

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

MESHOPPEN QUADRANGLE
192 PENNSYLVANIA
N4130-W7600/15
DIAGRAM NK 18-7
WILLIAMSPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bradford, Sullivan, Susquehanna and Wyoming Counties

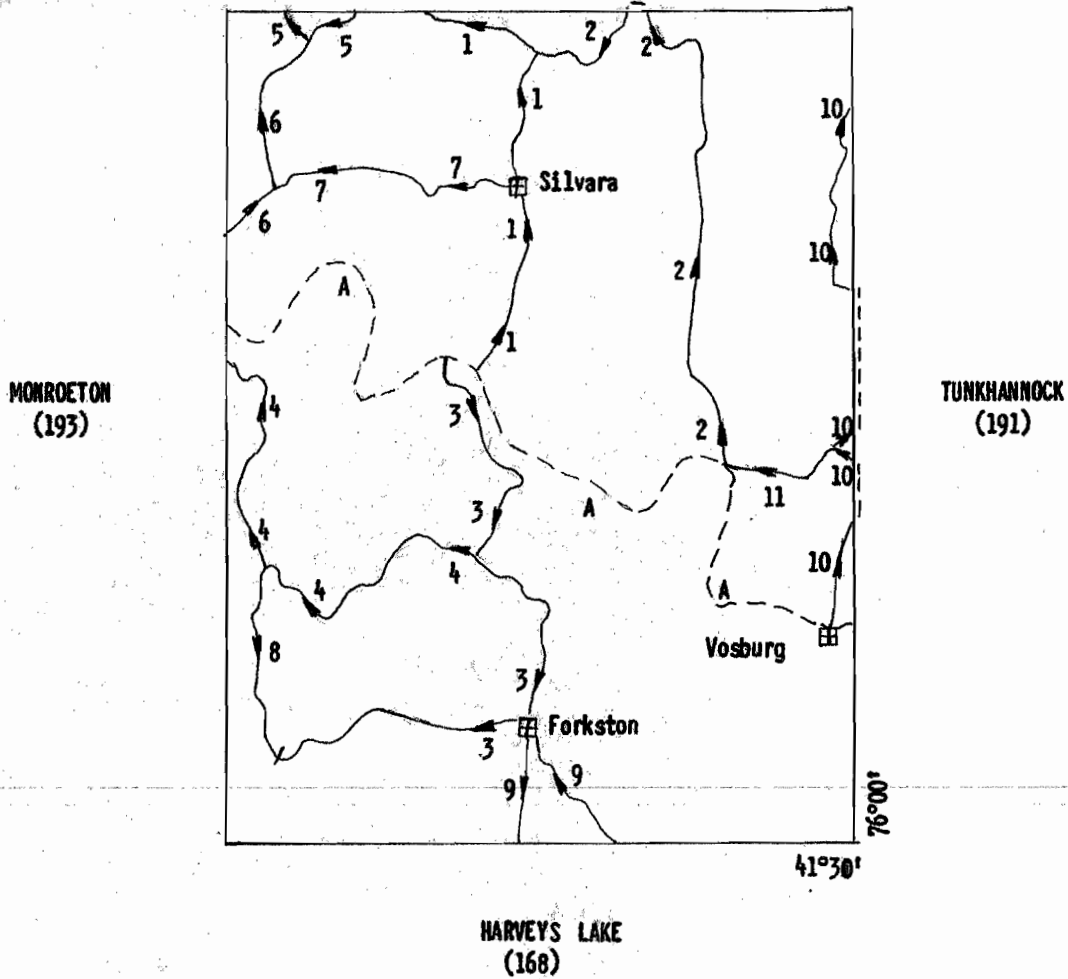
Final adjustment of 1943

Edition of 9/18/72

PR: LFB/jyk

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

LE RAYSVILLE
(215 PA.-59A N.Y.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 410761

