	1,894
Mayville.....	Clymer.....	Chautauqua.....	1,339
Mechanicstown.....	Goshen.....	Orange.....	482
Meco Lake, water surface.....	Lake Pleasant.....	Hamilton.....	2,107
Melville.....	Northport.....	Suffolk.....	129
Memphis.....	Baldwinsville.....	Onondaga.....	408
Mendon Pond, water surface.....	Rochester.....	Monroe.....	662
Meredith.....	Delhi.....	Delaware.....	2,190
Meridian.....	Weedsport.....	Cayuga.....	452
Merrifield.....	Auburn.....	Cayuga.....	1,055
Merry triangulation station.....	Utica.....	Herkimer.....	1,328
Mertensia.....	Canandaigua.....	Ontario.....	665
Messengerville.....	Harford.....	Cortland.....	1,055
Metcalf Lake, water surface.....	Piseco Lake.....	Hamilton.....	2,378
Middle Branch Reservoir.....	Carmel.....	Putnam.....	372
Middlefield Center.....	Richfield Springs.....	Otsego.....	1,659
Middlegrove.....	Saratoga.....	Saratoga.....	548
Middle Lake, water surface.....	Stony Creek.....	Hamilton.....	1,504
Middle Mountain.....	Bolton.....	Warren.....	1,873
Millford Center.....	Cooperstown.....	Otsego.....	1,200
Millbrook.....	Millbrook.....	Dutchess.....	565
Mill Brook Ridge.....	Margaretville.....	Ulster.....	3,380
Mill Creek Pond, water surface.....	Thirteenth Lake.....	Warren.....	1,457
Miller Pond, water surface.....	Copake.....	Columbia.....	516
Millers Mills.....	Winfield.....	Herkimer.....	1,343
Millersport.....	Lockport.....	Erie.....	582
Mill Grove.....	Depew.....	Erie.....	777
Mill Pond, water surface.....	Hoosick.....	Rensselaer.....	1,473
Millsite Lake, water surface.....	Alexandria Bay.....	Jefferson.....	301
Millwood.....	Tarrytown.....	Westchester.....	345
Milo.....	Ovid.....	Yates.....	853

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Mina.....	Clymer.....	Chautauqua.....	1,600
Minaville.....	Amsterdam.....	Montgomery.....	610
Mine Hill.....	Hobart.....	Schoharie.....	2,820
Mink Pond, water surface.....	Newcomb.....	Essex.....	1,670
Minnewaska Lake, water surface.....	Newburg.....	Orange.....	1,650
Minnow Pond.....	Blue Mountain.....	Hamilton.....	2,006
Mitchellsville.....	Bath.....	Steuben.....	1,364
Mohansic Lake, water surface.....	West Point.....	Westchester.....	450
Mohegan Lake, water surface.....	Long Lake.....	Hamilton.....	1,763
Mohegan Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,028
Mohegan Lake, water surface.....	West Point.....	Westchester.....	447
Mombaccus.....	Slide Mountain.....	Ulster.....	660
Mombaccus Mountain.....	Slide Mountain.....	Ulster.....	3,000
Mombasha Lake, water surface.....	Schunemunk.....	Orange.....	857
Monhagen Lake, water surface.....	Goshen.....	Orange.....	713
Mongaup Pond, water surface.....	Neversink.....	Sullivan.....	2,138
Monks Hill.....	Phoenicia.....	Delaware.....	2,483
Montague.....	Carthage.....	Lewis.....	1,618
Montgomery.....	Newburg.....	Orange.....	388
Mooers Fork.....	Mooers.....	Clinton.....	388
Mooers Junction.....	Mooers.....	Clinton.....	280
Moon Hill.....	Hoosick.....	Rensselaer.....	1,432
Moon Lake, water surface.....	Hammond.....	Jefferson.....	389
Moon Mountain.....	North Creek.....	Warren.....	1,463
Moore Hill.....	Whitehall.....	Washington.....	1,055
Moose Island.....	Lake Placid.....	Essex.....	2,254
Moose Mountain.....	Mount Marcy.....	Essex.....	2,766
Moose Mountain.....	Paradox Lake.....	Essex.....	2,439
Moose Mountain.....	Thirteenth Lake.....	Warren.....	2,050
Moose Mountain triangulation station.....	Saranac.....	Essex.....	3,921
Moose Pond, water surface.....	Newcomb.....	Essex.....	2,086
Moose Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,781
Moose Pond, water surface.....	Santanoni.....	Essex.....	1,785
Moose Pond, water surface.....	Santanoni.....	Essex.....	2,234
Moose Pond, water surface.....	Saranac.....	Essex.....	1,548
Moreau Pond, water surface.....	Schuylerville.....	Saratoga.....	341
Morehead triangulation station.....	Cortland.....	Cortland.....	1,864
Morehouse Lake, water surface.....	Piseco Lake.....	Hamilton.....	1,975
Morgan Lake, water surface.....	Poughkeepsie.....	Dutchess.....	210
Morganville.....	Albion.....	Genesee.....	865
Morley.....	Canton.....	St. Lawrence.....	336
Mormon Hill.....	Palmyra.....	Ontario.....	700
Morrisville station.....	Morrisville.....	Madison.....	1,226
Moss Hill.....	Macedon.....	Wayne.....	610
Moss Lake, water surface.....	Big Moose.....	Herkimer.....	1,757
Mount Adam.....	Goshen.....	Orange.....	587
Mountain Lake, water surface.....	Gloversville.....	Fulton.....	1,577
Mountain Pond, water surface.....	Big Moose.....	Herkimer.....	2,000
Mountain Pond, water surface.....	Loon Lake.....	Franklin.....	1,826
Mountain Pond, water surface.....	Saint Regis.....	Franklin.....	1,632
Mountain Spring Lake, water surface.....	North Creek.....	Warren.....	900
Mountain View.....	Loon Lake.....	Franklin.....	1,498
Mount Anthony.....	Luzerne.....	Saratoga.....	1,664
Mount Blue.....	Thirteenth Lake.....	Warren.....	2,925
Mount Colden.....	Mount Marcy.....	Essex.....	4,713
Mount Colfax.....	Cambridge.....	Washington.....	1,270
Mount Colvin.....	Mount Marcy.....	Essex.....	4,074
Mount Etna.....	Dannemora.....	Clinton.....	1,508
Mount Eve triangulation station.....	Goshen.....	Orange.....	1,057
Mount Francisco.....	Lake Pleasant.....	Hamilton.....	2,318
Mount Hayden.....	Durham.....	Greene.....	2,930
Mount Herman.....	Olean.....	Cattaraugus.....	2,240
Mount Hope.....	Port Jervis.....	Orange.....	822
Mount Lona.....	Ogdensburg.....	St. Lawrence.....	456
Mount Marcy (the highest point in the State).....	Mount Marcy.....	Essex.....	5,344
Mount Marion triangulation station.....	Catskill.....	Ulster.....	719
Mount Merino triangulation station.....	Catskill.....	Columbia.....	548
Mount Morris triangulation station.....	Loon Lake.....	Franklin.....	3,163
Mount Orrey.....	Lake Pleasant.....	Hamilton.....	2,646
Mount Pisgah triangulation station.....	Durham.....	Greene.....	2,885
Mount Pisgah triangulation station.....	Margaretville.....	Delaware.....	3,365
Mount Pleasant.....	Dryden.....	Tompkins.....	1,762
Mount Pleasant.....	Phoenicia.....	Ulster.....	2,900
Mount Pleasant station.....	Phoenicia.....	Ulster.....	713
Mount Rafinesque.....	Cohoes.....	Rensselaer.....	1,197
Mount Redfield.....	Mount Marcy.....	Essex.....	4,606
Mount Riga.....	Millbrook.....	Columbia.....	764
Mount Rouge.....	Lake Pleasant.....	Hamilton.....	2,117
Mount Sabattis.....	Blue Mountain.....	Hamilton.....	2,780
Mount Sinai.....	Setauket.....	Suffolk.....	24
Mount Skylight.....	Mount Marcy.....	Essex.....	4,920
Mount Tobias.....	Kaaterskill.....	Ulster.....	2,540
Mount Tom.....	Elizabethtown.....	Essex.....	1,620

Locality.	Quadrangle.	County.	Elevation. <i>Feet.</i>
Mount Tom.....	Fort Ann.....	Washington.....	1,422
Mount Washington.....	Hammondsport.....	Steuben.....	1,889
Mount Zpar.....	Durham.....	Greene.....	2,690
Moxham Mountain.....	Schroon Lake.....	Essex.....	2,461
Mud Lake, water surface.....	Alexandria Bay.....	Warren.....	354
Mud Lake, water surface.....	Baldwinsville.....	Jefferson.....	425
Mud Lake, water surface.....	Big Moose.....	Onondaga.....	1,743
Mud Lake, water surface.....	Indian Lake.....	Herkimer.....	1,726
Mud Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,726
Mud Lake, water surface.....	Ogdensburg.....	Hamilton.....	316
Mud Lake, water surface.....	West Canada Lakes.....	St. Lawrence.....	2,344
Mud Lake Mountain.....	Loon Lake.....	Hamilton.....	2,576
Mud Pond, water surface.....	Ausable.....	Franklin.....	558
Mud Pond, water surface.....	Blue Mountain.....	Essex.....	1,605
Mud Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,834
Mud Pond, water surface.....	Cambridge.....	Washington.....	451
Mud Pond, water surface.....	Carmel.....	Putnam.....	721
Mud Pond, water surface.....	Ellenville.....	Ulster.....	1,845
Mud Pond, water surface.....	Long Lake.....	Hamilton.....	1,712
Mud Pond, water surface.....	Oswego.....	Oswego.....	355
Mud Pond, water surface.....	Oxford.....	Chenango.....	1,579
Mud Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,733
Mulley Pond, water surface.....	Schroon Lake.....	Essex.....	1,467
Murphy Lake, water surface.....	Stony Creek.....	Hamilton.....	1,484
Murray.....	Attica.....	Erie.....	820
Muscoot Lake, water surface.....	West Point.....	Westchester.....	405
Muscoot Reservoir.....	Carmel.....	Westchester.....	405
Muskalonge Lake, water surface.....	Hammond.....	Jefferson.....	302
