

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD-ORDER TRANSIT TRAVERSE
North American Datum of 1927

OFFICE COPY HOLD

PATERSON QUADRANGLE
N. J. 42 - N. Y. 15
N4045 W7400/15

Bergen, Essex, Hudson and Passaic Counties, New Jersey;
New York City, New York

Edition of 8/21/67

Magnetic declination 11°20' W. (1967)
Annual change 3' W.

Plane coordinates are based on transverse Mercator projection,
New Jersey and New York, East Zone, and on Lambert
projection, New York, Long Island Zone

Only the permanent marks are listed for lines run more than
25 years before above edition date

INDEX OF PERMANENT MARKS

MARK (USGS)	PAGE NO.	LINE NO.	STA. NO.
TT 2 G 1934	1,1	1,2	48=499
TT 5 G 1934	2	4	262
TT 6 G 1934	2	4	278
TT 7 G 1934	2	4	307
TT 9 G 1934	1	2	553
TT 10 G 1934	2	2	632
1 G 1934	1,2	1,2	87+=648A
3 G 1934	1	1	55+
11 G 1934	2	3	660
12 G 1934	2	3	684A
13 G 1934	2	3	617A
14 G 1934	2	2	606A
15 G 1934	2	2	588+
17 G 1934	1	2	547

USC&GS AND STATE SURVEY

802	2	2	565
803	2	2	565A
826	2	3	668A
1419	2	3	680A
1420	2	3	682

USC&GS

HIGH MOUNTAIN 1883	2	4	278E
PARAMUS 1882	1	1	77A
TEANECK 1933	1	2	544A
TRESTLE 1914	2	3	565B
N 12 1933	2	3	694A

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	' "	' "

LINE 1.

E. C. Garthe, 1934; Book D1095

48. River Vale, about 2.0 mi S. of; at SE. corner of inter-
section of River Vale Road and Westwood Avenue; 64 ft SE. of
spike at intersection; 1 ft N. of E.-W. row of maple trees;
32 ft E. of centerline of River Vale Road; in concrete post;
standard tablet stamped "TT 2 G 1934" *N.F. 1955*

N.J.)	X = 2,182,303	Y = 787,998	40 59 40.90	74 00 22.63
L.I.)	X = 1,998,265	Y = 280,231		
N.Y. E.)	X = 590,283	Y = 362,536		

55+. Westwood; on SE. corner of Westwood Avenue and Broadway,
adjacent to Erie Railroad tracks; at W. end of Westwood Trust
Company building; in large granite doorsill; standard tablet
stamped "3 G 1934"

N.J.)	X = 2,174,941	Y = 786,648	40 59 28.10	74 01 58.76
L.I.)	X = 1,990,893	Y = 278,937		
N.Y. E.)	X = 582,916	Y = 361,214		

[Jogs into Ramapo quadrangle]

77A. USC&GS triangulation station designated "PARAMUS 1882"
(unchecked position)

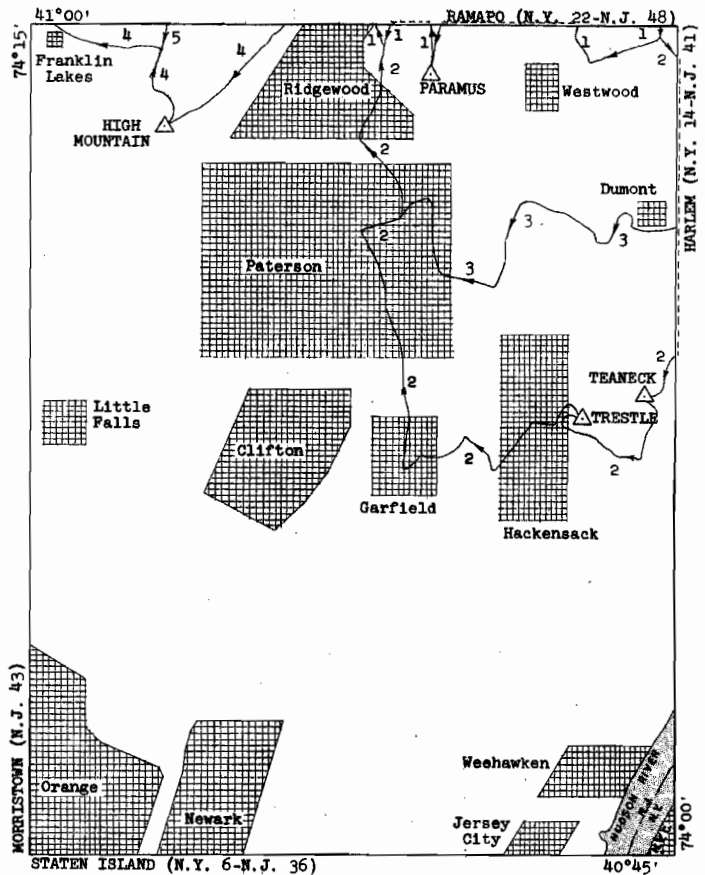
N.J.)	X = 2,158,495	Y = 784,366	40 59 06.68	74 05 33.39
N.Y. E.)	X = 566,462	Y = 358,995		

