

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

TUNKHANNOCK QUADRANGLE
191 PENNSYLVANIA
N4130-47545/15
DIAGRAM NK 18-8
SCRANTON

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

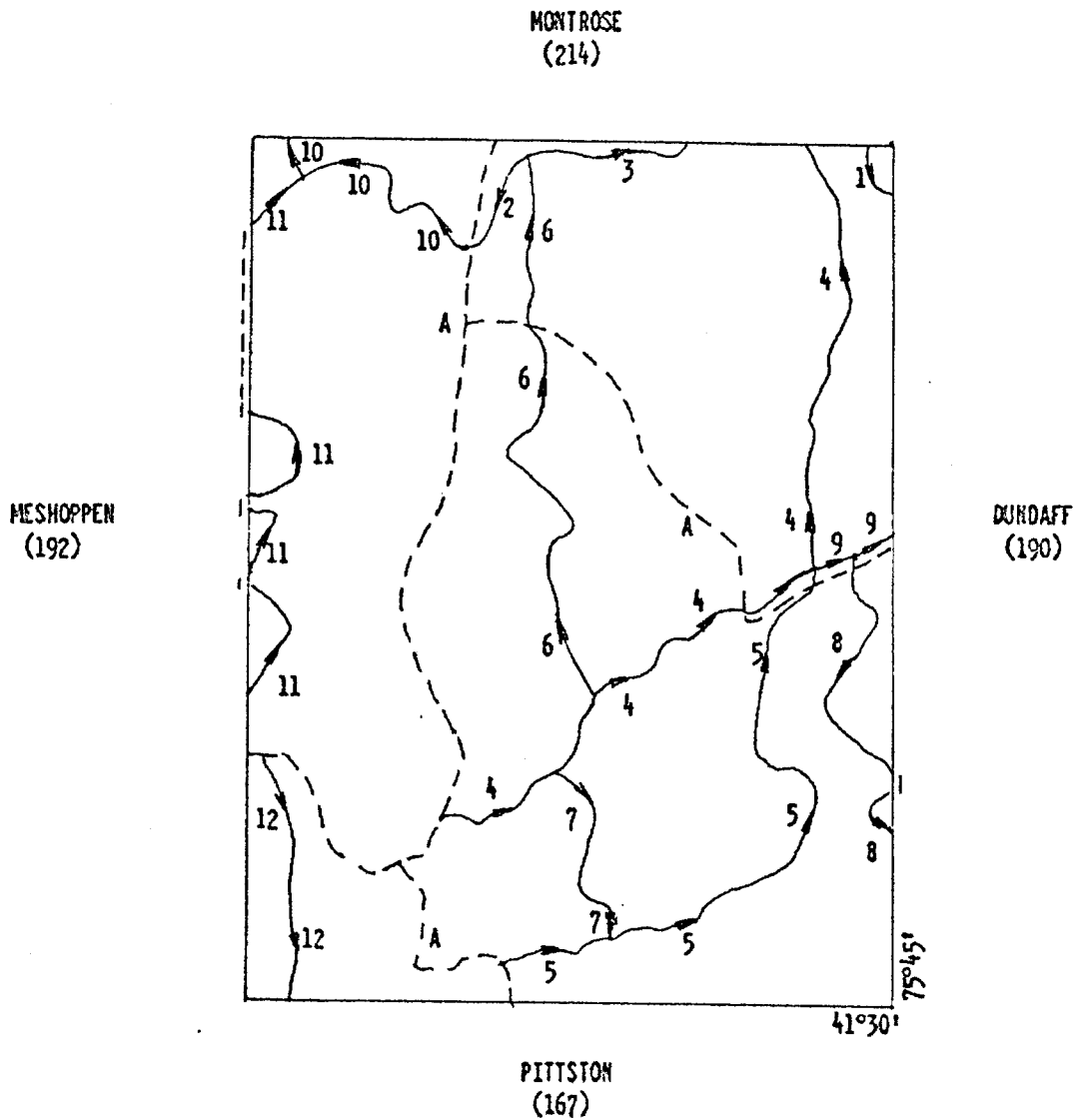
Lackawanna, Susquehanna and Wyoming Counties

Final adjustment of 1971

Edition of 9/11/72

PR: GJK/jyk

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



NGS (USCGS) VERTICAL CONTROL DATA

A. Quadrangle 410754

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LINE 1.