Myers Hill triangulation station.....	Rensen.....	Oneida.....	1,765
Myosotis Lake, water surface.....	Berne.....	Albany.....	1,578
Nanticoke Springs.....	Harford.....	Broome.....	1,061
Napanoch Point.....	Ellenville.....	Ulster.....	1,865
Narrow Hill.....	Waverly.....	Chemung.....	1,706
Nate Pond, water surface.....	Newcomb.....	Essex.....	2,010
Nehasane Lake, water surface.....	Big Moose.....	Hamilton.....	1,695
Nellis triangulation station.....	Canajoharie.....	Montgomery.....	588
Nelson.....	Cazenovia.....	Madison.....	1,432
Neversink.....	Neversink.....	Sullivan.....	1,317
New Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,841
Newburg Junction.....	Schunemunk.....	Orange.....	519
New Centerville.....	Pulaski.....	Oswego.....	545
Newcomb Lake, water surface.....	Newcomb.....	Essex.....	1,734
Newcomb Lake, water surface.....	Santanoni.....	Essex.....	1,735
Newcomb Pond, water surface.....	Hoosick.....	Rensselaer.....	575
Newfield triangulation station.....	Ithaca.....	Tompkins.....	2,095
New Hampton.....	Goshen.....	Orange.....	436
New Ireland.....	Binghamton.....	Broome.....	1,211
Newport.....	Goshen.....	Orange.....	401
New Prospect Church.....	Ellenville.....	Ulster.....	445
Newton Peak.....	Lyon Mountain.....	Clinton.....	2,883
Newtown.....	Eden.....	Frie.....	849
New Vernon.....	Ellenville.....	Sullivan.....	663
Niagara Falls, crest.....	Niagara Falls.....	Niagara.....	517
Niagara Falls, foot.....	Niagara Falls.....	Niagara.....	357
Nichols Pond, water surface.....	Elizabethtown.....	Essex.....	1,400
Nicks Lake, water surface.....	Old Forge.....	Herkimer.....	1,706
Niggerhead Mountain triangulation station.....	Raquette Lake.....	Hamilton.....	2,801
Nigger Lake, water surface.....	Big Moose.....	Herkimer.....	1,839
Nine Corner Lake, water surface.....	Lassellsville.....	Fulton.....	1,868
Nineveh Junction.....	Nineveh.....	Chenango.....	1,033
Nippletop.....	Mount Marcy.....	Essex.....	4,620
Nippletop.....	Paradox Lake.....	Essex.....	2,941
Nippletop Mountain.....	Schroon Lake.....	Essex.....	2,930
Niverville.....	Kinderhook.....	Columbia.....	328
Noble Mountain.....	Elizabethtown.....	Essex.....	2,900
Noonmark Mountain.....	Mount Marcy.....	Essex.....	3,552
North Bridgewater.....	Winfield.....	Oneida.....	1,247
North Broadalbin.....	Broadalbin.....	Fulton.....	788
North Brookfield.....	Sangerfield.....	Madison.....	1,317
North Cameron.....	Bath.....	Steuben.....	1,550
North Center.....	Orwell.....	Jefferson.....	1,469
North Chemung.....	Waverly.....	Chemung.....	1,019
North Chili.....	Brockport.....	Monroe.....	581
North Constantia.....	Kasoag.....	Oswego.....	553
North Dome.....	Phoenicia.....	Greene.....	3,593
North Fenton.....	Binghamton.....	Broome.....	974
North Hector.....	Ovid.....	Schuyler.....	873
North Kortwright.....	Hobart.....	Delaware.....	1,566
North Lake, water surface.....	Old Forge.....	Herkimer.....	1,827
North Manlius.....	Chittenango.....	Madison.....	404
North Olean.....	Olean.....	Cattaraugus.....	1,435

Locality.	Quadrangle.	County.	Elevation.
			<i>Fect.</i>
North Pharsalia.....	Norwich.....	Chenango.....	1,532
North Pond, water surface.....	Boonville.....	Oneida.....	1,303
North Pond, water surface.....	Kasoag.....	Oswego.....	578
North Pond, water surface.....	Oxford.....	Chenango.....	1,689
North Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,860
North Pond, water surface.....	Schroon Lake.....	Essex.....	1,250
North River Mountain.....	Mount Marcy.....	Essex.....	3,890
North Rose.....	Clyde.....	Wayne.....	388
North Scriba.....	Fulton.....	Oswego.....	428
North Sheldon.....	Attica.....	Wyoming.....	1,467
North Syracuse.....	Syracuse.....	Onondaga.....	416
North Urbana.....	Hammondsport.....	Steuben.....	1,366
Northville.....	Broadalbin.....	Fulton.....	796
North Volney.....	Fulton.....	Oswego.....	451
Notch Mountain.....	Piseco Lake.....	Hamilton.....	2,234
No. 8 Mountain.....	Paradox Lake.....	Warren.....	1,951
No. 9 Mountain.....	North Creek.....	Warren.....	2,128
Oakdale station.....	Fire Island.....	Suffolk.....	17
Oak Hill.....	Bath.....	Steuben.....	2,182
Oak Hill.....	Boonville.....	Oneida.....	1,667
Oak Hill.....	Elizabethtown.....	Essex.....	1,730
Oak Hill.....	Indian Lake.....	Hamilton.....	2,455
Oakland.....	Nunda.....	Livingston.....	1,080
Oak Orchard Swamp.....	Medina.....	Genesee.....	613
Oak Ridge.....	Hoosick.....	Washington.....	777
Oakvale station.....	Hammond.....	St. Lawrence.....	302
Odell Hill.....	Hoosick.....	Rensselaer.....	1,325
Odell Lake, water surface.....	Hobart.....	Delaware.....	2,050
Ogden Center.....	Brockport.....	Monroe.....	590
Ohmer Mountain.....	Stony Creek.....	Saratoga.....	2,602
Old Chatham.....	Kinderhook.....	Columbia.....	539
Old Far Mountain.....	Elizabethtown.....	Essex.....	2,325
Olive.....	Rosendale.....	Ulster.....	649
Oliver Hill.....	Schroon Lake.....	Essex.....	2,477
Oliver Pond, water surface.....	Schroon Lake.....	Essex.....	1,486
Oneida Lake, water surface.....	Chittenango.....	Oneida.....	370
Oneida Reservoir.....	Oneida.....	Oswego.....	
Onion Hill.....	Oneida.....	Oneida.....	640
Onondaga Lake, water surface.....	Indian Lake.....	Hamilton.....	2,637
Ontario Lake, water surface.....	Syracuse.....	Onondaga.....	364
Open Meadows.....	Niagara Falls.....	Niagara.....	246
Oramel.....	Chautauqua.....	Chautauqua.....	1,514
Orange Lake, water surface.....	Angelica.....	Allegany.....	1,264
Orange triangulation station.....	Newburg.....	Orange.....	489
Orangeville.....	Watkins.....	Schuyler.....	2,034
Oriskany.....	Batavia.....	Wyoming.....	1,698
Oscawana Lake, water surface.....	Oriskany.....	Oneida.....	423
Osgood Hill.....	West Point.....	Putnam.....	545
Osgood Pond, water surface.....	Whitehall.....	Washington.....	571
Oswegatchie River, water surface under bridge at Heuvelton.....	Saranac.....	Franklin.....	1,650
Oswego Falls.....	Ogdensburg.....	St. Lawrence.....	271
Otisco Lake, water surface (lake rising, corrected elevation 1910).....	Fulton.....	Oswego.....	331
Otisco Lake, water surface.....	Skaneateles.....	Onondaga.....	787
Otsego Lake, water surface.....	Cooperstown.....	Otsego.....	1,194
Otsego triangulation station.....	Richfield Springs.....	Otsego.....	2,301
Otter Lake, water surface.....	Canajoharie.....	Otsego.....	1,638
Otter Lake, water surface.....	Gloversville.....	Fulton.....	1,584
Otter Lake, water surface.....	McKeever.....	Herkimer.....	1,516
Otter Pond, water surface.....	McKeever.....	Oneida.....	1,630
Ouaquaga.....	Newcomb.....	Essex.....	943
Oven Mountain.....	Nineveh.....	Broome.....	2,169
Overlook Mountain.....	North Creek.....	Warren.....	3,150
Ovid Center.....	Kaaterskill.....	Ulster.....	811
Owasco Lake, water surface.....	Genoa.....	Seneca.....	710
Owego.....	Auburn.....	Cayuga.....	810
Owl Pate.....	Skaneateles.....	Tioga.....	2,444
Owl Pond, water surface.....	Apalachin.....	Essex.....	1,931
Owls Head.....	Paradox Lake.....	Hamilton.....	2,780
Owls Head.....	Indian Lake.....	Hamilton.....	2,165
Owls Head Pinnacle.....	Blue Mountain.....	Franklin.....	1,800
Owlshead Pond, water surface.....	Mount Marcy.....	Essex.....	1,842
Owls Head triangulation station.....	Loon Lake.....	Franklin.....	2,260
Oxbow Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,710
Oxbow Mountain.....	Loon Lake.....	Hamilton.....	2,307
Page.....	Lake Pleasant.....	Lewis.....	1,933
Page Brook.....	Lake Pleasant.....	Greene.....	1,008
Page Mountain.....	Indian Lake.....	Hamilton.....	2,885

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Palermo.....	Fulton.....	Oswego.....	462
Palmer Hill.....	Ausable.....	Clinton.....	1,146
Palmertown Mountain.....	Glens Falls.....	Saratoga.....	1,065
Panther Lake, water surface.....	Kasoag.....	Oswego.....	599
Panther Mountain.....	Indian Lake.....	Hamilton.....	3,865
Panther Mountain.....	Phoenicia.....	Ulster.....	3,760
Panther Mountain.....	Piseco Lake.....	Hamilton.....	2,718
Panther Peak.....	Santanoni.....	Essex.....	4,448
Paradox Lake, water surface.....	Paradox Lake.....	Essex.....	820
Paris.....	Sangerfield.....	Oneida.....	1,481
Parish.....	Mexico.....	Oswego.....	483
Parishville Center.....	Potsdam.....	St. Lawrence.....	659
Park Mountain.....	Paradox Lake.....	Warren.....	1,986
Parker Mountain.....	Kaaterskill.....	Greene.....	3,205
Parkers.....	Lighmarket.....	Lewis.....	1,844
Parker triangulation station.....	Albion.....	Genesee.....	744