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1942

<u>LINE 1.</u>	<u>Feet</u>
E. W. Smith, 1942; Book B 9628	
"Q 58 1934" (NGS)	647.210
U.E., Skinners Eddy, 1.1 mi N. of; 12 ft W. of center of State Highway 367; 300 ft N. of junction of T-rd. N.; on concrete bridge over small stream; chiseled square	704.25
Skinners Eddy, 1.5 mi N. of; 2.6 mi S. of Silvara; 180 ft N. of junction of dirt rd. NE.; 24 ft W. of center of hwy.; in large flat boulder; standard tablet stamped "45 EWS 1942"	751.429
Reference mark; 180 ft S. of tablet; on NE. abutment of bridge over Tuscarona Creek; chiseled square	743.58
U.E., Silvara, 1.3 mi S. of; 12 ft E. of center of hwy.; on culvert; chiseled square	809.01
Silvara; 66 ft NW. of Pennsylvania Power and Light Company pole No. E 74; 24 ft W. of center of State Highway 367; 3 ft E. of general store of C. E. Bennet Sales Co.; in concrete sidewalk; standard tablet stamped "46 EWS 1942"	834.352
Reference mark; 36 ft E. of tablet; 12 ft E. of center of hwy.; on N. end of base of E. guardrail of small bridge; chiseled square	835.04
U.E., Silvara, 1.7 mi N. of; 12 ft E. of center of Ward Road; 3 ft W. of barbwire fence; on stone culvert; chiseled square	1065.15
Silvara, 3.0 mi N. of; 3.8 mi SE. of Stevensville; 400 ft E. of junction of rd. E.; 220 ft E. of center of Ward Road; 42 ft W. of powerline; in pasture; in boulder; standard tablet stamped "47 EWS 1942"	1203.207
Reference mark; 80 ft NE. of tablet; on E. side of Ward Road; on boulder; chiseled square	1204.57
U.E., Stevensville, 2.8 mi SE. of; 15 ft W. of center of Stevensville-Silvara Road; 6 ft S. of junction of rd. E.; on boulder; chiseled square	1339.30
Stevensville, 1.8 mi SE. of; 27 ft S. of center of hwy.; 160 ft W. of driveway to farmhouse; 4 ft S. of barbwire fence; 25 ft N. of telephone line; 50 ft E. of large pine tree; in boulder; standard tablet stamped "48 EWS 1942"	1053.286
Reference mark; 35 ft W. of tablet; 24 ft S. of center of hwy.; on boulder; chiseled square	1054.03

LINE 2.

E. W. Smith, 1942; Book B 9628

"M 58 1934" (NGS)

