

THIRD-ORDER HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

OFFICE COPY ~~FOR~~ ~~FILE~~ ~~IN~~ ~~THE~~ ~~QUADRANGLE~~

41-074-21

28 NEW YORK

N4115-W7400/15

DIAGRAM NK 18-8

SCRANTON

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Orange and Rockland Counties

Final adjustment of 1967

Edition of 1/15/75

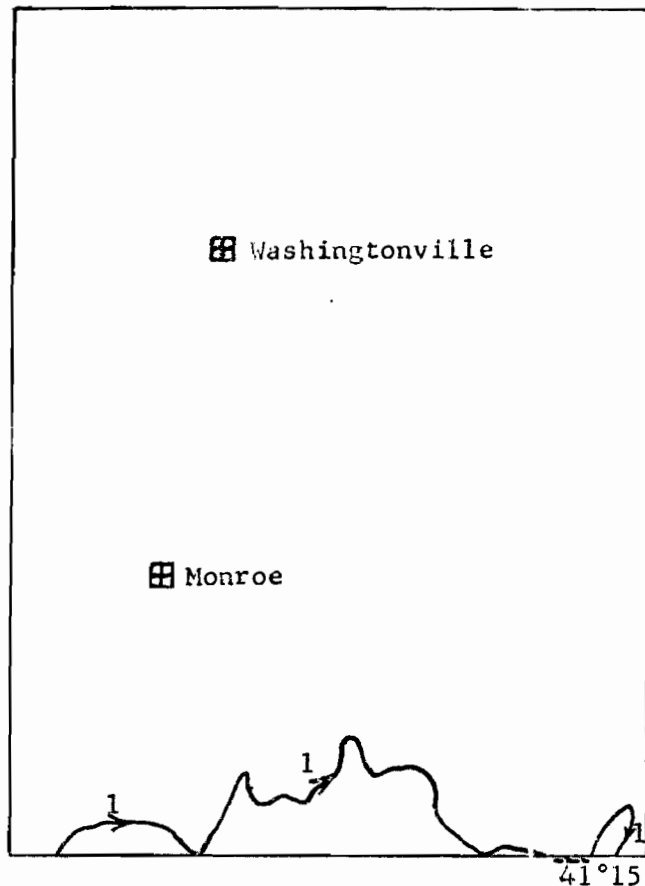
PR: CRV/sws

Plane coordinates are based on  
transverse Mercator projection,  
New York, East Zone

NEWBURGH  
(34)

GOSHEN  
(29 N.Y. -53 N.J.)

WEST POINT  
(27)



X = 522,916  
Y = 455,395

RAMAPO  
(22 N.Y. -48 N.J.)

28 NEW YORK  
SCHUNEMUNK QUADRANGLE

41-074-21  
N4115-W7400/15

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

LINE 1.

By J. C. Strongoski, 1952; Book AH 290

1084+. Centerline of rd. at rd. NE.

X = 527,654	Y = 455,638	41 15 02.35	74 13 57.97
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/Jogs into Ramapo quadrangle/

1095+. Centerline of rd. at center  
of bridge over small creek

X = 528,852	Y = 456,806	41 15 13.87	74 13 42.26
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1102+. Centerline of rd. at private  
drive SE.

X = 530,222	Y = 457,944	41 15 25.10	74 13 24.30
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1113+. Centerline of rd. at private  
drive NW.

X = 532,923	Y = 458,694	41 15 32.47	74 12 48.92
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1129. Southfields, 0.9 mi NW. of junction of State Highway 17 and macadam rd.,  
thence 0.8 mi W.; 30 ft N. and 95 ft W. of rd. junction; 14 ft W. of W. edge  
of rock boulder; 54 ft SE. of 8-in. hickory tree; in concrete post; standard  
tablet stamped "TT 12 JCS 1952"

X = 537,756	Y = 458,771	41 15 33.17	74 11 45.64
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1140a. Centerline of rd. at private  
drive N.

X = 540,324	Y = 457,447	41 15 20.04	74 11 12.05
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1144+. Centerline of rd. at rd. W.