Park Hill triangulation station.....	Boonville.....	Oneida.....	1,309
Parma.....	Brockport.....	Monroe.....	434
Parma Center.....	Hamlin.....	Monroe.....	340
Partridge Mountain.....	North Creek.....	Warren.....	1,953
Patchogue.....	Setauket.....	Suffolk.....	25
Patterson Ridge.....	Gilboa.....	Greene.....	2,865
Pattersonville.....	Amsterdam.....	Schenectady.....	275
Pavilion.....	Batavia.....	Genesee.....	941
Payne Hill.....	Port Henry.....	Essex.....	844
Payne Mountain.....	Willsboro.....	Essex.....	1,154
Paynes Lake, water surface.....	Hammond.....	Jefferson.....	342
Peach Lake, water surface.....	Carmel.....	Putnam.....	530
Peaked Hill.....	Paradox Lake.....	Westchester.....	1,840
Peaked Hills.....	Schroon Lake.....	Essex.....	2,165
		Essex.....	2,286
Peaked Mountain Pond, water surface.....	Big Moose.....	Herkimer.....	1,748
Peaked Mountain triangulation station.....	Thirteenth Lake.....	Warren.....	2,920
Peak Ridge.....	Elizabethtown.....	Essex.....	4,375
Peckham Pond, water surface.....	Hoosick.....	Rensselaer.....	1,490
Peck Lake, water surface.....	Gloversville.....	Fulton.....	1,360
Peekamoose Lodge.....	Slide Mountain.....	Ulster.....	1,415
Peekamoose Mountain.....	Slide Mountain.....	Ulster.....	3,863
Pelcher Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,813
Pellets Island Mountain.....	Goshen.....	Orange.....	506
Penelope.....	Greene.....	Broome.....	1,320
Penfield.....	Macedon.....	Monroe.....	429
Penfield Center.....	Macedon.....	Monroe.....	512
Peoria.....	Berne.....	Albany.....	936
Peoria.....	Caledonia.....	Wyoming.....	1,145
Perch Lake, water surface.....	Theresa.....	Jefferson.....	317
Perch Pond, water surface.....	Newcomb.....	Essex.....	1,775
Perry Mountain.....	Stony Creek.....	Saratoga.....	2,365
Perryville.....	Dryden.....	Tioga.....	1,020
Persons Corners.....	Attica.....	Wyoming.....	1,360
Perth.....	Broadalbin.....	Fulton.....	870
Peru.....	Dannemora.....	Clinton.....	340
Petersburg Junction.....	Hoosick.....	Rensselaer.....	465
Petersburg Mountain.....	Schoharie.....	Schoharie.....	2,311
Peters Corners.....	Gloversville.....	Fulton.....	1,463
Peters Pond, water surface.....	Gloversville.....	Fulton.....	1,405
Pharaoh Mountain.....	Paradox Lake.....	Essex.....	2,557
Pharsalia.....	Pitcher.....	Chenango.....	1,561
Phelps Junction.....	Phelps.....	Ontario.....	570
Phillipsburg.....	Goshen.....	Orange.....	365
Phillips Mills.....	Chautauqua.....	Chautauqua.....	1,314
Phillipsport.....	Ellenville.....	Sullivan.....	506
Pickarel Pond, water surface.....	Nineveh.....	Broome.....	1,025
Pickwacket Pond, water surface.....	Long Lake.....	Hamilton.....	1,791
Piercefield Flow, water surface.....	Tupper Lake.....	Franklin.....	1,542
Pierrepont.....	Canton.....	St. Lawrence.....	740
Pigeon Hill.....	Palmyra.....	Wayne.....	665
Pigeon Lake, water surface.....	Big Moose.....	Hamilton.....	2,070
Pike Hill.....	Troy.....	Rensselaer.....	1,165
Pilgrim Mountain.....	Raquette Lake.....	Hamilton.....	2,805
Pillsbury Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,490
Pilot Knob.....	Glens Falls.....	Washington.....	2,180
Pinkney.....	Carthage.....	Lewis.....	1,488
Pine Cobble.....	Richfield Springs.....	Otsego.....	1,772
Pine Hill.....	Catskill.....	Columbia.....	617
Pine Hill.....	Fort Ann.....	Washington.....	1,070
Pine Hill.....	Indian Lake.....	Hamilton.....	2,200
Pine Hill.....	Newcomb.....	Essex.....	2,129
Pine Hill.....	Schroon Lake.....	Essex.....	2,214
Pine Lake, water surface.....	Blue Mountain.....	Hamilton.....	1,592
Pine Lake, water surface.....	Piseco Lake.....	Hamilton.....	1,830

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Pine Lake, water surface.....	Lassellsville.....	Fulton.....	1,561
Pine Lakes, water surface.....	Indian Lake.....	Hamilton.....	1,750
Pinelawn.....	Babylon.....	Suffolk.....	1,755
Pine Mountain.....	Bolton.....	Warren.....	84
Pine Mountain.....	Gilboa.....	Schoharie.....	1,327
Pine Mountain.....	Lassellsville.....	Delaware.....	1,860
Pine Mountain.....	Newcomb.....	Fulton.....	2,200
Pine Mountain.....	North Creek.....	Essex.....	2,153
Pine Peak.....	Indian Lake.....	Warren.....	2,010
Pine Pond, water surface.....	Carmel.....	Hamilton.....	2,271
Pine Pond, East, water surface.....	Saint Regis.....	Putnam.....	603
Pine Pond, West, water surface.....	Saint Regis.....	Franklin.....	1,587
Pinnacle.....	Apalachin.....	Franklin.....	1,590
Pinnacle.....	Copake.....	Tioga.....	1,560
Pinnacle.....	Fort Ann.....	Columbia.....	898
Pinnacle triangulation station.....	Gloversville.....	Washington.....	1,571
Piseco Lake, water surface.....	Piseco Lake.....	Fulton.....	2,514
Piseco Mountain.....	Piseco Lake.....	Hamilton.....	1,661
Pitcher.....	Pitcher.....	Hamilton.....	2,748
Pitchoff Mountain.....	Elizabethtown.....	Chenango.....	1,142
Pitchoff.....	Mount Marcy.....	Essex.....	2,750
Pittsford.....	Rochester.....	Essex.....	3,450
Plateau Mountain.....	Kaaterskill.....	Monroe.....	459
Plattekill.....	Newburg.....	Greene.....	3,855
Plattekill Mountain.....	Hobart.....	Ulster.....	565
Plattekill Mountain.....	Kaaterskill.....	Delaware.....	3,250
Pleasant Brook.....	Cooperstown.....	Greene.....	3,135
Pleasant Lake, water surface.....	Carthage.....	Otsego.....	1,334
Pleasant Lake, water surface.....	Hammond.....	Jefferson.....	1,064
Pleasant Lake, water surface.....	Lassellsville.....	St. Lawrence.....	335
Pleasant Lake, water surface.....	Tupper Lake.....	Fulton.....	1,638
Pleasant Valley.....	Clymer.....	St. Lawrence.....	1,658
Pleasure Lake.....	Monticello.....	Chautauqua.....	1,541
Pleissis.....	Alexandria Bay.....	Sullivan.....	1,210
Plumadore.....	Loon Lake.....	Jefferson.....	406
Plumadore Pond, water surface.....	Loon Lake.....	Franklin.....	1,705
Plum Island.....	Gardiners Island.....	Franklin.....	1,705
Plumley Pond, water surface.....	Raquette Lake.....	Suffolk.....	98
Plymouth.....	Norwich.....	Hamilton.....	1,765
Podunk Pond, water surface.....	Glens Falls.....	Chenango.....	1,254
Pokamoonshine Mountain triangulation station.....	Ausable.....	Washington.....	839
Poland Center.....	Jamestown.....	Essex.....	2,162
Polaris Mountain.....	Newcomb.....	Chautauqua.....	1,265
Polliwog Pond, water surface.....	Saint Regis.....	Essex.....	2,524
Pond triangulation station.....	Medina.....	Franklin.....	1,595
Pontiac.....	Eden.....	Genesee.....	896
Poplar Hill.....	Hoosick.....	Erie.....	718
Poplar Ridge.....	Genoa.....	Rensselaer.....	1,475
Portage.....	Portage.....	Cayuga.....	1,047
Port Dickenson.....	Binghampton.....	Wyoming.....	1,313
Porter Mountain.....	Indian Lake.....	Broome.....	884
Porter Mountain.....	Mount Marcy.....	Hamilton.....	2,507
Porterville.....	Depew.....	Essex.....	4,070
Portland.....	Utica.....	Erie.....	937
Potash Mountain.....	Indian Lake.....	Herkimer.....	721
Potter Hill.....	Hobart.....	Hamilton.....	2,660
Potter Mountain.....	North Creek.....	Schoharie.....	2,539
Potter Mountain.....	Paradox Lake.....	Warren.....	1,525
Pratt Rocks.....	Gilboa.....	Essex.....	1,892
Prattsville.....	Gilboa.....	Greene.....	1,834
Preston.....	Norwich.....	Greene.....	1,150
Preston Hill.....	Clove.....	Chenango.....	1,468
Preston Ponds (lower), water surface.....	Santanoni.....	Dutchess.....	1,460
Preston Ponds (upper), water surface.....	Santanoni.....	Essex.....	2,156
Princtown triangulation station.....	Amsterdam.....	Essex.....	2,158
Prospect Hill.....	Hobart.....	Schenectady.....	1,434
Prospect Hill.....	Richfield Springs.....	Delaware.....	2,143
Prospect Hill.....	Willsboro.....	Otsego.....	2,085
Prospect Hill triangulation station.....	Newburg.....	Essex.....	909
Prospect Hill triangulation station.....	Oriskany.....	Orange.....	708
Prospect Hill triangulation station.....	Owego.....	Oneida.....	1,380
Prospect Mountain.....	North Creek.....	Tioga.....	1,697
Prospect Mountain.....	Schunemunk.....	Warren.....	1,546
Pulpit Mountain.....	Lake Placid.....	Orange.....	1,158
Pultneyville.....	Pultneyville.....	Essex.....	2,658
Pumpkin Hill.....	Fort Ann.....	Wayne.....	274
Purgatory Swamp.....	Goshen.....	Washington.....	987
Pusel triangulation station.....	Medina.....	Orange.....	366
Putnam Hill.....	Waverly.....	Orleans.....	737
Putnam Mountain.....	Glens Falls.....	Chemung.....	1,710
Putnam Mountain.....	Paradox Lake.....	Washington.....	1,914
Pyramid Lake, water surface.....	Paradox Lake.....	Essex.....	2,127
			972

Locality.	Quadrangle.	County.	Elevation. Feet.