639.726

LINE 2 (Cont'd.)Feet

U.E., Meshoppen; 40 ft N. of center of State Highway 267; at junction of rd. NW.; on S. end of E. abutment of bridge over Little Meshoppen Creek; chiseled square	643.01
Meshoppen, 1.5 mi NW. of; 400 ft W. of junction of dirt rd. W.; 300 ft W. of center of State Highway 267; in N. end of wall of Meshoppen Reservoir; standard tablet stamped "53 EWS 1942"	790.726
Reference mark; 50 ft W. of tablet; 6 ft W. of NW. corner of reservoir supply shed; on NE. corner of concrete block around water valve; chiseled square	792.08
U.E., Meshoppen, 3.6 mi NW. of; 13 ft N. of center of Little Meshoppen Creek Road; at junction with rd. W.; in pasture; on boulder; chiseled square	894.40
Meshoppen, 5.0 mi N. of; 40 ft E. of center of Little Meshoppen Creek Road; about 350 ft N. of junction with rds. E. and W.; in foundation wall of dam; standard tablet stamped "52 EWS 1942"	946.867
Reference mark; 60 ft S. of tablet; 12 ft E. of center of hwy.; on NE. abutment of small bridge; chiseled square	944.74
U.E., Meshoppen, 6.5 mi N. of; 3.5 mi S. of Retta; 12 ft W. of center of Little Meshoppen Creek Road; at junction of Retta Road; 50 ft NE. of silo at corner of barn; on stone culvert; chiseled square	1000.45
Retta, 1.3 mi S. of; 30 ft S. of center of Auburn Township Road 329; 0.1 mi E. of junction with Retta Road; 10 ft S. of stone wall; in large boulder; standard tablet stamped "51 EWS 1942"	1299.810
Reference mark; 60 ft N. of tablet; 12 ft N. of center of hwy.; 14 ft S. of stone wall; on boulder; chiseled square	1306.68
U.E., Retta; 60 ft S. of Methodist Church; 15 ft W. of center of Auburn Township Road 302; 20 ft W. of rd. intersection; on culvert; chiseled square	1384.36
Retta, 1.0 mi N. of; 28 ft E. of center of Rush Township Road 382; 120 ft SE. of junction of Rush Township Road 377; 53 ft E. of stone wall; 16 ft E. of wire fence; in large flat boulder; standard tablet stamped "50 EWS 1942"	1352.017
Reference mark; 100 ft SE. of tablet; 128 ft E. of center of hwy.; in pasture; on boulder; chiseled square	1345.29
U.E., Retta, 1.0 mi N. of, thence 0.9 mi SW.; 4.2 mi S. of Lawton; 120 ft W. of center of Kamarausks Road; 150 ft NW. of junction of Rush Township Road 377; on boulder; chiseled square	1285.65
<u>[Jogs into LeRaysville quadrangle]</u>	
U.E., Lawton, 3.8 mi SW. of; 27 ft E. of center of State Highway 367; near Kinney Pond; on boulder; chiseled square	1202.12

LINE 2 (Cont'd.)Feet

Lawton, 4.9 mi SW. of; 1.0 mi N. of West Auburn; 195 ft N. of junction of Rush Township Road 349 and rd. N.; 50 ft W. of center of township rd.; in pasture; in boulder; standard tablet stamped "49 EWS 1942"	1025.291
Reference mark; 180 ft S. of tablet; 15 ft NW. of junction of rd. N.; 8 ft W. of center township rd.; on culvert; chiseled square	1022.20
U.E., Lawton, 5.9 mi SW. of; 3.5 mi N. of Silvara; 33 ft W. of center of Rush Township 349; 3 ft E. of barbwire fence; on boulder; chiseled square	1189.38
"47 EWS 1942" (Described in line 1)	1203.207

LINE 3.

E. W. Smith, 1942; Book B 9628	
"N 53 1934" (NGS)	656.961
U.E., Laceyville, 1.2 mi SE. of; 42 ft NE. of center of Jenningsville Road; at entrance to cemetery; on culvert; chiseled square	661.56
Laceyville, 2.4 mi SE. of; 35 ft N. of center of Jenningsville Road; 19 ft N. of barbwire fence; in boulder; standard tablet stamped "54 EWS 1942"	693.295
Reference mark; 50 ft E. of tablet; 33 ft N. of center of rd.; 18 ft N. of barbwire fence; on boulder; chiseled square	691.55
U.E., Laceyville, 3.2 mi SE. of; 2.5 mi N. of Jenningsville; 12 ft S. of center of Jenningsville Road; 260 ft E. of intersection of dirt rd.; on boulder; chiseled square	880.22
U.E., Jenningsville, 1.7 mi N. of; 15 ft W. of center of Jenningsville Road; 180 ft S. of intersection of Windham Township Road 499; on boulder; chiseled square	1082.19
Jenningsville; 48 ft N. of center of State Highway 187; 95 ft N. of country schoolhouse; 27 ft N. of barbwire fence; in boulder; standard tablet stamped "55 EWS 1942"	1069.232
Reference mark; 60 ft W. of tablet; 39 ft N. of center of hwy.; 12 ft N. of barbwire fence; on boulder; chiseled square	1071.99
Jenningsville, 0.3 mi E. of; on N. side of State Highway 187; in NE. abutment of concrete bridge over Little Mehoopany Creek; PDH standard disk not stamped	1015.428
U.E., Jenningsville, 1.5 mi E. of; 9 ft W. of center of Windham Township Road 308; 31 ft S. of intersection of State Highway 187; on property of William Farr; on outcrop; chiseled square	1091.34

