

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

41-076-22
SHICKSHINNY QUADRANGLE
143 PENNSYLVANIA
N4100-W7600/15
DIAGRAM NK 18-7
WILLIAMSPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Luzerne and Columbia Counties

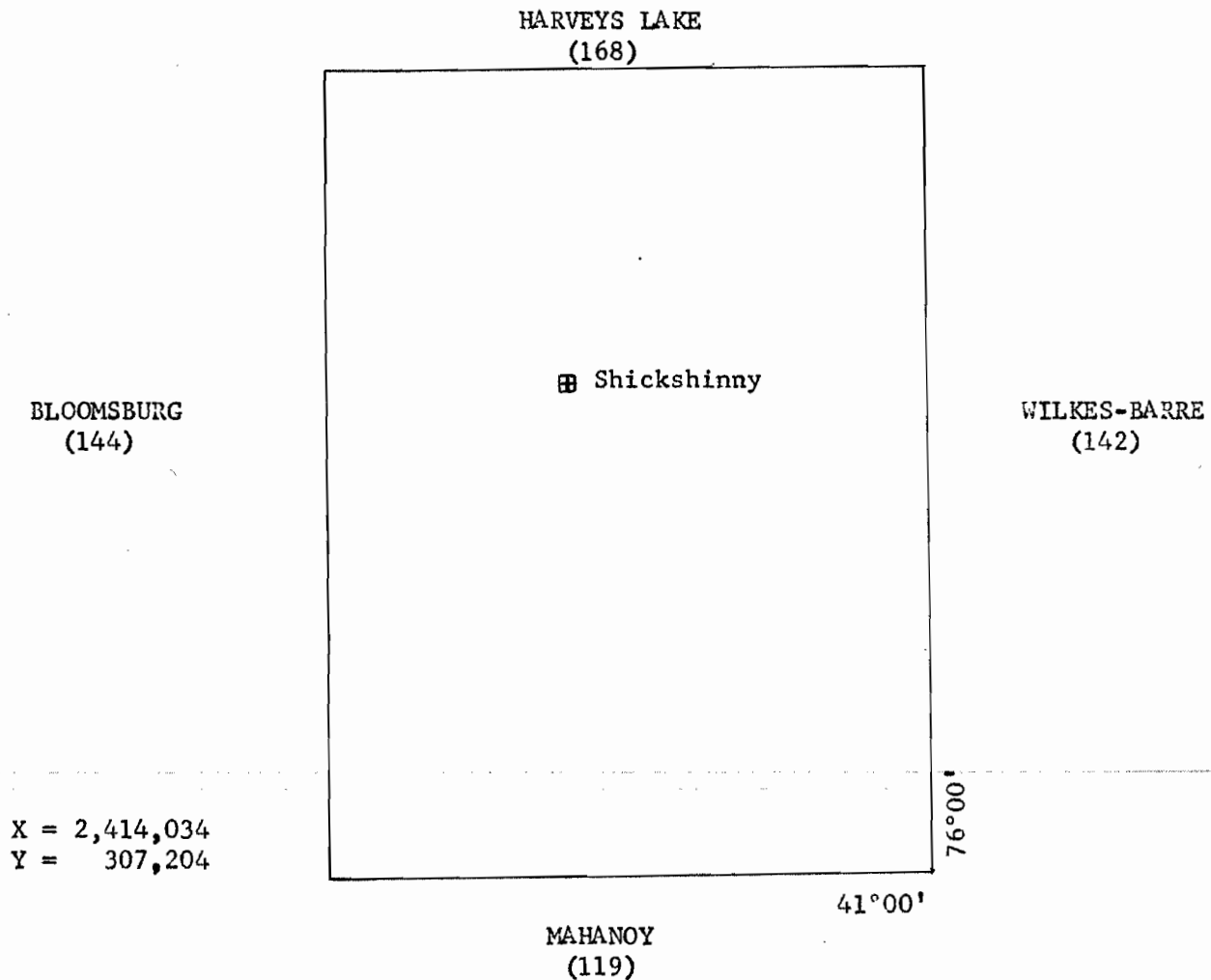
Final adjustment of 1974

Edition of 7/25/74

PR: GWK/ale

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

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



143 PENNSYLVANIA
SHICKSHINNY QUADRANGLE

41-076-22
N4100-W7600/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 14 K 1932	3
TT 22 K 1932	3
TT 23 K 1932	3
TT 27 K 1932	3
TT 28 K 1932	3
TT 29 K 1932	3
TT 30 K 1932	4
TT 31 K 1932	4
TT 32 K 1932	4
TT 33 K 1932	4
TT 34 K 1932	4
TT 35 K 1932 (Reset 1940)	4
TT 36 K 1932	5
TT 37 K 1932	5
TT 40 K 1932	5
11 B 1942 631	7
12 B 1942 790	7
13 B 1942	7
16 B 1942	8
18 B 1942 767	8
21 B 1942 1050	6
23 B 1942 970	6
26 B 1942	7
14 JPN 1942 506	5
15 JPN 1942 860	5
16 JPN 1942 919	5
19 JPN 1942 1535	7
20 JPN 1942 858	7
40 CH 1942	8
41 CH 1942	6
TT 3 GR 1942	6
TT 25 GR 1942	6
TT 27 T 1942	6
TT 28 T 1942	7
<u>NGS</u>	
A 47 1934	6

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.