Quackenkill.....	Cohoes.....	Rensselaer.....	1,265
Quaker settlement.....	Cazenovia.....	Madison.....	1,282
Quaker Street.....	Berne.....	Schenectady.....	1,025
Quebec Pond, water surface.....	St. Regis.....	Franklin.....	1,592
Queer Lake, water surface.....	Big Moose.....	Hamilton.....	1,956
Quogue station.....	Riverhead.....	Suffolk.....	36
Ragged Lake, water surface.....	Loon Lake.....	Franklin.....	1,733
Ragged Lake Mountain.....	Loon Lake.....	Franklin.....	2,775
Ragged Mountain.....	Schroon Lake.....	Essex.....	3,290
Rainbow Lake, water surface.....	Saratac.....	Franklin.....	1,688
Randallsville.....	Morrisville.....	Madison.....	1,124
Rand Mountain.....	Stony Creek.....	Hamilton.....	1,790
Ransomville.....	Tonowanda.....	Niagara.....	323
Raquette Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,762
Raquette Pond, water surface.....	Long Lake.....	Franklin.....	1,542
Raquette River.....	Massena.....	St. Lawrence.....	196
Raters Corners.....	Clymer.....	Chautauqua.....	1,445
Rattlesnake Cobble.....	Glens Falls.....	Warren.....	1,213
Rattlesnake Mountain.....	Ausable.....	Essex.....	1,328
Rattlesnake Mountain.....	Willsboro.....	Essex.....	1,259
Raven Hill.....	Elizabethtown.....	Essex.....	1,967
Ray.....	Attica.....	Genesee.....	946
Reaman triangulation station.....	Canajoharie.....	Montgomery.....	800
Record Hill.....	Ticonderoga.....	Washington.....	1,292
Rector.....	Carthage.....	Lewis.....	1,806
Redbird.....	Chautauqua.....	Chautauqua.....	1,287
Redhill.....	Slide Mountain.....	Ulster.....	2,710
Red Lake, water surface.....	Hammond.....	Jefferson.....	306
Red Pond, water surface.....	Hoosick.....	Rensselaer.....	1,385
Red Rock.....	Lake Placid.....	Essex.....	2,490
Reservoir, water surface.....	Olean.....	Allegany.....	1,560
Reservoir No. 1, water surface.....	Port Jervis.....	Orange.....	576
Reservoir No. 2, water surface.....	Port Jervis.....	Orange.....	997
Reservoir No. 3, water surface.....	Port Jervis.....	Orange.....	1,019
Rexford Flats.....	Schenectady.....	Schenectady.....	205
Reynolds Corners.....	Glens Falls.....	Saratoga.....	328
Reynolds Hill.....	Fort Ann.....	Washington.....	1,017
Reynolds Hill.....	Tarrytown.....	Westchester.....	565
Rheims.....	Bath.....	Steuben.....	789
Rhoda Ponds, lower.....	Copake.....	Columbia.....	501
Rhoda Ponds, upper.....	Copake.....	Columbia.....	541
Rice Mountain.....	Cohoes.....	Rensselaer.....	925
Richfield.....	Winfield.....	Otsego.....	1,484
Richford triangulation station.....	Harford.....	Tioga.....	1,997
Rich Lake, water surface.....	Newcomb.....	Essex.....	1,564
Richland.....	Pulaski.....	Oswego.....	522
Richmond Corners.....	Gilboa.....	Greene.....	2,075
Richmond Mountain.....	Gilboa.....	Schoharie.....	3,213
Richtmyer Peak.....	Gilboa.....	Schoharie.....	2,967
Rickard triangulation station.....	Canajoharie.....	Montgomery.....	1,029
Ridgebury.....	Goshen.....	Orange.....	585
Ridge Road.....	Lockport.....	Niagara.....	402
Ridgeway.....	Ridgeway.....	Orleans.....	420
Riga.....	Brockport.....	Monroe.....	637
Risby Lakes, water surface, First Lake.....	Old Forge.....	Herkimer.....	2,030
Risby Lakes, water surface, Second Lake.....			2,030
Risby Lakes, water surface, Third Lake.....			2,021
Roakdale.....	Loon Lake.....	Franklin.....	1,702
Robinson Pond, water surface.....	Copake.....	Columbia.....	531
Rock Glen.....	Portage.....	Wyoming.....	1,343
Rock Lake, water surface.....	Big Moose.....	Herkimer.....	1,784
Rock Lake, water surface.....	Blue Mountain.....	Hamilton.....	1,706
Rock Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,914
Rockland Lake, water surface.....	Tarrytown.....	Rockland.....	160
Rock Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,771
Rock Pond, water surface.....	Indian Lake.....	Hamilton.....	1,869
Rock Pond, water surface.....	Long Lake.....	Hamilton.....	1,715
Rock Pond, water surface.....	Raquette Lake.....	Hamilton.....	1,721
Rockville.....	Angelica.....	Allegany.....	1,431
Rodman.....	Watertown.....	Jefferson.....	726
Rogers.....	Ausable.....	Clinton.....	578
Rogers Pond, water surface.....	Schroon Lake.....	Essex.....	1,284
Rollins Pond, water surface.....	St. Regis.....	Franklin.....	1,575
Rome triangulation station.....	Oriskany.....	Oneida.....	506
Romulus.....	Geneva.....	Seneca.....	719
Ronkonkoma Lake, water surface.....	Setauket.....	Suffolk.....	57
Rooster Comb.....	Mount Marcy.....	Essex.....	2,795
Rooster Hill.....	Lassellsville.....	Hamilton.....	2,240
Rose.....	Clyde.....	Wayne.....	425
Rose Mountain.....	Phoenicia.....	Ulster.....	3,123
Rose Pond, water surface.....	Big Moose.....	Hamilton.....	1,781

Locality.	Quadrangle.	County.	Elevation. Feet.