[Jogs into Ramapo quadrangle]

37+. Hohokus; on E. side of Saddle River Road; 500 ft N. of
intersection with Franklin Turnpike (New Jersey Highway 2);
in S. end of first step below sill at entrance of public
schoolhouse; standard tablet stamped "1 G 1934" *1955*
DESTROYED

N.J.)	X = 2,153,711	Y = 789,359	40 59 56.32	74 06 35.36
N.Y. E.)	X = 561,697	Y = 364,006		

[Enters Ramapo quadrangle]



STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	' "	' "

LINE 2.

E. C. Garthe, 1934; Book D1100

499=48. "TT 2 G 1934" (Described in line 1)

N.J.)	X = 2,182,303	Y = 787,998	40 59 40.90	74 00 22.63
L.I.)	X = 1,998,265	Y = 280,231		
N.Y. E.)	X = 590,283	Y = 362,536		

[Jogs into Harlem quadrangle]

544A. USC&GS standard triangulation station disk designated
"TEANECK 1933"

N.J.)	X = 2,181,800	Y = 750,263	40 53 28.100	74 00 32.881
L.I.)	X = 1,997,475	Y = 242,502		

547. Teaneck; on W. side of Teaneck Road; 300 ft N. of inter-
section with Cedar Lane at rd. fork W.; in concrete sill of front
entrance to Municipal building; 2 ft from NE. edge and 0.5 ft
from edge of base of column; standard tablet stamped "17 G 1934"

N.J.)	X = 2,182,193	Y = 748,085	40 53 06.55	74 00 27.98
L.I.)	X = 1,997,851	Y = 240,321		

553. Teaneck; 122 ft W. of Teaneck Road; 27 ft S. of Fort Lee
Road; 2 ft E. of Standard Oil Company property line; 2 ft S. of
base of light standard; in concrete; standard tablet stamped
"TT 9 G 1934"

