

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

40-076-12
POTTSVILLE QUADRANGLE
96 PENNSYLVANIA
N4030-W7600/15
DIAGRAM NK 18-10
HARRISBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Berks and Schuylkill Counties

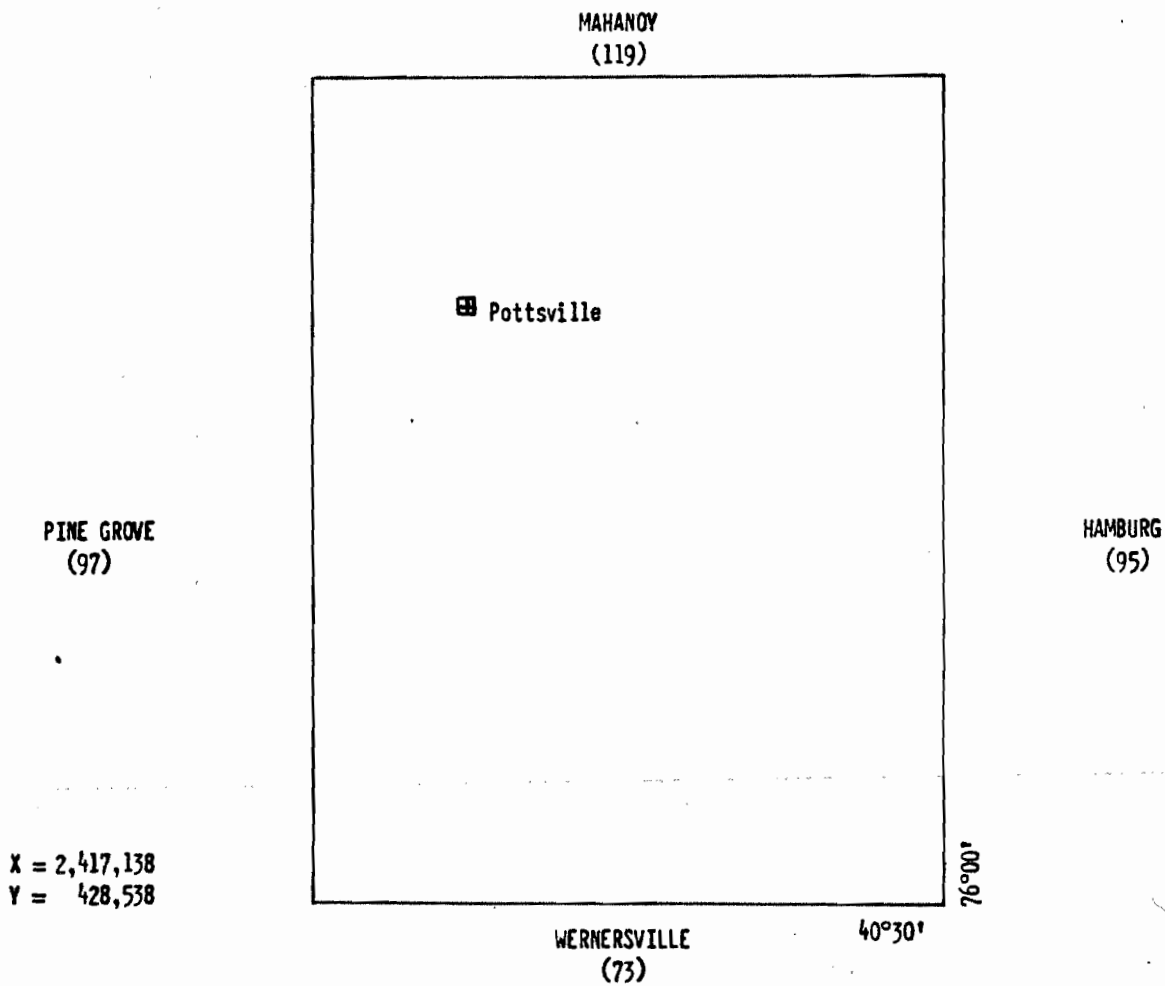
Final adjustment of 1974

Edition of 7/23/74

PR: GWK/mjh

Plane coordinates are based on
Lambert projection, Pennsylvania,
South Zone

Only the permanent marks are
listed for lines run more
than 25 years before edition
date and are not shown on
sketch



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

Obsolete control established more than 25 years prior to edition date. To be used only to locate permanent marks in the field.