Rosendale.....	Rosendale.....	Ulster.....	182
Rossman.....	Kinderhook.....	Columbia.....	92
Rossman Pond, water surface.....	Richmondville.....	Schoharie.....	2,054
Ross Mills.....	Jamestown.....	Chautauqua.....	1,263
Ross triangulation station.....	Medina.....	Orleans.....	701
Round Hills.....	Durham.....	Greene.....	2,529
Round Hill triangulation station.....	Stamford.....	Westchester.....	551
Round Lake, water surface.....	Broadalbin.....	Saratoga.....	1,499
Round Lake, water surface.....	Schenectady.....	Schenectady.....	188
Round Lake, water surface.....	Tupper Lake.....	Hamilton.....	1,718
Round Mountain.....	Lake Pleasant.....	Hamilton.....	2,411
Round Mountain.....	Mount Marcy.....	Essex.....	3,145
Round Mountain.....	West Canada Lakes.....	Hamilton.....	2,829
Round Pond, north, water surface.....	Greene.....	Chenango.....	1,337
Round Pond, south, water surface.....	Greene.....	Chenango.....	955
Round Pond, water surface.....	Indian Lake.....	Hamilton.....	1,852
Round Pond, water surface.....	Long Lake.....	Hamilton.....	1,632
Round Pond, water surface.....	Paradox Lake.....	Essex.....	987
Roundtop.....	Gilboa.....	Delaware.....	3,448
Roundtop Mountain.....	Kaaterskill.....	Greene.....	3,470
Royalton.....	Lockport.....	Niagara.....	644
Ruby Mountain.....	Thirteenth Lake.....	Essex.....	2,638
Ruggs Pond, water surface.....	Oxford.....	Chenango.....	1,406
Rundell triangulation station.....	Durham.....	Albany.....	1,245
Rush.....	Honeoye.....	Monroe.....	542
Rushford.....	Angelica.....	Allegany.....	1,523
Rusk Mountain.....	Phoenicia.....	Greene.....	3,080
Russ Pond, water surface.....	Mexico.....	Oswego.....	425
Russia Mountain.....	Dannemora.....	Clinton.....	140
Russian Lake, water surface.....	Big Moose.....	Hamilton.....	1,848
Ruth.....	Hobart.....	Schoharie.....	1,591
Rutland Center.....	Watertown.....	Jefferson.....	963
Rye Pond, water surface.....	Stamford.....	Westchester.....	301
Ryther Mountain.....	Stony Creek.....	Saratoga.....	1,710
Sable Mountains.....	Loon Lake.....	Franklin.....	2,886
Sacandaga Lake, water surface.....	Indian Lake.....	Hamilton.....	1,724
Sacandaga Park.....	Lake Pleasant.....	Fulton.....	811
Sackett Lake, water surface.....	Broadalbin.....	Sullivan.....	1,327
Saddleback.....	Monticello.....	Essex.....	4,530
Saddleback Mountain.....	Mount Marcy.....	Essex.....	3,623
Safford Pond, water surface.....	Ausable.....	Essex.....	1,761
Sag Harbor.....	Big Moose.....	Herkimer.....	13
St. Dominic Convent.....	Sag Harbor.....	Suffolk.....	43
St. James.....	Babylon.....	Suffolk.....	167
St. John Lake.....	Setauket.....	Suffolk.....	2,220
St. Johnsbury.....	Stony Creek.....	Warren.....	577
St. Joseph Lake, water surface.....	Tonawanda.....	Niagara.....	1,433
St. Lawrence River, water surface.....	Monticello.....	Sullivan.....	246
St. Lawrence River, water surface.....	Alexandria Bay.....	Jefferson.....	243
St. Marys Lake, water surface.....	Cape Vincent.....	St. Lawrence.....	179
St. Marys Pond, water surface.....	Ogdensburg.....	Westchester.....	544
St. Regis Lake, Lower, water surface.....	Mexico.....	Oswego.....	1,617
St. Regis Lake, Upper, water surface.....	St. Regis.....	Franklin.....	1,617
St. Regis Mountain.....	St. Regis.....	Franklin.....	2,882
St. Regis Pond, water surface.....	St. Regis.....	Franklin.....	1,616
Sala.....	Fulton.....	Oswego.....	458
Salem.....	Cambridge.....	Washington.....	490
Salisbury.....	Little Falls.....	Herkimer.....	1,214
Salmon Lake, water surface.....	Big Moose.....	Herkimer.....	1,720
Salmon Lake, water surface.....	Raquette Lake.....	Hamilton.....	1,800
Salmon Lake Mountain.....	Raquette Lake.....	Hamilton.....	2,530
Salmon Pond, water surface.....	Blue Mountain.....	Hamilton.....	2,069
Salt Hill.....	Tarrytown.....	Westchester.....	745
Salt Point.....	Rhinebeck.....	Dutchess.....	249
Salt Springville.....	Canajoharie.....	Montgomery.....	936
Sampson Bog, water surface.....	West Canada Lakes.....	Hamilton.....	2,381
Sampson Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,383
Samson Mountain.....	Slide Mountain.....	Ulster.....	2,763
Sams Point triangulation station.....	Ellenville.....	Ulster.....	2,255
Samuels Point.....	Slide Mountain.....	Ulster.....	2,764
Sanborn.....	Tonawanda.....	Niagara.....	639
Sand Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,947
Sand Lake, water surface.....	Old Forge.....	Herkimer.....	1,830
Sand Pond, water surface.....	Schroon Lake.....	Essex.....	1,833
Sand Pond Mountain.....	Schroon Lake.....	Essex.....	3,040
Sand Ridge.....	Depew.....	Erie.....	828
Sanford Lake, water surface.....	Santanoni.....	Essex.....	1,720
Santanoni Peak.....	Santanoni.....	Essex.....	4,621
Saranac Lake, Lower, water surface.....	Saranac.....	Franklin.....	1,534
Saranac Lake, Middle, water surface.....	St. Regis.....	Franklin.....	1,536

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Saranac Lake, Upper, water surface.	St. Regis.	Franklin.	1,571
Saratoga Lake, water surface.	Cohoes.	Saratoga.	204
Saratoga Lake, water surface.	Schenectady.	Schenectady.	204
Sargent Ponds, Lower, water surface.	Raquette Lake.	Hamilton.	1,796
Sargent Ponds, Upper, water surface.	Raquette Lake.	Hamilton.	1,825
Saunders Mountain.	Elizabethtown.	Essex.	2,003
Sawteeth.	Mount Marcy.	Essex.	4,138
Sawyer.	Tonawanda.	Niagara.	579
Sawyers Hill.	Goshen.	Orange.	1,045
Sayles Corners.	Skaneateles.	Cayuga.	1,589
Sayville.	Fire Island.	Suffolk.	22
Schoolhouse Lake, water surface.	Cambridge.	Washington.	533
Schroon Lake, water surface.	North Creek.	Essex, Warren.	807
Schultz Mountain.	Schroon Lake.		
Schultzville.	Rhinebeck.	Dutchess.	780
Schuyler triangulation station.	Rhinebeck.	Dutchess.	375
Scioto.	Utica.	Herkimer.	1,582
Scipioville.	Moers.	Clinton.	323
Scotch Bush.	Auburn.	Cayuga.	990
Scotchtown.	Amsterdam.	Montgomery.	765
Scott.	Goshen.	Orange.	725
Scott.	Cortland.	Cortland.	1,402
Scott.	Olean.	Cattaraugus.	1,470
Scottsburg.	Wayland.	Livingston.	924
Scottsville.	Rochester.	Monroe.	553
Searles Hill.	Tarrytown.	Westchester.	725
Searsburg.	Genoa.	Schuyler.	1,338
Sears Pond, water surface.	Highmarket.	Lewis.	1,734
Searsville.	Ellenville.	Orange.	473
Second Milo.	Penn Yan.	Steuben.	1,059
Second Pond, water surface.	Hoosick.	Rensselaer.	1,484
Second Pond, water surface.	Long Lake.	Hamilton.	1,798
Secor Lake, water surface.	West Point.	Putnam.	565
Seneca Castle.	Phelps.	Ontario.	762
Seneca Lake, water surface.	Geneva.	Seneca.	444
Seneca Lake, water surface.	Ovid.	Schuyler.	444
Seneca Mountain.	Stony Creek.	Seneca.	
Sentinel Peak.	Lake Placid.	Saratoga.	2,450
Sentinel Range.	Lake Placid.	Essex.	3,858
Severance.	Lake Placid.	Essex.	3,902
Severance Hill.	Paradox Lake.	Essex.	876
Severance Mountain.	Schroon Lake.	Essex.	1,693
Seward Mountain.	Santanoni.	Franklin.	4,404
Seward Pond, water surface.	Long Lake.	Franklin.	2,050
Seymour Mountain.	Saranac.	Essex.	2,485
Seymour Mountain.	Santanoni.	Franklin.	4,120
Shaker Mountain.	Housatonic.	Columbia.	1,824
Shaker Mountain.	Pittsfield.	Columbia.	1,824
Shallow Lake, water surface.	Raquette Lake.	Hamilton.	1,810
Sharon Center.	Canajoharie.	Schoharie.	1,442
Shaver Pond, water surface.	Hoosick.	Rensselaer.	1,470
Shawangunk Lake, water surface.	Goshen-Port Jervis.	Orange.	761
Shawangunk Mountains.	Port Jervis.	Orange.	1,484
Shaw Corners.	Lassellsville.	Fulton.	1,278
Shedd Lake, water surface.	Raquette Lake.	Hamilton.	1,904
Sheeley Mountain.	Lassellsville.	Fulton.	2,120
Shekomoko.	Millbrook.	Dutchess.	665
Sheldon Corners.	Clymer.	Chautauqua.	1,509
Shelving Rock Mountain.	Bolton.	Washington.	1,135
Sherburne.	Norwich.	Chenango.	1,060
Sheridan.	Cherry Creek.	Chautauqua.	758
Sheridan Mountain.	Phoenicia.	Ulster.	2,207
Sheriff Lake, water surface.	Piseco Lake.	Hamilton.	1,857
Sherman Mountain.	Piseco Lake.	Hamilton.	2,650
Shingle Shanty Pond, water surface.	Big Moose.	Hamilton.	1,904
Shirley.	Eden.	Erie.	1,061
Shoemaker Hill.	Waverly.	Chemung.	1,705
Shortsville.	Phelps.	Ontario.	641
Short Tract.	Angelica.	Allegany.	1,668
Shutter Corners.	Schoharie.	Schoharie.	671
Siamese Mountain.	Thirteenth Lake.	Warren.	2,420
Siamese Ponds, water surface.	Thirteenth Lake.	Warren.	2,117
Sierks.	Attica.	Wyoming.	2,128
Signal Mountain.	Piseco Lake.	Hamilton.	1,042
Silver Lake, water surface.	Big Moose.	Herkimer.	2,965
Silver Lake, water surface.	Lake Placid.	Franklin.	2,103
Silver Lake, water surface.	Lake Pleasant.	Hamilton.	1,378
Silver Lake, water surface.	Lyon Mountain.	Clinton.	2,072
Silver Lake, water surface.	Portage.	Wyoming.	1,393
Silver Springs.	Portage.	Wyoming.	1,356
Simon Pond, water surface.	Long Lake.	Franklin.	1,402
Simpsonville.	Cooperstown.	Delaware.	1,542
			1,380

Locality.	Quadrangle.	County.	Elevation. <i>Fect.</i>
Sister Lake, Lower, water surface.....	Big Moose.....	Hamilton.....	1,927
Sister Lake, Upper, water surface.....	Big Moose.....	Hamilton.....	1,930
Sixberry Lake, water surface.....	Alexandria Bay.....	Jefferson.....	346
Six Town Pond, water surface.....	Sacketts Harbor.....	Jefferson.....	418
Skaneateles Lake, water surface.....	Skaneateles.....	Cayuga.....	867