	<u>Feet</u>
C. E. Walker, 1931; Book B 4645; relevelled by R. E. Wells, 1942	
U.E., Kingsley, 1.2 mi S. of; 15 ft W. of U. S. Highway 11; on SE. corner of concrete pier to Delaware, Lackawanna and Western RR. bridge; chiseled square	956.32
Oakley; 24 ft S. and 24 ft E. from intersection of crossroad; 335 ft W. of rd. tunnel under RR.; 3 ft S. of fenceline; 29 ft W. of Lackawanna Trail; in concrete post; standard tablet stamped "TT STA NO 19 A 1929"	943.818
Reference mark; 15 ft NE. of tablet; on E. end of concrete culvert; chiseled square	943.90
U.E., Oakley; 0.2 mi E. of crossroad; on N. side of rd. forks; on corner of stone fence; chiseled square	1075.31

LINE 2.

F. B. Neary, 1942; Book B 9386	
Dimock; 0.11 mi S. of Lehigh Valley RR. station; 200 ft S. of rd. crossing; at Benninger Lumber Company; 30 ft E. of tracks; in huge boulder; standard tablet stamped "I N 1942"	1496.964
Tyler; 0.1 mi S. of Lehigh Valley RR. milepost 223; 0.1 mi W. of State Highway 29; 14 ft S. of dirt rd.; 12 ft W. of center of track and about 1 ft higher than top of rail; in concrete post projecting about 0.8 ft above ground; Commonwealth of Pennsylvania standard disk stamped "E 58 1934"	1598.928

LINE 3.

F. B. Neary, 1942; Book B 9386	
Dimock; 320 ft E. of crossing of State Highway 29 and E.-W. rd.; 250 ft SW. of Dimock Township School; on S. side of rd.; in N. face of concrete foundation to porch pillar; at NW. corner of community building; standard tablet stamped "TT 2 K 1931" (Reported destroyed, 1966)	1524.658
Reference mark; 90 ft NW. of tablet; on N. edge of rd.; on boulder; chiseled square	1517.78
U.E., Dimock, 1.7 mi E. of; 75 ft E. of barn; at T-rd. N.; on S. edge of rd.; on boulder; chiseled square	1262.41
Dimock, 2.5 mi E. of; 2.5 mi SW. of Brooklyn; about 0.2 mi NW. of crossing of Dimock-Brooklyn Road and Meshoppen Creek; 220 ft N. of old residence of Walter Lord; in pasture; 150 ft NW. of barn and 240 ft W. of junction of Dimock-Brooklyn Road and Meshoppen Road; in large boulder; standard tablet stamped "TT 6 K 1931"	1105.904
Reference mark; 0.15 mi E. of tablet; on W. end of N. concrete base of railing of bridge over Meshoppen Creek; chiseled square	1071.20
U.E., Brooklyn, 1.5 mi W. of; about 200 ft E. of Wayne Bennett farmhouse; on SW. corner of N. headwall of culvert; chiseled square	1455.93