B. J. Keating, 1942; Book D4676

Pottsville, intersection of Center and Market Streets, 1.2 mi SE., thence 1.3 mi NE. from 70 ft N. and 277 ft E. from Y-rd. at E. end of Silver Creek Reservoir, 13 ft S. of centerline of township rd., in concrete post; standard tablet stamped "TT 1 K 1942"

X = 2,439,069 Y = 495,147 40 40 54.34 76 10 00.69

Silver Creek Reservoir, 2.2 mi SE. of, along country rd., on top of Second Mountain, 35 ft S. and 15 ft W. of turnout and summit of rd., on W. side of rd., W. of large borrow pit, in rock outcrop; standard tablet stamped "TT 2 K 1942"

X = 2,447,656 Y = 495,130 40 40 52.64 76 08 09.26

Orwigsburg, at W. edge of village, 90 ft S. and 110 ft W. from forks of rd. NW., 12 ft S. and 34 ft E. from center of culvert, with iron railing, over stream, 7 ft W. of E. end of S. headwall, in top of parapet; standard tablet stamped "TT 3 K 1942"

X = 2,455,232 Y = 485,780 40 39 18.88 76 06 33.20

Schuylkill Haven, 2.5 mi E. of, on U. S. Highway 122, 360 ft W. of crossroads, 24 ft N. of centerline of hwy., in NE. wingwall of bridge over stream; Pennsylvania Department of Highways standard disk stamped "TT 4 K 1942"

X = 2,448,702 Y = 482,032 40 38 43.04 76 07 58.80

Landingville, 515 ft S. along the Reading Co. Ry. from station, 18 ft W. of centerline of rd., 25 ft E. of centerline of track, 2 ft N. of pole, about 1 foot higher than top of rail, in concrete post; NGS standard disk stamped "P 32 1934"

X = 2,451,214 Y = 475,353 40 37 36.59 76 07 27.81

Landingville, 1.5 mi S. of, at concrete bridge over Plum Creek, in NE. wingwall; P.D.H. standard disk stamped "TT 5 K 1942"

X = 2,451,070 Y = 467,957 40 36 23.55 76 07 31.44

Jefferson, on Reading Co. Ry. about 2.8 mi W. of Auburn, at bridge 2/75; in N. end of W. abutment; 12 ft N. of centerline of track; 1 ft lower than top of rail; NGS standard disk stamped "U 42 1934"

X = 2,449,777 Y = 459,881 40 35 03.99 76 07 50.12

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

OBSOLETE MARKS (Cont'd.)

Shartlesville, 3.5 mi N. of, in Berks County, near Schuylkill County line, on top of Blue Mountain, 12 ft E. of centerline of rd., 326 ft S. of crossroads, at boundary of State Game Refuge, about 100 ft W. of office and tool shed, in W. edge of concrete slab about 7 ft square on top of well, set flush with surface; standard tablet stamped "TT 8 K 1942"

X = 2,454,284 Y = 449,636 40 33 21.94 76 06 54.17

Shartlesville, 1.5 mi NW. of, about 200 ft E. of log cabin on State Game Refuge, 28 ft N. and 5 ft W. of from fork of rd. SE., 14 ft W. of centerline of rd., in rock outcrop; standard tablet stamped "TT 9 K 1942"

X = 2,151,782 Y = 440,649 40 31 53.61 76 07 28.73

Shartlesville, on U. S. Highway 22, 690 ft W. of crossroad, 22 ft S. of centerline of hwy., 5.5 ft SW. of cast-iron sign post painted blue and bearing name of village, 6 ft E. of W. end of abandoned concrete pavement, 2 ft S. of N. edge; standard tablet stamped "TT 10 K 1942"