N.J.)	X = 2,180,288	Y = 742,684	40 52 13.33	74 00 53.30
L.I.)	X = 1,995,905	Y = 234,935		

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE " "	LONGITUDE " "	STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE " "	LONGITUDE " "
565.	Hackensack; on W. side of Old River Road near junction of River Road; 57 ft NE. of NE. corner of metal shed; 22 ft S. of corner of building; 15 ft W. of centerline of Old River Road; 10 ft E. of W. curb; in concrete in cast iron box flush with pavement; USC&GS and State Survey standard disk stamped "802"			694A.	Arcola; on State Highway 4; at bridge over Saddle River; 45 ft N. of centerline of hwy.; in top of E. end of N. ballustrade of bridge; 4 ft higher than sidewalk; USC&GS standard disk stamped "N 12 1933"		
N.J.)	X = 2,172,598 Y = 746,586	40 52 52.43	74 02 33.04	N.J.)	X = 2,158,955 Y = 762,805	40 55 33.61	74 05 29.25
L.I.)	X = 1,988,244 Y = 238,894						
565A.	Hackensack; 28 ft SE. of centerline of River Road; 80 ft NE. of centerline of New York, Susquehanna and Western Railroad; 80 ft SE. of tack in pole; in concrete flush with sidewalk; USC&GS and State Survey standard disk stamped "803"						
N.J.)	X = 2,172,925 Y = 747,484	40 53 01.28	74 02 28.70				
L.I.)	X = 1,988,578 Y = 239,790						
565B.	USC&GS standard triangulation station disk stamped "TRUSTLE 1914"						
	<i>N.F. 1955</i>						
N.J.)	X = 2,174,452 Y = 746,863	40 52 55.041	74 02 08.880				
L.I.)	X = 1,990,100 Y = 239,158						
588A.	Garfield; at junction of Midland Avenue and Passaic Street; 100 ft W. of centerline of Midland Avenue; 36 ft N. of centerline of Passaic Street; 150 ft E. of Erie Railroad; in limestone sill in first National Bank Building; 1 ft from W. edge; 0.2 ft from S. face of building; standard tablet stamped "15 G 1934"						
N.J.)	X = 2,155,270 Y = 741,096	40 51 59.35	74 06 19.07				
606A.	Passaic Junction; 0.5 mi N. of junction of Midland Avenue and Van Riper Avenue; 250 ft W. of rd. fork W.; on E. end of overpass of Erie Railroad over Van Riper Avenue; in S. concrete wingwall, 1 ft from N. and E. edges; four ft above ground; standard tablet stamped "14 G 1934"						
	X = 2,154,617 Y = 755,284	40 54 19.58	74 06 26.38				
617A.	Radburn; on NE. corner of junction of Fairlawn Avenue and Plaza Road N.; 8 ft inside of W. building; 0.5 ft from inside wall; in alcove at front center entrance of Radburn Plaza Building which faces W.; standard tablet stamped "13 G 1934"						
	X = 2,150,967 Y = 767,811	40 56 23.58	74 07 12.90				
632.	Glen Rock; 20 ft SW. of Maple Avenue; 20 ft NW. of S. Ackerman Avenue; at intersection of projected inside sidewalk lines; in concrete curb; standard tablet stamped "TT 10 G 1934"						
N.J.)	X = 2,150,097 Y = 777,238	40 57 56.78	74 07 23.47				
N.Y. E.)	X = 558,037 Y = 351,899						
648A=87+.	"1 G 1934" (Described in line 1) DESTROYED <i>r. 1955</i>						
N.J.)	X = 2,153,711 Y = 789,359	40 59 56.32	75 06 35.36				
N.Y. E.)	X = 561,697 Y = 364,006						
	<u>LINE 3.</u>						
	E. C. Garthe, 1934; Book D1100						
660.	New Milford; 830 ft N. of Madison Avenue; 150 ft W. of centerline of River Road; at SE. corner of entrance to N. section of Junior High School; close to southernmost of four pillars; 0.6 ft from front and side edges of entrance; standard tablet stamped "11 G 1934"						
N.J.)	X = 2,178,282 Y = 768,855	40 56 32.06	74 01 16.90				
L.I.)	X = 1,994,098 Y = 261,120						
668A.	Borough of Riverside, on N. side of River Edge Road; on line with E. edge of W. sidewalk of Centre Avenue; 83 ft NW. of jamb of cellar window; 62 ft SE. of house foundation; in concrete post; USC&GS and State Survey standard disk stamped "826"						
N.J.)	X = 2,175,711 Y = 766,189	40 56 05.90	74 01 50.67				
L.I.)	X = 1,991,507 Y = 258,473						
680A.	Borough of Paramus; 0.9 mi N. of Century Road; on W. side of Farview Avenue; 70 ft N. of pole on E. side of Farview Avenue; 67 ft W. of pole on E. side of Farview Avenue; 61 ft N. of pole on W. side of Farview Avenue; in concrete post; USC&GS and State Survey standard disk stamped "1419"						
N.J.)	X = 2,167,101 Y = 767,665	40 56 21.09	74 03 42.71				
682.	Borough of Paramus; 0.6 mi N. of Century Road; on W. side of Farview Avenue; in concrete post; USC&GS and State Survey standard disk stamped "1420"						
	X = 2,166,650 Y = 766,173	40 56 06.38	74 03 48.70				
684A.	Farview, 1.5 mi NE. of Arcola; on W. side of Farview Avenue; in front center entrance to Farview School; in concrete sill, 3.5 ft from N. end and 1.6 ft from front edge; standard tablet stamped "12 G 1934"						
	X = 2,166,088 Y = 764,477	40 55 49.66	74 03 56.18				

LINE 4.

E. C. Garthe, 1934; Book D1096

262. Wortendyke; 150 ft W. of N.Y., S. and W. RR. station; 292 ft SW. of, and perpendicular to S. rail of single track; 20 ft E. of cross cut on bolt head of switch device; on S. corner of concrete block formerly used as base for semaphore signal; standard tablet stamped "TT 5 G 1934"

N.J.) X = 2,141,374 Y = 788,557 40 59 49.14 74 09 16.31
N.Y. E.) X = 549,358 Y = 363,251

278. North Haledon; 22 ft S. and 60 ft W. of actual intersection of Belmont Avenue and Sicomac Road; 31 ft N. and 27 ft E. of arrows cut on rocks; in stone on bank; standard tablet stamped "TT 6 G 1934" *N.F. 1955*

N.J.) X = 2,130,690 Y = 779,493 40 58 20.18 74 11 36.27
N.Y. E.) X = 538,640 Y = 354,228

278E. USC&GS triangulation station designated "HIGH MOUNTAIN 1883" *N.F. 1955*

N.J.) X = 2,129,222 Y = 778,831 40 58 13.714 74 11 55.456
N.Y. E.) X = 537,169 Y = 353,572

307. Franklin Lake, 1.0 mi SE. of; 52 ft SW. of spike in intersection of Franklin Lake Road and Colonial Road (T-rd. NE.); 1 ft W. of row of maple trees on W. side of private driveway; in concrete post; standard tablet stamped "TT 7 G 1934"

N.J.) X = 2,119,178 Y = 788,929 40 59 54.00 74 14 05.74
N.Y. E.) X = 527,164 Y = 363,708

Enters Ramapo quadrangle

LINE 5.

E. C. Garthe, 1934; Books D1096-7

There are no permanent marks on this line in this quadrangle.