Skeene Mountain triangulation station.....	Whitehall.....	Onondaga.....	518
Skiff Mountain.....	Paradox Lake.....	Essex.....	1,796
Skinnerville.....	Massena.....	St. Lawrence.....	342
Skytop triangulation station.....	Rosendale.....	Ulster.....	1,542
Slab Bridge.....	Loon Lake.....	Franklin.....	1,307
Sleeping Beauty Mountain.....	Bolton.....	Washington.....	2,349
Slide Mountain.....	Slide Mountain.....	Ulster.....	4,204
Slide Mountain.....	Thirteenth Lake.....	Warren.....	2,890
Slim Pond, water surface.....	Tupper Lake.....	Hamilton.....	1,708
Slip Mountain.....	Stony Creek.....	Saratoga.....	2,590
Smithboro.....	Owego.....	Tioga.....	792
Smith Hill.....	Utica.....	Oneida.....	1,207
Smith Pond, water surface.....	Bath.....	Steuben.....	1,617
Smith Pond, water surface.....	North Creek.....	Warren.....	811
Smiths Mills station.....	Cherry Creek.....	Chautauqua.....	1,009
Smithville station.....	Medina.....	Genesee.....	766
Snake Den.....	Pittsfield.....	Columbia.....	1,478
Snake Mountain.....	Goshen.....	Orange.....	980
Snowy Mountain triangulation station.....	Indian Lake.....	Hamilton.....	3,903
Sodus Bay, water surface.....	Clyde.....	Wayne.....	246
Solpue Pond, water surface.....	West Point.....	Putnam.....	545
Song Lake, water surface.....	Tully.....	Cortland.....	1,193
Sonora.....	Hammondsport.....	Steuben.....	1,112
Sorrel Hill triangulation station.....	Baldwinsville.....	Onondaga.....	641
Southampton.....	Sag Harbor.....	Suffolk.....	26
South Apalachin.....	Apalachin.....	Tioga.....	964
South Attica.....	Attica.....	Wyoming.....	1,465
South Beacon Hill.....	West Point.....	Dutchess.....	1,635
South Bloomfield.....	Canandaigua.....	Ontario.....	862
South Canada Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,344
South Centerville.....	Port Jervis.....	Orange.....	612
South Chill.....	Brockport.....	Monroe.....	590
South Dayton.....	Cherry Creek.....	Chattaraugus.....	1,298
South Gilboa.....	Hobart.....	Schoharie.....	2,007
South Gilboa station.....	Hobart.....	Schoharie.....	1,748
South Greigsville.....	Caledonia.....	Livingston.....	763
South Hill triangulation station.....	Neversink.....	Sullivan.....	1,961
South Lake, water surface.....	Old Forge.....	Herkimer.....	2,014
South Lansing.....	Genoa.....	Tompkins.....	846
South Livonia.....	Honeoye.....	Livingston.....	1,128
South Millbrook.....	Millbrook.....	Dutchess.....	602
South Mountain.....	Slide Mountain.....	Ulster.....	2,180
South Onondaga.....	Tully.....	Onondaga.....	597
South Otselic.....	Pitcher.....	Chenango.....	1,226
South Owego.....	Apalachin.....	Tioga.....	1,544
South Oxford.....	Oxford.....	Chenango.....	958
South Plymouth.....	Norwich.....	Chenango.....	1,145
South Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,766
South Pond, water surface.....	Carnel.....	Westchester.....	465
South Pond, water surface.....	Mexico.....	Oswego.....	565
South Pond Mountain.....	Thirteenth Lake.....	Hamilton.....	3,332
South Rutland.....	Watertown.....	Jefferson.....	1,053
South Sodus.....	Clyde.....	Wayne.....	424
Southwest Oswego.....	Oswego.....	Oswego.....	371
Speculator Mountain.....	Lake Pleasant.....	Hamilton.....	2,973
Spencer.....	Waverly.....	Tioga.....	999
Spencertown.....	Kinderhook.....	Columbia.....	584
Spitfire Lake, water surface.....	St. Regis.....	Franklin.....	1,617
Spitzenberg Hill.....	West Point.....	Westchester.....	545
Split Rock Mountain.....	Elizabethtown.....	Essex.....	1,960
Split Rock Mountain.....	Port Henry.....	Essex.....	1,029
Split Rock Pond, water surface.....	Newcomb.....	Essex.....	1,690
Spotted Mountain.....	Elizabethtown.....	Essex.....	3,480
Spread Eagle Mountain.....	Mount Marcy.....	Essex.....	2,860
Spring Brook.....	Depew.....	Erie.....	800
Spring Brook station.....	Depew.....	Erie.....	748
Spring Lake, water surface.....	Angelica.....	Allegheny.....	1,522
Spring Lakes, water surface.....	Catskill.....	Dutchess.....	258
Sprout Brook.....	Canajoharie.....	Montgomery.....	726
Spruce Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,377
Spruce Mountain.....	Bolton.....	Warren.....	1,885
Spruce Mountain.....	Phoenicia.....	Ulster.....	3,380
Spruce Mountain.....	Stony Creek.....	Saratoga.....	2,615
Spruce Mountain.....	Whitehall.....	Washington.....	1,911
Spy Lake, water surface.....	Piseco Lake.....	Hamilton.....	1,654
Square Pond, water surface.....	St. Regis.....	Franklin.....	1,572
Squaw Mountain.....	Indian Lake.....	Hamilton.....	3,240

Locality.	Quadrangle.	County.	Elevation. Feet.
Staatsburg.....	Rhinebeck.....	Dutchess.....	30
Stafford.....	Batavia.....	Genesee.....	900
Stanfordville.....	Millbrook.....	Dutchess.....	327
Star Rock.....	Kaaterskill.....	Greene.....	2,515
State Brook Mountain.....	Piseco Lake.....	Hamilton.....	2,535
Steenburg Mountain.....	Gilboa.....	Schoharie.....	2,541
Stephens Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,958
Stevens Mountain.....	Gilboa.....	Schoharie.....	1,885
Stevens Mountain.....	Paradox Lake.....	Warren.....	2,153
Stewart Landing.....	Lassellsville.....	Fulton.....	1,541
Stickney Bridge.....	Ausable.....	Essex.....	585
Stid Hill.....	Naples.....	Ontario.....	2,070
Stink Lakes, water surface.....	Lassellsville.....	Hamilton Fulton.....	1,652
Stirling triangulation station.....	Canajoharie.....	Montgomery.....	1,238
Stissing.....	Millbrook.....	Duchess.....	435
Stittville.....	Oriskany.....	Oneida.....	560
Stockbridge Mountain.....	Schunemunk.....	Orange.....	1,418
Stockham Hill.....	Cazenovia.....	Onondaga.....	1,650
Stockholm.....	Massena.....	St. Lawrence.....	363
Stockholm Center.....	Massena.....	St. Lawrence.....	367
Stockport.....	Kinderhook.....	Columbia.....	47
Stockwell.....	Sangerfield.....	Oneida.....	1,266
Stokes.....	Boonville.....	Oneida.....	634
Stone Church.....	Brockport.....	Genesee.....	681
Stone Ridge.....	Rosendale.....	Ulster.....	368
Stony Creek Ponds, water surface.....	Long Lake.....	Franklin.....	1,545
Stoppel Point.....	Kaaterskill.....	Greene.....	3,425
Storm King.....	West Point.....	Orange.....	1,340
Stottville.....	Kinderhook.....	Columbia.....	126
Stow.....	Chautauqua.....	Chautauqua.....	1,321
Stratford.....	Lassellsville.....	Fulton.....	1,074
Stratton.....	Ithaca.....	Tompkins.....	659
Street Mountain.....	Santanoni.....	Essex.....	4,216
Sturge Hills.....	Indian Lake.....	Hamilton.....	2,680
Sugarbush Mountain.....	Piseco Lake.....	Hamilton.....	2,520
Sugar loaf.....	Glens Falls.....	Washington.....	2,208
Sugarloaf Hill.....	West Point.....	Putnam.....	1,018
Sugarloaf Mountain.....	Goshen.....	Orange.....	765
Sugarloaf Mountain.....	Kaaterskill.....	Greene.....	1,140
Sugarloaf Mountain.....	Loon Lake.....	Franklin.....	3,782
Sugarloaf Mountain.....	Whitehall.....	Washington.....	2,327
Sugarloaf Mountain.....	Willsboro.....	Essex.....	1,945
Summerdale.....	Clymer.....	Chautauqua.....	1,439
Summit Lake, water surface.....	Cambridge.....	Washington.....	1,639
Summit Lake, water surface.....	Richmondville.....	Schoharie.....	745
Summit Lake, water surface.....	Schunemunk.....	Schoharie.....	2,068
Summit Pond, water surface.....	Big Moose.....	Orange.....	1,050
Summitville.....	Ellenville.....	Herkimer.....	2,066
Sumner Lake, water surface.....	West Canada Lakes.....	Sullivan.....	546
Sunderland Pond, water surface.....	Glens Falls.....	Hamilton.....	2,195
Sunnyside.....	Kinderhook.....	Washington.....	436
Sutton Pond, water surface.....	Raquette Lake.....	Columbia.....	225
Swart Mountain.....	Lake Pleasant.....	Hamilton.....	1,792
Sylvan Lake.....	Clove.....	Hamilton.....	3,043
		Dutchess.....	325
Taberg.....	Taberg.....	Oneida.....	560
Table Mountain.....	Slide Mountain.....	Ulster.....	3,856
Table Top Mountain.....	Mount Marcy.....	Essex.....	4,440
Taghkanick.....	Copake.....	Columbia.....	549
Talcottville.....	Port Leyden.....	Lewis.....	1,141
Tanners.....	Copake.....	Columbia.....	685
Tassell Hill triangulation station.....	Sangerfield.....	Oneida.....	1,944
Taylor.....	Pitcher.....	Cortland.....	1,092
Taylor Pond, water surface.....	Lake Placid.....	Franklin.....	1,371
Teed Corners.....	Calcedonia.....	Livingston.....	717
Tefft Pond, water surface.....	Lyon Mountain.....	Clinton.....	1,361
Tenant Lake, water surface.....	Stony Creek.....	Saratoga.....	1,663
Tenant Mountain.....	Stony Creek.....	Saratoga.....	2,761
Terre Hill.....	Syracuse.....	Onondaga.....	495
Terror Lake, water surface.....	Big Moose.....	Hamilton.....	2,032
Terry Mountain.....	Dannemora.....	Clinton.....	2,081
Terryville.....	Setauket.....	Suffolk.....	152
Texas.....	Fulton.....	Oswego.....	273
Texas Ridge.....	Schroon Lake.....	Essex.....	3,212
Thayer Lake, water surface.....	Big Moose.....	Hamilton.....	1,780
The Knob.....	Pittsfield.....	Columbia.....	1,602
Third Brother.....	Paradox Lake.....	Warren.....	1,956
Third Pond, water surface.....	Long Lake.....	Hamilton.....	1,869
Thirsty Pond, water surface.....	Big Moose.....	Herkimer.....	2,123
Thirteenth Lake, water surface.....	Thirteenth Lake.....	Warren.....	1,674

Locality.	Quadrangle.	County.	Elevation.