1942

LINE 4.Feet

R. E. Wells, 1942; Book B 9650	
U.E., Marcy, 1.15 mi S. of; about 1.2 mi NE. of Tunkhannock; 0.4 mi NE. of crossroad; 15 ft NW. of center of rd.; between two houses; on top of NE. end of rock; chiseled square	752.42
Tunkhannock, 2.1 mi NE. of, along State Highway 92 from intersection of Bridge and Tioga Streets; 0.28 mi SE. of forks of rd. W.; at bridge over stream; 18 ft NW. of center of hwy.; in top of NE. abutment; PDH standard disk stamped "L 36 WE 1942"	621.726
Reference mark; 33 ft N. of tablet; 15 ft SE. of hwy.; on NE. abutment of bridge; chiseled square	621.65
U.E., Tunkhannock, 3.25 mi NE. of, along hwy.; 56 ft E. of forks of rd. E.; at tavern; on top of NE. end of concrete block; chiseled square	674.66
Tunkhannock, 4.7 mi NE. of, along hwy., thence 1.3 mi E. along tarvia rd.; 0.7 mi W. of Bardwell; 350 ft NW. of house; 14 ft NE. of center of rd.; 24 ft SE. of telephone pole; in top of rock; standard tablet stamped "L 37 WE 1942"	675.481
Reference mark; 20 ft SE. of tablet; 14 ft NE. of center of rd.; on top of rock; chiseled square	672.97
U.E., Bardwell; 45 ft S. of rd. forks; 5.4 mi NE., thence 2.0 mi E. from Tunkhannock; 10 ft W. of center of rd.; on N. abutment of bridge; chiseled square	659.44
U.E., Bardwell, 1.0 mi NW. of, along dirt rd.; 1.2 mi S. of East Lemon; 29 ft E. of center of rd.; on top of rock; chiseled square	671.44
East Lemon, 0.2 mi S. of, along dirt rd.; at bridge over Tunkhannock Creek; 9 ft E. of center of rd.; in top of S. abutment of bridge; standard tablet stamped "L 38 WE 1942"	659.046
Reference mark; 137 ft N. of tablet; 12 ft W. of center of rd.; on top of N. abutment of bridge; chiseled square	659.52
U.E., East Lemon; 33 ft S. of crossroad; intersection of State Highway 92 and dirt rd.; in rock; top of iron bolt	700.28
U.E., East Lemon, 1.05 mi NE. of, along hwy.; 142 ft E. of private lane; 18 ft S. of center of hwy.; on top of E. side of stone culvert; chiseled square	670.68
East Lemon, 2.2 mi NE. of, along hwy.; 290 ft NE. of junction of rd. to Creek Shore Park; 120 ft NW. of center of hwy.; 51 ft NW. of dirt rd.; in top of rock; standard tablet stamped "L 39 WE 1942"	706.631
Reference mark; 187 ft SW. of tablet; 23 ft NW. of center of hwy.; on top of NE. end of stone culvert; chiseled square	702.83
U.E., East Lemon, 3.4 mi NE. of, along hwy.; on top of W. abutment of bridge over stream; chiseled square	726.86

LINE 4 (Cont'd.)

1942

Feet

East Lemon, 4.2 mi NE. of, along hwy.; 485 ft NW. of rd. forks; 14 ft NE. of center of rd.; in top of SE. abutment of bridge; P&H standard disk stamped "L 40 WE 1942"	707.031
Reference mark; 470 ft SE. of tablet; 42 ft NE. of center of rd. forks; on top of stone culvert; chiseled square	707.43
U.E., East Lemon, 5.4 mi NE. of, along hwy.; 0.9 mi SW. of Nicholson; 16 ft SE. of center of hwy.; on SW. abutment of bridge; chiseled square	726.47
Nicholson, 0.9 mi SW. of, along hwy., thence 1.3 mi N., along dirt rd.; 80 ft S. of dwelling of R. S. White; 30 ft E. of center of rd.; 28 ft SE. of fence corner; in top of boulder; standard tablet stamped "L 41 WE 1942"	900.185
Reference mark; 120 ft N. of tablet; 12 ft E. of rd.; on rock; chiseled square	899.03
U.E., Nicholson, 0.9 mi SW. along hwy., thence 2.3 mi N. along dirt rd.; 36 ft W. of center of forks of tarvia rd. and rd. W.; 70 ft N. of bridge; on top of boulder; chiseled square	907.87
Nicholson, 3.15 mi N. of, along tarvia rd.; 230 ft S. of small bridge; 55 ft W. of center of rd.; 30 ft N. of driveway to barn; 28 ft SE. of small shed; in top of large rock; standard tablet stamped "L 42 WE 1942"	924.171
Reference mark; 180 ft NE. of tablet; 22 ft E. of rd.; on top of rock; chiseled square	921.90
U.E., Nicholson, 4.05 mi N. of, along tarvia rd.; 19 ft SW. of center of rd.; on top of NW. end of culvert; chiseled square	1018.73
U.E., Nicholson, 5.1 mi N. of, along tarvia rd.; 200 ft S. of farmhouse; at drain; on top of N. end of rock; chiseled square	1151.42
Nicholson, 5.85 mi N. of, along tarvia rd.; 330 ft S. of farmhouse; 52 ft S. of telephone pole; 30 ft N. of fence corner; 19 ft E. of center of rd.; in top of rock; standard tablet stamped "L 43 WE 1942"	1235.518
Reference mark; 315 ft N. of tablet; 15 ft E. of center of rd.; on rock in walk; chiseled square	1235.81
U.E., Nicholson, 7.0 mi N. of, along tarvia and dirt rds.; 0.15 mi S. of barn; 16 ft E. of center of rd.; 1 ft E. of fence; on top of rock; chiseled square	1225.52
Nicholson, 7.75 mi N. of, along tarvia and dirt rds.; 1.9 mi S. of Brooklyn; 0.1 mi N. of Lindaville Crossroads; 80 ft S. of large barn; 18 ft E. of center of rd.; 10 ft S. of telephone pole; 2 ft W. of fence corner; in top of rock; standard tablet stamped "L 44 WE 1942"	1253.977
Reference mark; 233 ft N. of tablet; 21 ft W. of center of rd.; on rock; chiseled square	1260.46
U.E., Brooklyn, 0.9 mi S. of, along tarvia and dirt rds.; at sharp curve in rd.; 60 ft SE. of center of rd.; at entrance to field; on top of rock; chiseled square	1320.54