LINE 3 (Cont'd.)Feet

Jenningsville, 2.7 mi SE. of; 1.8 mi N. of Forkston; 27 ft E. of center of Windham Township Road 308; 45 ft NE. of intersection of E.-W. crossroad; in concrete post; standard tablet stamped "58 EWS 1942"	1113.534
Reference mark; 51 ft S. of tablet; 18 ft E. of center of hwy.; on stone culvert; chiseled square	1115.36
U.E., Forkston, 0.8 mi N. of; 18 ft W. of center of Windham Township Road 308; 50 ft N. of intersection with E.-W. rd.; on stone culvert; chiseled square	1015.50
Forkston, 0.4 mi N. of; 10 ft N. of center of State Highway 87; 0.1 mi E. of junction of Forkston Road; on NE. abutment of bridge over Mehoopany Creek; PDH standard disk not stamped	771.799
Forkston, 1.7 mi NW. of; 10 ft N. of center of State Highway 87; on NE. abutment of bridge over north branch of Mehoopany Creek; PDH standard disk not stamped	847.731
Forkston, 2.8 mi NW. of; 2.0 mi E. of Lovelton; 10 ft N. of center of State Highway 87; 60 ft E. of intersection with North Branch Township Road 438; on NE. abutment small concrete bridge; PDH standard disk not stamped	896.893
Lovelton, 0.4 mi E. of; 10 ft S. of center of State Highway 87; in SE. abutment of concrete bridge; PDH standard disk not stamped	980.947
U.E., Lovelton, 0.9 mi W. of; 48 ft N. of center of State Highway 87; on culvert; chiseled square	1039.63
Lovelton; 2.0 mi SW. of; 15 ft N. of center of State Highway 87; 400 ft E. of intersection of Sciota ville Road; on NW. abutment of concrete bridge; PDH standard disk not stamped	1153.138

LINE 4.

E. W. Smith, 1942; Book B 9628

"55 EWS 1942" (Described in line 3)	1069.232
U.E., Jenningsville, 1.2 mi NW. of; 21 ft N. of, and 4 ft higher than center of State Highway 187; on boulder; chiseled square	1145.26
Jenningsville, 2.3 mi NW. of; 1.8 mi E. of Stowell; 45 ft N. of center of hwy.; 120 ft E. of intersection of Windham Township Road 459; in front of farmhouse; in boulder; standard tablet stamped "56 EWS 1942"	1118.284
Reference mark; 80 ft S. of tablet; 20 ft S. of center of hwy.; 3 ft S. of wire fence; on boulder; chiseled square	1110.15
U.E., Stowell, 0.8 mi E. of; 100 ft N. of junction with rd. SE.; 15 ft N. of center of hwy.; on outcrop; chiseled square	1258.72

LINE 4 (Cont'd.)

Feet

Stowell; about 0.1 mi NE. of Stowell Catholic Church; about 0.1 mi NW. of junction with dirt rd. NE.; 210 ft N. of center of hwy.; in boulder; standard tablet stamped "57 EWS 1942"	1129.222
Reference mark; 220 ft SE. of tablet; 14 ft N. of center of hwy.; 2 ft S. of wire fence; on boulder; chiseled square	1134.77
U.E., Stowell, 0.75 mi SW. of; 175 ft SE. of Bradford-Wyoming County line; 24 ft W. of center of hwy.; on culvert; chiseled square	1199.98
Stowell, 1.7 mi W. of; 15 ft N. of center of hwy.; in NE. abutment of small bridge; PDH standard disk not stamped	1047.235
Hollenback, 1.0 mi SE. of; 200 ft S. of rd. forks; in SE. corner of concrete bridge over Rock Cabin Creek; PDH standard disk not stamped	933.252
Hollenback; 90 ft N. of junction of hwy. and rd. W.; 12 ft E. of center of hwy.; in base of W. guardrail of bridge; PDH standard disk not stamped	829.819
U.E., Hollenback, 1.3 mi N. of; 25 ft N. of junction of hwy. and rd. W.; 15 ft W. of center of hwy.; on SW. abutment of bridge; chiseled square	745.23
Sugar Run, 0.47 mi S. of; on State Highway 187; directly E. of dwelling on property of Roy Archcraft; in top of W. headwall of concrete culvert; standard tablet stamped "TT 35 T 1931"	676.980