X = 2,455,478 Y = 434,155 40 30 48.77 76 06 42.43

Shartlesville, 1.1 mi E. of, along rd. to Centerport, 0.3 mi E. of Y-rd. fork on U. S. Highway 22, 13 ft S. and 37 ft W. of junction of rd. S., in concrete post; standard tablet stamped "TT 11 K 1942"

X = 2,463,006 Y = 433,206 40 30 38.00 76 05 05.21

Shartlesville, 3.5 mi E. of, 0.8 mi S. of U. S. Highway 22, at St. Michael's Union Church, 6.5 ft N. of N. sidewall of church at midpoint, near W. edge of concrete sill of cellar door; standard tablet stamped "TT 12 K 1942"

X = 2,472,456 Y = 435,608 40 30 59.96 76 03 02.37

Berne, 1.5 mi W. of, 1.3 mi E. of St. Michael's Church, 170 ft NW. of junction of rd. SW., 25 ft W. of centerline of twp. rd., 2 ft SW. of fence corner, about 4 ft above level of rd., in concrete post; standard tablet stamped "TT 15 K 1942"

X = 2,480,420 Y = 436,288 40 31 05.15 76 01 19.02

Molina, about 2.7 mi N. along the Reading Co. Ry. from Port Clinton, at bridge 80/89, in the S. end of E. abutment, 10 ft S. of the centerline of the track and about 2 ft lower than the top of the rail; NGS standard disk stamped "S 44 1934"

X = 2,477,568 Y = 468,822 40 36 27.13 76 01 47.74

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

OBSOLETE MARKS (Cont'd.)

Dreherstown, 68 ft N. of the Reading Co. Ry. station, at pole 83/30, 28 ft W. of centerline of south-bound track and about 2 ft lower than the top of rail, in concrete post; NGS standard disk stamped "T 44 1934"

X = 2,481,058 Y = 481,627 40 38 32.97 76 00 59.24

Pottsville, 0.5 mi S., thence 1.5 mi W. of intersection of Market and Center Streets, 0.5 mi W. of Sherman Coal Company Mine, 0.3 mi W. of Calvary Cemetery, opposite dwelling of Joe E. Miller, 75 ft S. and 12 ft W. from diagonal crossroads, 16 ft E. of centerline of black-top rd., 3 ft NE. of corner post of highway guardrail, in concrete post; standard tablet stamped "TT 6 K 1942"

X = 2,429,318 Y = 490,009 40 40 05.28 76 12 08.41

Pottsville, intersection of Market and Center Streets, 2.8 mi SW. on U. S. Highway 209, thence 1.2 mi SE. on State Highway 83, 0.5 mi E. of Indian Run Reservoir, 27 ft N. and 37 ft E. from I-rd. NE., in rock outcrop about 15 ft higher than rd.; standard tablet stamped "TT 7 K 1942"

X = 2,424,687 Y = 486,986 40 39 36.21 76 13 09.18

Pottsville, 2 mi W. of W. line of city, 1 mi SE. of S. boro line of Minersville, 13 ft E. of center of triangle at junction of State Route (L.R. 199) NW., U. S. Route 209 (L.R. 199) SE. and U. S. Highway 209 (L.R. 725) W.; 18.25 ft E. of rd. marker, 71.3 ft N. of stop sign; 21.6 ft SE. of another stop sign, in concrete post; P.D.H. standard disk stamped "T S 53 9 K 1941"

X = 2,416,498 Y = 493,584 40 40 42.79 76 14 53.96

Minersville, 1.7 mi NE. of, 0.5 mi N. of Duncot School, 250 ft NE. of Y-rd. fork, 23 ft S. and 14 ft W. from center of concrete bridge over creek, in S. corner of W. abutment; P.D.H. standard disk stamped "TT 16 K 1942"

X = 2,416,514 Y = 506,031 40 42 45.77 76 14 51.00

Repillier Mine, 43 ft N. and 35 ft W. of rd. fork at main entrance, in W. end of S. abutment of wooden bridge over RR.; standard tablet stamped "TT 17 K 1942"

X = 2,425,087 Y = 512,158 40 43 44.85 76 12 58.31

Shartlesville, 2.4 mi SW. of, 1.43 mi NE. of Strausstown, 22 ft S. and 8 ft W. from crossroad on State Highway 22, in line with S. edge of pavement extending SW., in NE. corner of concrete inlet; standard tablet stamped "TT 13 K 1942"

X = 2,444,357 Y = 430,084 40 30 10.56 76 09 07.35

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

OBSOLETE MARKS (Cont'd.)