TUNKHANNOCK
Book B 9650

PENNSYLVANIA

R. E. Wells

1942

LINE 5.Feet

R. E. Wells, 1942; Book B 9650	
"T 57 1934" (NGS)	591.702
Tunkhannock, 4.8 mi SE. of, thence 0.2 mi NE. along U. S. Highway 6; at bridge over stream; 15 ft SE. of hwy.; in top of SW. abutment; PDH standard disk stamped "L 45 WE 1942"	619.122
Reference mark; 30 ft NW. of tablet; 15 ft NW. of hwy.; on top of NE. abutment of bridge; chiseled square	620.37
Tunkhannock, 4.8 mi SE. of, thence 0.45 mi E. along U. S. Highway 6; at bridge over stream; 15 ft S. of hwy.; in top of W. abutment of bridge; PDH standard disk not stamped	653.418
U.E., Tunkhannock, 4.8 mi SE. of, thence 1.6 mi E. along U. S. Highway 6; 0.75 mi W. of Lake Winola; near top of rise; 160 ft E. of driveway to house; 20 ft W. of hwy. and 12 ft NE. of warning sign; on top of rock; chiseled square	947.02
U.E., Lake Winola, 0.23 mi W. of, along U. S. Highway 6; 320 ft E. of rd. forks and 15 ft S. of hwy.; on top of W. end of headwall of culvert; chiseled square	937.78
Lake Winola, 0.35 mi NE. of, along blacktop rd.; 16 ft NW. of center of rd. and 200 ft NE. of red barn; in top of NE. end of third step leading up to house; standard tablet stamped "L 46 WE 1942"	1063.326
Reference mark; 90 ft NE. of tablet and 20 ft SE. of rd.; on top of rock; chiseled square	1053.86
U.E., Lake Winola, 1.5 mi NE. of, along blacktop rd.; 70 ft E. of crossroad and 14 ft S. of rd.; on top of rock in path leading to house; chiseled square	1179.60
Lake Winola, 2.65 mi NE. of, along blacktop rd.; 0.2 mi SW. of rd. forks; 72 ft N. of fence and 87 ft N. of rd.; 80 ft N. of 28-in. twin ash tree; in pasture; in top of large rock; standard tablet stamped "L 47 WE 1942"	1177.405
Reference mark; 24 ft S. of tablet; 73 ft N. of rd.; on top of rock; chiseled square	1179.46
U.E., Lake Winola, 3.7 mi NE. of, along blacktop rd.; 280 ft NE. of crossroad; at top of rise and 17 ft SE. of rd.; on top of rock; chiseled square	1143.96
Lake Winola, 4.8 mi NE. of, along blacktop rd.; 1.95 mi SW. of Factoryville; 93 ft SE. of center of rd. forks and 55 ft S. of fenceline; 9 ft N. of N. edge of stream; in top of rock ledge; standard tablet stamped "L 48 WE 1942"	954.153
U.E., Factoryville, 0.95 mi SW. of, along blacktop rd.; 0.11 mi NE. of house and 430 ft SW. of warning sign; 18 ft SE. of rd. and 3 ft SE. of fence; on top of rock; chiseled square	1007.10
U.E., Factoryville; in center of town; 81 ft SW. of concrete base of flagpole; on top of E. abutment of bridge over stream; chiseled square	830.64