LINE 5.

F. B. Neary, 1942; Book B 9408	
Camptown, 1.7 mi NE. of; in SE. wingwall of bridge; PDH standard disk not stamped	776.161
Camptown, 1.3 mi NE. of; 2.8 mi SW. of Stevensville; 100 ft NW. of center of State Highway 106; at junction with W. leg of public rd. N. leading to Stony Point School; 150 ft E. of E. end of "Ingram House for Tourists"; 15 ft N. of spring; in top of stone outcrop about midway of bank; standard tablet stamped "TT 29 K 1931"	834.738
Reference mark; 30 ft N. of tablet; on rock; chiseled square	835.53

LINE 6.

E. W. Smith, 1942; Book B 9628	
Wyalusing, 1.4 mi NE. of; 30 ft N. of center of Highway 106; at junction of rd. N.; in concrete post; standard tablet stamped "59 EWS 1942"	721.422

Book B 9628

1942

<u>LINE 6 (Cont'd.)</u>	<u>Feet</u>
Reference mark; 60 ft S. of tablet; 20 ft S. of center of hwy.; on stone retaining wall at barn; chiseled square	721.03
U.E., Camptown, 2.0 mi S. of; 100 ft N. of junction of rd. SE.; 13 ft E. of center of hwy.; chiseled square	737.21
Camptown, 1.2 mi S. of; 50 ft S. of junction of rd. E.; 21 ft E. of center of hwy.; in concrete post; standard tablet stamped "60 EWS 1942"	769.024
U.E., Camptown; on NE. abutment of steel girder bridge over Wyalusing Creek; 12 ft E. of center of highway; chiseled square	748.32
"TT 29 K 1931" (Described in line 5)	834.738

LINE 7.

E. W. Smith, 1942; Book B 9628	
"46 EWS 1942" (Described in line 1)	834.352
U.E., Silvara, 1.0 mi W. of; 14 ft N. of center of Silvara-Springhill Road; 170 ft W. of junction of dirt rd. S.; on stone retaining wall; chiseled square	1246.93
Silvara, 2.2 mi W. of; 1.0 mi E. of Springhill; 28 ft W. of curve at junction of Silvara-Springhill Road and dirt rd. S.; on SW. side of Silvara-Springhill Road; in concrete post; standard tablet stamped "61 EWS 1942"	1225.020
Reference mark; 50 ft E. of tablet; 16 ft SE. of center of rd.; on stone culvert; chiseled square	1216.97
U.E., Springhill; 25 ft E. of center of Stevensville-Laceyville Road; at intersection with Springhill-Silvara Road; on stone culvert; chiseled square	1295.18
Springhill, 1.2 mi W. of; on N. side of Springhill Road; 33 ft E. of center of tarvia rd.; at intersection; in concrete post; standard tablet stamped "63 EWS 1942"	1289.318
U.E., chiseled square (Described in line 6)	737.21

LINE 8.

E. W. Smith, 1942; Book B 9628	
"PDH disk not stamped" (Described in line 4)	933.252
U.E., Sciotavale, 1.6 mi N. of; 10 ft E. of center of rd.; on S. end of E. guardrail of small bridge; bolt head	1160.40
Sciotavale; at Four Corners; 40 ft W. of crossroad; near guidepost "Hollenback 3 Miles, Lovelton 2 miles"; in concrete post; standard tablet stamped "TT 37 T 1931"	1376.811

1942

LINE 8 (Cont'd.)Feet

U.E., Scotavale, 0.9 mi S. of; 10 ft E. of center of rd.; on E. abutment of small stone bridge; chiseled square 1332.28

"PDH disk not stamped" (Described in line 3) 1153.138

LINE 9.