			<i>Fect.</i>
Thomas Cole Mountain.....	Durham.....	Greene.....	3,935
Thompson Corner.....	Canandaigua.....	Ontario.....	796
Thompson Corners.....	Kasoga.....	Oneida.....	514
Thompson Ridge.....	Ellenville.....	Orange.....	459
Thompsons Lake, water surface.....	Berne.....	Albany.....	1,283
Thorn Hill.....	Whitehall.....	Washington.....	1,173
Three Brothers.....	Ticonderoga.....	Essex.....	990
			1,142
			1,403
Thumb Pond, water surface.....	Newcomb.....	Essex.....	1,677
Thunderbolt Mountain.....	Paradox Lake.....	Essex.....	1,854
Thunder Hill.....	Neversink.....	Sullivan.....	2,242
Thurman.....	Luzerne.....	Warren.....	617
Thurman Pond, water surface.....	Schroon Lake.....	Essex.....	891
Ticetonyk Mountain.....	Kaaterskill.....	Ulster.....	2,527
Timmerman Hill.....	Catskill.....	Greene.....	598
Tioga Center.....	Owego.....	Tioga.....	792
Tiona.....	Apalachin.....	Broome.....	1,159
Tirrell Pond, water surface.....	Blue Mountain.....	Hamilton.....	1,916
Titicus Reservoir.....	Carmel.....	Westchester.....	328
Titusville.....	Loon Lake.....	Franklin.....	1,281
T Lake water surface.....	Piseco Lake.....	Hamilton.....	2,464
T Lake Mountain.....	Piseco Lake.....	Hamilton.....	3,052
Toddsville.....	Cooperstown.....	Otsego.....	1,236
Tolman Mountain.....	Lyon Mountain.....	Clinton.....	2,373
Tomany Mountain triangulation station.....	Piseco Lake.....	Hamilton.....	2,593
Tompkins Hill triangulation station.....	West Point.....	Putnam.....	1,145
Tongue Mountain.....	Blue Mountain.....	Hamilton.....	3,165
Tongue Mountain.....	Bolton.....	Warren.....	1,822
Tontshi Mountain.....	Kaaterskill.....	Ulster.....	1,310
Tower Mountain.....	Gilboa.....	Greene.....	2,980
Towerville Corners.....	Chautauqua.....	Chautauqua.....	1,303
Town Line.....	Depew.....	Erie.....	750
Town Line station.....	Depew.....	Erie.....	730
Townsend triangulation station.....	Salamanca.....	Cattaraugus.....	2,375
Townsendville.....	Ovid.....	Seneca.....	1,426
Tracy Creek.....	Apalachin.....	Broome.....	1,187
Traver Hill.....	Rhinebeck.....	Dutchess.....	693
Treadway Mountain.....	Paradox Lake.....	Essex.....	2,248
Triangle.....	Greene.....	Broome.....	1,055
Trinity Lake, water surface.....	Stamford.....	Westchester.....	463
Tripod Mountain.....	Elizabethtown.....	Essex.....	3,340
Tripp Pond, water surface.....	North Creek.....	Warren.....	958
Tripp Mountain.....	North Creek.....	Warren.....	1,636
Tristate.....	Port Jervis.....	Orange.....	548
Trout Lake, water surface.....	Bolton.....	Warren.....	791
Trout Lake, water surface.....	Piseco Lake.....	Hamilton.....	1,649
Trout Lake, water surface.....	Piseco Lake.....	Hamilton.....	2,136
Trout Lake Mountain.....	Piseco Lake.....	Hamilton.....	2,245
Trout Pond, water surface.....	Big Moose.....	Herkimer.....	1,666
Trout Pond, water surface.....	Newcomb.....	Essex.....	1,809
Trout Pond, water surface.....	Tupper Lake.....	St. Lawrence.....	1,776
Trumbull Mountain.....	Paradox Lake.....	Warren.....	1,913
Tully Center.....	Tully.....	Onondaga.....	1,250
Tupper Lake, water surface.....	Long Lake.....	Franklin.....	1,542
Tupper Lake, water surface.....	Tupper Lake.....	Franklin.....	1,542
		St. Lawrence.....	
Turkey Hill.....	Catskill.....	Dutchess.....	783
Turk Hill.....	Macedon.....	Monroe.....	866
Turnwood.....	Margaretville.....	Ulster.....	1,921
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Twin Mountain.....	Kaaterskill.....	Greene.....	3,647
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Twitchell Lake, water surface.....	Big Moose.....	Herkimer.....	2,050
Two Tops.....	Cambridge.....	Washington.....	1,742
Tyner.....	Oxford.....	Chenango.....	1,229
Typnaha Mountain.....	Olean.....	Cattaraugus.....	2,189
Ulster Heights.....	Slide Mountain.....	Ulster.....	1,021
Ulster Park.....	Rhinebeck.....	Ulster.....	149
Ulsterville.....	Ellenville.....	Ulster.....	420
Unadilla Forks.....	Winfield.....	Otsego.....	1,190
Union.....	Apalachian.....	Broome.....	834
Union Corners.....	Caledonia.....	Genesee.....	1,067
Union Hill.....	Macedon.....	Monroe.....	425
		Wayne.....	
Unionville.....	Bath.....	Steuben.....	1,584
Upper Ausable Lake, water surface.....	Mount Marcy.....	Essex.....	1,993
Upper Chateaugay Lake, water surface.....	Lyon Mountain.....	Clinton.....	1,312
Upper Pond, water surface.....	Long Lake.....	Hamilton.....	1,837
Upper Red Hook.....	Catskill.....	Dutchess.....	238
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Upton Pond, water surface.....	Rhinebeck.....	Dutchess.....	285
Utowana Lake, water surface.....	Blue Mountain.....	Hamilton.....	1,789
Utsayantha Mountain triangulation station.....	Raquette Lake.....		
	Hobart.....	Delaware.....	3,213
Vailsgate Junction.....	Schunemunk.....	Orange.....	281
Valatis triangulation station.....	Kinderhook.....	Columbia.....	243
Van Atten.....	Amsterdam.....	Schenectady.....	1,008
Vanburen.....	Baldwinsville.....	Onondaga.....	500
Vanburenville.....	Goshen.....	Orange.....	683
Vandenburg Pond, water surface.....	Gloversville.....	Fulton.....	1,385
Vanderberg Mountain.....	Whitehall.....	Washington.....	1,871
Vandercamp Pond, water surface.....	Kasoag.....	Oswego.....	472
Vanderwhacker Mountain.....	Newcomb.....	Essex.....	3,385
Vandeusenville.....	Canajoharie.....	Montgomery.....	735
Van Dorrien.....	Santononi.....	Franklin.....	3,025
Vanhornesville.....	Richfield Springs.....	Otsego.....	1,145
Van Keuren.....	Ellenville.....	Orange.....	382
Van Luven Lake, water surface.....	Catskill.....	Greene.....	208
Van Wyck Mountain.....	Slide Mountain.....	Ulster.....	3,260
Varick.....	Geneva.....	Seneca.....	542
Varna.....	Dryden.....	Tompkins.....	996
Vedder Hill.....	Catskill.....	Greene.....	615
Vega.....	Hobart.....	Delaware.....	1,820
Venice.....	Genoa.....	Cayuga.....	1,295
Venison Mountain.....	Newcomb.....	Essex.....	2,316
Vernal.....	Batavia.....	Wyoming.....	1,552
Vernon.....	Oneida.....	Oneida.....	598
Vernon Center.....	Oneida.....	Oneida.....	815
Verona station.....	Oneida.....	Oneida.....	470
Vestal.....	Apalachin.....	Broome.....	828
Vincent.....	Canandaigua.....	Ontario.....	902
Vinegar Hill.....	Phoenicia.....	Greene.....	2,069
Vinton.....	Schoharie.....	Schoharie.....	1,433
Virgil triangulation station.....	Harford.....	Cortland.....	2,133
Vly Mountain triangulation station.....	Phoenicia.....	Greene.....	3,476
Volney.....	Fulton.....	Oswego.....	443
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Wainwright Mountain.....	Lake Placid.....	Essex.....	1,633
Wait Corners.....	Clymer.....	Chautauqua.....	1,722
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Wakely Mountain.....	West Canada Lakes.....	Hamilton.....	3,617
Wakely Pond, water surface.....	Indian Lake.....	Hamilton.....	2,075
Walker.....	Fulton.....	Oswego.....	264
Walker Valley.....	Ellenville.....	Ulster.....	587
Wallace Mountain.....	Lake Pleasant.....	Hamilton.....	2,724
Wallington, crossing of New York Central & Hudson River R.R. and Northern Central R.R.	Palmyra.....	Wayne.....	405
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Warner Lake, water surface.....	Berne.....	Albany.....	1,190
Warn Lake, water surface.....	Oxford.....	Chenango.....	933
Wart triangulation station.....	Hartwick.....	Otsego.....	1,927
Washburn Mountain.....	Copake.....	Columbia.....	1,548
Washburn Ridge.....	Schroon Lake.....	Essex.....	2,938
Washington Mills.....	Oriskany.....	Oneida.....	612
Wassaic.....	Millbrook.....	Dutchess.....	458
Waterbarrel Mountain.....	Blue Mountain.....	Hamilton.....	2,730
Waterstreet triangulation station.....	Amsterdam.....	Schenectady.....	1,279
Watertown Center.....	Watertown.....	Jefferson.....	595
Water Valley.....	Eden.....	Erie.....	791
Watsonville.....	Schoharie.....	Schoharie.....	695
Watts Flats.....	Chautauqua.....	Chautauqua.....	1,453
Wawarsing.....	Slide Mountain.....	Ulster.....	286
Wayland.....	Wayland.....	Steuben.....	1,372
Wayne.....	Hammondsport.....	Schuyler.....	1,162
Wayne Four Corners.....	Hammondsport.....	Steuben.....	1,532
Wayneport.....	Macedon.....	Wayne.....	464
Weathersfield Springs.....	Portage.....	Wyoming.....	1,715
Webster Corners.....	Depew.....	Erie.....	808
Weller Pond, water surface.....	St. Regis.....	Franklin.....	1,536
Wellington Mountain.....	Richfield Springs.....	Otsego.....	1,900
Wende.....	Depew.....	Erie.....	791
West Alden.....	Depew.....	Erie.....	845
West Alden station.....	Depew.....	Erie.....	848
West Allen.....	Angelica.....	Allegany.....	1,689
West Bainbridge.....	Oxford.....	Chenango.....	1,281
West Batavia.....	Attica.....	Genesee.....	892

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West Bloomfield.....	Honeoye.....	Ontario.....	951
West Boquet Mountain.....	Willsboro.....	Essex.....	1,234
West Branch.....	Boonville.....	Oneida.....	1,005
West Branch Reservoir, water surface.....	Carmel.....	Putnam.....	502
West Butler.....	Clyde.....	Wayne.....	450
West Canada Lake, water surface.....	West Canada Lakes.....	Hamilton.....	2,367
West Canada Mountain triangulation station.....	West Canada Lakes.....	Hamilton.....	2,985
West Caroga Lake, water surface.....	Gloversville.....	Fulton.....	1,450
West Chazy.....	Lassellsville.....		