1942

LINE 5 (Cont'd.)Feet

Factoryville, 0.7 mi NW. of, along blacktop rd. to U. S. Highway 11; 220 ft SE. of Last Chance Inn and 21 ft N. of center of rd.; on top of E. abutment of bridge over blacktop rd.; PDH standard disk stamped "L 49 WE 1942"	917.890
Reference mark; 34 ft W. of tablet; 21 ft N. of rd.; on top of W. abutment of bridge; chiseled square	918.27
Factoryville, 0.7 mi NW. of, along blacktop rd., thence 0.95 mi N. along U. S. Highway 11; at bridge over drain; 22 ft E. of rd.; in top of S. abutment PDH standard disk not stamped	942.579
U.E., Factoryville, 0.7 mi NW. of, along blacktop rd., thence 2.15 mi NW. along U. S. Highway 11; 98 ft W. of center of crossroad; on large concrete culvert; chiseled square	1041.59
Factoryville, 0.7 mi NW. of, along blacktop rd., thence 3.1 mi NW. along U. S. Highway 11; 2 mi S. of Nicholson; 87 ft NE. of crossroad and 30 ft E. of hwy.; in top of rock; stand. rd tablet stamped "L 50 WE 1942"	956.794
Reference mark; 122 ft SW. of tablet; 23 ft S. of dirt rd.; on top of rock; chiseled square	955.40

LINE 6.

R. E. Wells, 1942; Book B 9650

U.E., East Lemon, 1.3 mi N. of, along dirt rd.; 10 ft E. of center of rd.; on top of NW. corner of stone foundation of water pump; chiseled square	1037.93
East Lemon, 2.5 mi N. of; 1.3 mi S. of West Nicholson; 38 ft E. of center of rd. and 15 ft N. of stone fence; in SW. corner of pasture; in top of large rock; standard tablet stamped "TI 61 TH 1942"	1178.392
Reference mark; 87 ft N. of tablet; 29 ft E. of center of rd.; on top of rock; chiseled square	1184.11
U.E., West Nicholson, 0.3 mi S. of, along dirt rd.; 52 ft N. of 30-in. maple tree; 24 ft SE. of rd.; on top of rock; chiseled square	1114.96
U.E., West Nicholson, 0.7 mi N. of church; 150 ft N. of drain; 31 ft E. of center of dirt rd.; in field; chiseled square	1117.63
West Nicholson, 1.4 mi N. of; 39 ft S. and 40 ft E. from crossroad; at front entrance to dwelling of Clarence Parks; in large stone step; standard tablet stamped "TI 60 TH 1942"	1189.751
Reference mark; 76 ft W. of tablet; 40 ft W. of center of rd.; on top of rock; chiseled square	1191.71
U.E., West Nicholson, 2.6 mi N. of, along dirt rd.; 57 ft SE. of center of crossroad; 18 ft SW. of center of rd.; in field; on top of rock; chiseled square	1224.92
West Nicholson, 3.7 mi N. of, along dirt rd.; about 2.5 mi E. of Springville; at Strickland Cemetery; 51 ft E. of center of grass triangle at rd. forks; 12 ft E. of center of rd.; 9 ft S. of corner of stone wall; in top of rock; standard tablet stamped "L 51 WE 1942"	1371.793