Rehrrsburg, 4.2 mi N. of post office along State Highway 83, at concrete bridge, 15 ft SE. of centerline of highway; in top of S. wingwall, P.D.H. standard disk stamped "J 174 1942" by NGS

X = 2,426,293 Y = 430,800 40 30 20.80 76 13 00.99

Summit Station, 4.2 mi S. of post office, along State Highway 83; at junction of hwy. and private dirt rd. leading W., 57 ft SE. of SE. end of roadway guardrail, 30 ft NW. of 12-in. twin-oak tree with triangular blaze, 25 ft NE. of centerline of hwy. at point of intersection with private rd.; in top of rock outcrop 1.5 ft above ground; NGS standard disk stamped "M 174 1942"

X = 2,426,725 Y = 434,921 40 31 01.44 76 12 54.48

Summit Station, 2.9 mi S. of post office along State Highway 83, 0.2 mi N. of crossing of Appalachian Trail, at log restaurant on top of mountain, 103 ft SW. of centerline of dirt rd. entrance to abandoned rock quarry, 52 ft SE. of centerline of highway, 9 ft SE. of 12-in. oak tree with triangular blaze, 7 ft SW. of dead-end dirt rd., in concrete post; NGS standard disk stamped "G 174 1942"

X = 2,424,514 Y = 439,597 40 31 48.02 76 13 22.06

Summit Station, 1.7 mi S. of post office along State Highway 83, 600 ft SW. of Blue Ridge Restaurant, at W. corner of small cultivated field, in N. corner of woods, 43 ft SE. of centerline of hwy., 38 ft SW. of SW. edge of field, 23 ft SE. of SE. end of 18-in. pipe culvert, 22 ft SE. of powerline pole No. 11802, 11 ft SW. of 10-in. oak tree with triangular blaze, 1 ft NW. of standard reference post, in concrete post; NGS standard disk stamped "F 174 1942"

X = 2,426,375 Y = 444,997 40 32 41.06 76 12 56.74

Summit Station, 1.0 mi S. of post office along State Highway 83, on top of hill, 46 ft E. of centerline of hwy., 23 ft E. of Pennsylvania Power & Light Co. pole No. 1565, 10 ft N. of centerline of private rd. leading E. into field, 1 ft W. of standard reference post and along boundary between two fields, in concrete post; NGS standard disk stamped "E 174 1942"

X = 2,428,365 Y = 447,573 40 33 06.17 76 12 30.38

Friedensburg, 1 mi E. of, along State Highway 443, thence 1.2 mi S. along State Highway 83, on summit of hill, 80 ft N. and 5 ft E. of crossroads, 6 ft S. of twin maple tree, in concrete post; standard tablet stamped "TT 19 K 1942"

X = 2,427,333 Y = 460,473 40 35 13.80 76 12 40.84

Friedensburg, 1.4 mi E. of; 960 ft S. of crossroads (intersection of State Highways 83 and 443); in SE. wingwall of concrete bridge over stream; P.D.H. standard disk stamped "TT 20 K 1942"

X = 2,425,630 Y = 468,738 40 36 35.76 76 13 01.05

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

OBSOLETE MARKS (Cont'd.)