West Conesville.....	Moers.....	Clinton.....	265
West Copake.....	Gilboa.....	Schoharie.....	1,260
	Copake.....	Columbia.....	555
West Creek Mountain triangulation stations.....	Piseco Lake.....	Hamilton.....	2,450 2,480
West Day.....	Stony Creek.....	Saratoga.....	758
West Edmeston.....	Sangerfield.....	Madison.....	1,178
West Ellery.....	Chautauqua.....	Chautauqua.....	1,601
Westernville.....	Boonville.....	Oneida.....	577
West Farmington.....	Canandaigua.....	Ontario.....	648
West Fayette.....	Geneva.....	Seneca.....	540
West Kill Mountain.....	Phoenicia.....	Greene.....	3,777
West Kilns.....	Lake Placid.....	Franklin.....	3,925
West Lake, water surface.....	Big Moose.....	Herkimer.....	1,678
West Lake, water surface.....	Lassellsville.....	Fulton.....	1,719
West Laurens.....	Hartwick.....	Otsego.....	1,542
West Lowville.....	Carthage.....	Lewis.....	1,482
West Martinsburg.....	Carthage.....	Lewis.....	1,220
Westmoreland.....	Oriskany.....	Oneida.....	1,259
West Mountain triangulation station.....	Luzerne.....	Saratoga.....	528
West Mountain triangulation station.....	Raquette Lake.....	Hamilton.....	2,665
West Newark.....	Apalachin.....	Tioga.....	2,919
Weston.....	Hammondsport.....	Schuyler.....	980
West Perrysburg.....	Cherry Creek.....	Cattaraugus.....	1,199
West Perth.....	Gloversville.....	Fulton.....	1,153
West Pond, water surface.....	Raquette Lake.....	Hamilton.....	850
West Potsdam.....	Canton.....	St. Lawrence.....	1,904
West Richmondville.....	Richmondville.....	Schoharie.....	384
West Rooster Hill.....	Lassellsville.....	Fulton.....	1,378
West Rush.....	Honeoye.....	Monroe.....	2,240
West Shelby.....	Medina.....	Orleans.....	571
West Shokan.....	Slide Mountain.....	Ulster.....	673
West Stockholm.....	Potsdam.....	St. Lawrence.....	560
Westview.....	Nunda.....	Livingston.....	385
Westville.....	Cooperstown.....	Otsego.....	1,663
West Walworth.....	Macedon.....	Wayne.....	1,220
West Windsor.....	Binghamton.....	Broome.....	539
Wetmore.....	Highmarket.....	Lewis.....	1,334
Weverton.....	North Creek.....	Warren.....	1,991
Whaley Pond, water surface.....	Cove.....	Dutchess.....	1,074
Wheeler Mountain.....	Stony Creek.....	Warren.....	690
Wheeler Mountain triangulation station.....	Tupper Lake.....	St. Lawrence.....	2,570
Wheeler station.....	Canandaigua.....	Ontario.....	2,183
Wheelerville.....	Gloversville.....	Fulton.....	844
Whey Pond, water surface.....	St. Regis.....	Franklin.....	1,585
Whipple Mountain.....	Willsboro.....	Essex.....	1,577
Whitaker Lake, water surface.....	Indian Lake.....	Hamilton.....	974
Whiteface Mountain.....	Lake Placid.....	Essex.....	1,763
Whitehouse.....	Lake Pleasant.....	Hamilton.....	4,872
Whitelaw.....	Chittenango.....	Madison.....	1,306
White Lily Pond, water surface.....	Hoosick.....	Rensselaer.....	425
White Plains.....	Tarrytown.....	Westchester.....	1,559
White Pond, water surface.....	Clove.....	Putnam.....	201
White Rock.....	Hoosick.....	Rensselaer.....	826
White Rocks.....	Berlin.....	Rensselaer.....	2,628
Whitesboro.....	Oriskany.....	Oneida.....	2,242
Whites Corners.....	Eden.....	Erie.....	415
Whites Hill.....	Sheffield.....	Columbia.....	1,200
Whites Hill triangulation station, north brow.....	Potsdam.....	St. Lawrence.....	1,713
Whites Hill triangulation station, south brow.....	Potsdam.....	St. Lawrence.....	1,427
Whitney Lake, water surface.....	West Canada Lakes.....	Hamilton.....	1,436
Wickham Lake, water surface.....	Goshen.....	Orange.....	2,452
Wilber Lake, water surface.....	Hartick.....	Otsego.....	521
Wilcox Lake, water surface.....	Stony Creek.....	Warren.....	1,520
Wildcat Mountain.....	Slide Mountain.....	Ulster.....	1,444
Wilhelm.....	Depew.....	Erie.....	3,268
Willard Mountain.....	Schuylerville.....	Washington.....	731
Willet triangulation station.....	Canajoharie.....	Montgomery.....	1,373
Williamson station.....	Palmyra.....	Wayne.....	894
Willis Lake, water surface.....	Stony Creek.....	Hamilton.....	417
Willis Mountain.....	Indian Lake.....	Hamilton.....	1,303
Willow Creek.....	Genoa.....	Seneca.....	2,440
Willow Glen.....	Dryden.....	Tompkins.....	746
			1,058

Locality.	Quadrangle.	County.	Elevation.
			<i>Feet.</i>
Willow Point.....	Binghamton.....	Broome.....	847
Willseyville.....	Dryden.....	Tioga.....	940
Wilmington.....	Lake Placid.....	Essex.....	1,019
Wilmurt Lake, water surface.....	Piseco Lake.....	Hamilton.....	2,466
Wilson Creek.....	Harford.....	Tioga.....	1,106
Wilton.....	Schuylerville.....	Saratoga.....	348
Windecker.....	Carthage.....	Lewis.....	1,673
Windfall Pond, water surface.....	St. Regis.....	Franklin.....	1,639
Windham High Peak.....	Durham.....	Greene.....	3,505
Winterton.....	Ellenville.....	Sullivan.....	599
Wiscov.....	Portage.....	Allegany.....	1,224
Witchhopple Lake, water surface.....	Big Moose.....	Herkimer.....	1,743
Wittenberg Mountain.....	Phoenicia.....	Ulster.....	3,802
W Mountain.....	Loon Lake.....	Franklin.....	2,734
Wolcottsburg.....	Lockport.....	Erie.....	586
Wolf Jaws.....	Mount Marcy.....	Essex.....	4,225
Wolf Hill.....	Albany.....	Albany.....	1,684
Wolf Pond, water surface.....	Blus Mountain.....	Hamilton.....	2,362
Wolf Pond, water surface.....	Loon Lake.....	Franklin.....	1,514
Wolf Pond, water surface.....	Loon Lake.....	Franklin.....	1,512
Wolf Pond, water surface.....	St. Regis.....	Franklin.....	1,563
Wolf Pond, water surface.....	Schroon Lake.....	Essex.....	1,832
Wolf Pond Mountain.....	Schroon Lake.....	Essex.....	3,473
Wolf Reservoir, water surface.....	Monticello.....	Sullivan.....	1,497
Woodbridge Corners.....	Ogdensburg.....	St. Lawrence.....	353
Wood Falls.....	Moers.....	Clinton.....	480
Woodhull Lake, water surface.....	McKeever.....	Herkimer.....	1,880
Woodman Pond, water surface.....	Old Forge.....	Madison.....	1,123
Woods Corners.....	Morrisville.....	Madison.....	1,013
Woods Lake, water surface.....	Norwich.....	Chenango.....	1,984
Woods Lake, water surface.....	Big Moose.....	Herkimer.....	1,375
Woods Lake, water surface.....	Lake Pleasant.....	Hamilton.....	1,073
Woods Lake, water surface.....	Monticello.....	Sullivan.....	315
Woodville.....	Sacketts Harbor.....	Jefferson.....	1,413
Worcester.....	Richmondville.....	Otsego.....	2,140
Worden Hill triangulation station.....	Naples.....	Ontario.....	1,239
Worth.....	Watertown.....	Jefferson.....	389
Wurtenburg.....	Rhinebeck.....	Dutchess.....	2,272
Wyman Hill.....	Schroon Lake.....	Essex.....	
Yankee Reservoir, water surface.....	Monticello.....	Sullivan.....	1,434
Yates.....	Ridgeway.....	Orleans.....	325
Yellow Lake, water surface.....	Hammond.....	St. Lawrence.....	342
York Center.....	Caledonia.....	Livingston.....	623
Zack Pond, water surface.....	Newcomb.....	Essex.....	1,855
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