LINE 6 (Cont'd.)Feet

Reference mark; 130 ft W. of tablet; 21 ft N. of center of rd.; on top of rock; chiseled square	1370.28
U.E., West Nicholson, 3.7 mi N. of, along dirt rd., thence 1.0 mi NW. along tarvia rd.; 4.8 mi SE. of Dimock; 63 ft N. of center of crossroad; on top of rock; chiseled square	1008.14
U.E., Dimock, 3.5 mi SE. of; 0.25 mi SW. of house; near forks of dim rd. to field; 22 ft SE. of center of rd.; on top of rock ledge of wall; chiseled square	1260.48
Dimock, 0.75 mi E. of, thence 2.0 mi S.; at Parkvale; near SW. corner of frontyard at dwelling of Harry Moore; 72 ft N. and 18 ft E. from junction of rd. N.; in top of rock; standard tablet stamped "TT 1 K 1931"	1038.049
Reference mark; 110 ft NW. of tablet; 22 ft SW. of center of rd.; on top of rock; chiseled square	1073.61
U.E., Dimock, 0.9 mi SE. of, along tarvia rd.; at dwelling of Max Gregory; 60 ft W. of drain; 40 ft SW. of center of rd.; on top of rock; chiseled square	1232.74

LINE 7.

R. E. Wells, 1942; Book B 9650

Bardwell; at iron bridge over South Branch Tunkhannock Creek; in NE. abutment; standard tablet stamped "TT 62 TH 1942"	659.480
U.E., Bardwell, 1.2 mi S. of; 0.2 mi S. of farmhouse; 24 ft W. of center of rd.; on top of SE. end of rock; chiseled square	978.17
U.E., Bardwell, 2.2 mi S. of; 2.0 mi N. of Lake Winola; 26 ft E. of center of forks of rd. SE.; on top of rock ledge; chiseled square	1029.54
Lake Winola, 1.1 mi N. of; 300 ft S. of rd. forks; on property of John Thomas; in pasture; 9 ft W. of fence; in top of large rock; standard tablet stamped "TT 63 TH 1942"	962.823
Reference mark; 0.26 mi SE. of tablet; 36 ft E. of center of rd.; on top of rock; chiseled square	1011.02

LINE 8.

R. E. Wells, 1942; Book B 9650

U.E., Nicholson, 0.6 mi E. of; 27 ft N. of tarvia rd.; 3 ft N. of fence; on top of NW. end of rock; chiseled square	764.25
Nicholson, 0.7 mi E. of; on Nicholson-Glenwood Road; in N. face of concrete bridge over stream; PDH standard disk not stamped	755.511

1942

LINE 8 (Cont'd.)Feet

- U.E., Nicholson, 0.6 mi E. of, along tarvia rd., thence 1.1 mi SE. along dirt rd.; 0.25 mi SE. of rd. fork; 83 ft NE. of rd.; in pasture; on top of rock; chiseled square 894.08
- U.E., Nicholson, 0.6 mi E. of, along tarvia rd., thence 1.95 mi S. along dirt rd.; 26 ft S. of forks of rd. SE.; on top of rock; chiseled square 1125.79

[Jogs into Dundaff quadrangle]

- Factoryville, 1.7 mi NE. of; in NW. abutment of concrete bridge over Delaware, Lackawanna and Western Railroad; standard tablet stamped "TT 69 TH 1942" 1041.975
- Reference mark; 33 ft E. of tablet; 17 ft E. of rd.; on top of N. abutment of RR. bridge; chiseled square 1041.96

[Jogs into Dundaff quadrangle]

- La Plume; 90 ft E. of junction of U. S. Highway 11 and T-rd. E. to Wallsville; in SE. base of concrete bridge over small stream; standard tablet stamped "TT 70 TH 1942" 886.086
- Reference mark; 135 ft SW. of tablet; 21 ft W. of hwy.; on top of SW. corner of concrete walk; chiseled square 885.59

LINE 9.

R. E. Wells, 1942; Book B 9650

- U.E., Nicholson, 1.8 mi E. of, along State Highway 92; at rd. forks; about 15 ft NE. of rd.; on top of large rock; chiseled square 771.46

LINE 10.