Cressona, 0.5 mi S. of, thence 2 mi W., along black-top rd., 55 ft S. and 55 ft W. from fork of rd. SE., 22 ft S. of centerline of black-top rd., 7 ft SE. of 20-in. elm tree, about 3 ft above level of rd., in concrete post; standard tablet stamped "TT 21 K 1942"

X = 2,423,066 Y = 476,455 40 37 52.44 76 13 32.57

Cressona, 0.7 mi N. of, on State Highway 83, 18 ft E. of centerline of hwy., at S. abutment of bridge over Schuylkill River, in SE. wingwall, 1 ft E. of S. end of balustrade; P.D.H. standard disk stamped "TT 22 K 1942"

X = 2,431,443 Y = 480,337 40 38 29.35 76 11 43.04

C. A. Turner, 1942; Book D4590

St. Clair, 3.3 mi NE. of, 55 ft W. of highway, 30 ft W. of P.P. & L. Co. pole HO FI 16 IB, in rd. directly under powerline, in boulder flush with ground; standard tablet stamped "4 M 1942"

X = 2,444,593 Y = 518,935 40 44 48.38 76 08 43.40

Silver Creek, at village of, 1.35 mi NW. of New Philadelphia, on W. side of rd., 70 ft NW. of rd. fork, in SE. corner of concrete foundation of old abandoned building; standard tablet stamped "TT 26 I 1942"

X = 2,447,756 Y = 514,218 40 44 01.21 76 08 03.43

New Philadelphia, about 120 ft N. of Reading Co. Ry. station; 12 ft N. of centerline of rd.; 16 ft E. of centerline of track and about level with top of rail; in base of signal control; NGS standard disk stamped "W 40 1934"

X = 2,453,071 Y = 509,022 40 43 08.90 76 06 55.65

Penn. Dept. of Hwys.
W. J. Knuth, 1942; Book Pa. 16

Deer Lake, 625 ft SW. of, along State Highway 895 (L.R. 466); 738 ft SW. of center of junction of State Route 122 (L.R. 141) with Highway 895 (L.R. 466) W., 19 ft S. of center of concrete hwy., 12 ft N. of 24-in. oak tree with triangular blaze, 29 ft E. of SE. corner of concrete culvert on State Route 895 (L.R. 466), in concrete post; P.D.H. standard disk stamped "T S 53 2A 1942"

X = 2,469,044 Y = 472,528 40 37 05.37 76 03 37.32

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

OBSOLETE MARKS (Cont'd.)

Auburn, 1.7 mi SW. of, along State Route 895 (L.R. 53003), 14 ft N. and 209 ft W. of crossroads (State Route 895 L.R. 53003) and Township rd. 676; in concrete post; P.D.H. standard disk stamped
"T S 53 22 K 1942"

X = 2,453,215 Y = 462,381 40 35 28.06 76 07 04.97

Auchey's, 0.7 mi NE. of, along State Route 895 (L.R. 53003), 0.4 mi W. of junction of State Highway 895 with Township rd. 699 leading S. to Stoney Mountain Gun Club, 72 ft S. of center of hwy., 80 ft E. of SE. corner of one-room schoolhouse, in schoolyard, in concrete post; P.D.H. standard disk stamped
"T S 53 3A 1942"

X = 2,442,183 Y = 458,047 40 34 47.23 76 09 28.96

Roeders, 0.5 mi NE. of along State Route 895 (L.R. 53003), 62 ft S. and 71 ft W. of center of triangle at junction of State Route 895 (L.R. 53003) with twp. rd. 973 SW., 172 ft E. of NE. corner of red barn, 96 ft NE. of 24-in. apple tree with triangular blaze, in concrete post; P.D.H. standard disk stamped
"T S 53 23 K 1942"

X = 2,433,722 Y = 453,704 40 34 05.81 76 11 19.60

Roeders, 60 ft S. of Reading Co. Ry. station, 210 ft E. of rd. crossing, 33 ft S. of centerline of track and about level with top of rail, in concrete post; NGS standard disk stamped "W 42 1934"

X = 2,432,579 Y = 453,359 40 34 02.60 76 11 34.48

Summit Station (Hammond), 92 ft S. and 62 ft E. from center of junction of State Route 83 (L.R. 310) with twp. rd. 592 E., 200 ft S. of hwy. bridge over Reading Co. Ry., 80 ft S. of SE. corner of culvert, 80 ft N. of dead apple tree, in uncultivated field, in small rock outcrop; P.D.H. tablet stamped
"T S 53 4A 1942"

X = 2,428,609 Y = 451,117 40 33 41.14 76 12 26.43