X = 541,729	Y = 456,417	41 15 09.84	74 10 53.69
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/Jogs into Ramapo quadrangle/

1161+. Center of RR. bed at center  
of small concrete bridge over  
drainage ditch

X = 548,038	Y = 460,308	41 15 48.17	74 09 30.97
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE			LONGITUDE		
		°	'	"	°	'	"
<u>LINE 1 (Cont'd.)</u>							
1162+.	Center of RR. bridge over creek	X = 548,737	Y = 461,710	41	16	02.01	74 09 21.79
1171.	Southfields, 1.7 mi NE. of bridge, along State Highway 17, thence 0.7 mi E. to dirt rd. S.; 25 ft S. and 10 ft W. of rd. intersection; 10 ft N. of 15-in. ash tree; 17 ft NW. of 15-in. hickory tree; in concrete post; standard tablet stamped "TT 13 JCS 1952"	X = 549,631	Y = 460,842	41	15	53.42	74 09 10.10
1176+.	Centerline of rd. at old woods rd. NE.	X = 551,738	Y = 461,259	41	15	57.49	74 08 42.50
1188+.	Crossroads	X = 553,556	Y = 460,609	41	15	51.03	74 08 18.72
1203.	Southfields, 1.7 mi NE. of bridge, along State Highway 17, thence 2.8 mi E. to dirt rd. SE.; 35 ft S. and 5 ft W. of intersection; 11 ft S. of rock boulder; 10 ft W. of 18-in. birch tree; in concrete post; standard tablet stamped "TT 14 JCS 1952"	X = 557,439	Y = 463,424	41	16	18.75	74 07 27.78
1203a.	Centerline of rd. at rd. SE.	X = 557,444	Y = 463,460	41	16	19.11	74 07 27.72
1212a.	Centerline of rd. at rd. W.	X = 558,423	Y = 465,690	41	16	41.12	74 07 14.82
1217+.	NW. corner of grassy island	X = 560,396	Y = 465,094	41	16	35.18	74 06 49.00
1224+.	Centerline of rd. at rd. W.	X = 562,060	Y = 464,187	41	16	26.18	74 06 27.24
1233.	Centerline of rd. at rd. NE.	X = 565,020	Y = 465,520	41	16	39.27	74 05 48.43

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

LINE 1 (Cont'd.)

1237. Lake Tiorati, 0.3 mi W. of traffic circle at N. end of lake, to top of hill and dirt rd. NE.; 33 ft S. and 16 ft E. of, and 2 ft higher than rd. intersection; 14 ft NE. of 15-in. oak tree; 29 ft NW. of NW. end of rock boulder; in concrete post; standard tablet stamped "TT 15 JCS 1952"

X = 565,743	Y = 464,541	41 16 29.58	74 05 38.99
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1240+. NW. corner of building  
in center of traffic circle

X = 567,342	Y = 464,780	41 16 31.90	74 05 18.05
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1247+. Centerline of rd. at short  
rd. NW.

X = 568,310	Y = 462,943	41 16 13.72	74 05 05.44
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1256a. Centerline of triangular rd.  
junction at lake rd. leading W.

X = 568,452	Y = 460,882	41 15 53.35	74 05 03.66
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1261+. Crossroads

X = 568,001	Y = 459,289	41 15 37.62	74 05 09.62
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1267. Lake Tiorati, 1.55 mi SE. of traffic circle at N. end of lake; to woods rd. W. opposite athletic field; 21 ft S. and 6 ft W. of, and level with rd. intersection; 38 ft SW. of edge of rock boulder; 34 ft E. of 15-in. walnut tree; in concrete post; standard tablet stamped "TT 16 JCS 1952"

X = 569,214	Y = 458,544	41 15 30.23	74 04 53.76
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1280+. Centerline of rd. at woods  
rd. W.

X = 573,320	Y = 456,472	41 15 09.63	74 04 00.09
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/Jogs into Ramapo quadrangle/

1314+. Centerline of rd. at  
private rd. W.

X = 585,478	Y = 455,865	41 15 03.24	74 01 20.94
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1319+. Centerline of rd. at  
private rd. SW.

X = 586 360	Y = 457 560		
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28 NEW YORK  
SCHUNEMUNK QUADRANGLE

41-074-21  
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STATION            DESCRIPTION  
                  PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

LINE 1 (Cont'd.)

1326.    Bulsontown, 0.15 mi W. of creek bridge; to rd. leading NW.; 7 ft S. and  
         25 ft W. of, and 3 ft higher than rd. intersection; 32 ft N. of NE. corner  
         of house; 6 ft NW. of rock boulder in yard; in concrete post; standard tablet  
         stamped "TT 18 JCS 1952"

          X = 587,312            Y = 458,790            41 15 32.07            74 00 56.80

1326+.   Centerline of rd. at rd. NE.

          X = 587,839            Y = 458,575            41 15 29.93            74 00 49.91

1332+.   Centerline of rd. at private  
          rd. E.

          X = 587,742            Y = 456,510            41 15 09.53            74 00 51.27