R. E. Wells, 1942; Book B 9650

- U.E., Tyler, 1.0 mi NW. of; 18 ft W. of center of dirt rd.; on NW. end of rock; chiseled square 1252.36
- U.E., Tyler, 1.9 mi NW. of; 27 ft E. of center of dirt rd.; in yard of dwelling of James Harrett; 6 ft N. of lane to barn; in root on SW. side of 14-in. locust tree; copper nail and washer 1321.86
- Tyler, 2.9 mi NW. of; 300 ft S. of center of rd. forks; on property of Thomas Oliver; 30 ft E. of center of rd.; 15 ft S. of fence corner; in top of rock; standard tablet stamped "L 52 WE 1942" 1409.895
- Reference mark; 123 ft S. of tablet; 31 ft E. of center of rd.; on top of rock; chiseled square 1407.46
- U.E., Tyler, 4.2 mi NW. of; 3.1 mi SE. of East Rush; 100 ft W. of lane to barn; 19 ft S. of center of rd.; on top of stone foundation of fence; chiseled square 1439.95

1942

LINE 10 (Cont'd.)Feet

East Rush, 2.5 mi SE. of; at rock-strawn pasture; 46 ft N. of center of rd.; 21 ft N. of fence; in top of rock; standard tablet stamped "L 53 WE 1942"	1397.421
East Rush, 2.0 mi SE. of; 1.6 mi N. of Auburn Four Corners; 0.1 mi N. of junction of rd. E.; 100 ft E. of rd.; 35 ft N. of E.-W. wooded line; in center of rock outcrop; standard tablet stamped "TT 4 PWS 1942"	1368.480
U.E., East Rush, 1.1 mi SE. of; at Linaberry Farm; 10 ft W. of center of dirt rd.; at end of concrete walk to house; chiseled square	1218.38

LINE 11.

R. E. Wells, 1942; Book B 9650

Russell Hill, 1.85 mi NE. of; 0.25 mi S. of Kaiserville; 100 ft W. of Tunkhannock Road; 30 ft N. of township rd. 493; 2 ft N. of fence; in rock outcrop; standard tablet stamped "TT 1 WPS 1942"	1069.894
Reference mark; 45 ft SE. of tablet; 24 ft N. of center of rd.; on top of rock; chiseled square	1060.44
Kaiserville, 1.2 mi NW. of, thence 1.0 mi NE.; 3.0 mi NE. of Meshoppen; at end of Washington Township Road 502; 150 ft NW. of junction of rd. N. to Auburn Four Corners; in large boulder; standard tablet stamped "TT 2 WPS 1942"	875.400
Reference mark; 97 ft S. of tablet; 18 ft N. of center of rd.; on top of E. side of rock; chiseled square	875.98
Kaiserville, 1.2 mi NW. of, thence 3.0 mi N.; about 5 mi NE. of Meshoppen; along rd. to Auburn Four Corners; 175 ft S. of junction of rd. E.; 12 ft W. of center of rd.; in rock ledge; standard tablet stamped "TT 3 WPS 1942"	1114.163
Reference mark; 26 ft N. of tablet; 13 ft W. of center of rd.; on top of S. edge of rock; chiseled square	1111.68

[Jogs into Meshoppen quadrangle]

U.E., East Rush, 3.2 mi S. of, along dirt rd.; 1.2 mi NW. of Auburn Four Corners; 47 ft S. of crossroad; on top of rock; chiseled square	1228.87
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LINE 12.

R. E. Wells, 1942; Book B9650

"H 58 1934" (NGS)	623.001
North Eaton; in concrete walk leading to Bryden residence; 6 ft N. and 17 ft W. from junction of rd. E.; standard tablet stamped "TT 72 TH 1942"	780.793
Reference mark; 0.11 mi SE. of tablet; 14 ft E. of center of rd.; on top of rock; chiseled square	786.32

LINE 12 (Cont'd.)

1942

	<u>Feet</u>
Eatonville, 2.0 mi W. of, along Township Road 377; in Luckenbach pasture; 30 ft N. of barn; 17 ft N. of center of rd.; in sandstone boulder; standard tablet stamped "TT 73 TH 1942"	818.842
Reference mark; 560 ft SW. of tablet; 17 ft NW. of center of rd.; on top of rock; chiseled square	823.27
Rosengrant; in NW. wingwall of concrete bridge over Bowman Creek; standard tablet stamped "TT 74 TH 1942"	646.293