A. M. Davies, 1942; Book B 9743

U.E., Forkston, 2.6 mi SE. of; 0.15 mi along rd. from summit of mountain; at crossing of dry stream bed; 10 ft E. of center of rd.; in top of 3- by 3-ft embedded boulder level with rd.; chiseled square 2153.17

Forkston, 2.1 mi SE. of; 10 ft SW. of, and 3 ft higher than center of dirt rd.; in top of ledge outcrop; standard tablet stamped "6 AMD 1942 1825" 1824.947

Reference mark; 18 ft E. of tablet; on top of 3- by 8-ft ledge outcrop; chiseled square 1823.40

Forkston; at Forkston Grange Hall 1153; in E. end of lower concrete step; standard tablet stamped "TT 40 T 1942 788" 788.020

Reference mark; 120 ft W. of tablet; on top of W. wingwall; chiseled square 788.11

"PDH standard disk not stamped" (Described in line 3) 771.799

LINE 10.

R. E. Wells, 1942; Book B 9650

"H 58 RESET 1966" (NGS) 622.566

U.E., Vosburg; 1.1 mi N. of RR. station; 140 ft N. of crossroad; in yard on property of T. S. Kinter; on top of rock; chiseled square 1007.34

Russell Hill; 120 ft E. of crossroad; 140 ft W. of church; 63 ft S. of centerline of hwy.; 13 ft E. of Nelly Don food bar; set in concrete foundation of well; standard tablet stamped "L 54 WE 1942" 1185.955

Reference mark; 110 ft N. of tablet; 15 ft N. of centerline of rd.; on top of cement culvert; chiseled square 1185.90

[Jogs into Tunkhannock quadrangle]

Auburn Center, 2.8 mi E. of, along blacktop rd., thence 1.0 mi S. along dirt rd.; 26 ft W. of centerline of rd. forks; on top of rock; standard tablet stamped "L 55 WE 1942" 1162.345

LINE 10 (Cont'd.)Feet

Reference mark; 63 ft SE. of tablet; 28 ft E. of centerline of rd.; on top of rock; chiseled square	1161.17
U.E., Auburn Center, 3.1 mi E. of, along blacktop rd., thence 0.1 mi E. of St. Bonaventure Church; 18 ft S. of centerline of rd.; on top of rock; chiseled square	1024.52
Auburn Center, 3.7 mi E. of, along macadam rd., thence 0.8 mi N. along dirt rd.; 36 ft E. of centerline of rd.; 0.1 mi N. of farmhouse; on top of rock ledge; standard tablet stamped "L 56 WE 1942"	1191.915

LINE 11.

R. E. Wells, 1942; Book B 9650

U.E., Meshoppen, 1.9 mi E. of, along State Highway 309, thence 0.7 mi SE. along blacktop rd.; 49 ft NW. of center of rd.; 64 ft W. of "S curve" warning sign; on top of rock; chiseled square	844.84
U.E., Meshoppen, 1.2 mi E. of; 14 ft S. of center of State Highway 309; at rd. junction; on top of rock; chiseled square	870.64
"M 58 1934" (NGS) (Also in line 2) (Note: Mark reported unstable and possibly disturbed)	639.726

LINE 12.

E. W. Smith, 1942; Book B 9628

This line run by third-order methods but does not meet accuracy requirements.

"PDH standard disk not stamped" (Described in line 3)	1153.138
U.E., Lovelton, 2.5 mi SW. of; on S. side of Devil's Elbow Road; about 300 ft S. of SW. corner of farmhouse; 16 ft S. of highway centerline; on boulder; chiseled square	1376.11