C. B. Kendall, 1932; Books D426-428

Folstown, about 0.2 mi NW. of; 1.2 mi (airline) S. of Alden; at summit of Penobscot Mountain; near Newport-Slocum Township line; 80 ft SE. of center of rd.; in highest point; on highest point of large rock outcrop about 6 ft above ground; standard tablet stamped "TT 14 K 1932"

X = 2,478,219 Y = 367,334 41 09 42.18 76 00 47.36

Nanticoke, at S. side of Central Park; on N. side of North Market Street between Green and Broad Streets; in top at S. side of 6- by 6-ft concrete base for 12-in. flagpole set 5 ft in ground; standard tablet stamped "TT 22 K 1932"

X = 2,480,600 Y = 382,107 41 12 07.65 76 00 12.33

Grand Tunnel, on N. side of Susquehanna River opposite Nanticoke; 200 ft NE. of N. end of state hwy. bridge over Susquehanna River; 300 ft SW. of public school; 40 ft N. of center of U. S. Highway 11; in conglomerate sandstone ledge on E. edge of path to schoolhouse; standard tablet stamped "TT 23 K 1932"

X = 2,480,569 Y = 387,323 41 21 59.18 76 00 11.36

Slocum, 1.2 mi (airline) SE. of; 1.8 mi (airline) N. of Dorrance; in Stairville; 50 ft E. of Nanticoke-Hazelton State rd. (macadamized); 20 ft S. of junction of S. leg of rd. E. to Bliems Corners and Nuangola Lake; in perpendicular face of rock outcrop, about 7 ft above surface of rd.; standard tablet stamped "TT 27 K 1932"

X = 2,478,583 Y = 355,707 41 07 47.25 76 00 45.65

Slocum, about 1.5 mi SW. of; 40 ft N. and 14 ft E. of junction of Slocum-Wapwallopen State rd.; on W. edge of rd.; 60 ft N. and 25 ft W. of NW. corner of residence of J. W. Ace; in SW. corner of cultivated field; 33 ft E. of SE. corner of residence of Henry Deets; in top of 2.5- by 3-ft sandstone boulder in place; standard tablet stamped "TT 28 K 1932"

X = 2,469,400 Y = 356,421 41 07 56.10 76 02 45.44

Pond Hill, about 300 ft E. of junction of Folstown-Pond Hill Station rd. and rd. NE. to Lilly Lake (Long Pond); 33 ft S. and 6 ft E. of center of concrete hwy. bridge over Pond Creek; 25 ft S. of center of hwy.; at edge of woods; in top of 6- by 10-ft conglomerate boulder in place; standard tablet stamped "TT 29 K 1932"

X = 2,457,898 Y = 356,303 41 07 57.15 76 05 15.75

143 PENNSYLVANIA
SHICKSHINNY QUADRANGLE

41-076-22
4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
---------	-------------	----------	-----------

PLANE COORDINATES, FEET

OBSOLETE MARKS (Cont'd.)

Pond Hill Station, 0.2 mi N. of; 33 ft E. of E. track at water tank; in top of N. end of E. concrete foundation; standard tablet stamped "TT 30 K 1942"

X = 2,446,335 Y = 349,872 41 06 55.78 76 07 48.40

Mocanaqua, about 2.5 mi E. of, along Alden State rd.; at Lee School; 22 ft N. and 70 ft W. of junction of dirt rd. NW. to coal mine; 5 ft S. and 20 ft E. of SE. corner of concrete porch of schoolhouse; on N. side of rd.; in top of 2.5- by 3.5 ft granite boulder in place; standard tablet stamped "TT 31 K 1932"

X = 2,454,900 Y = 363,242 41 09 06.26 76 05 53.19

Glen Lyon, at Roosevelt High School; on Main Street; in top of E. end of bottom step of stone steps leading from sidewalk to front entrance; level with sidewalk; standard tablet stamped "TT 32 K 1932"

X = 2,462,346 Y = 371,962 41 10 30.99 76 04 13.66

Nanticoke, 2.2 mi SW. of; 0.7 mi N. of Wanamie; 175 ft N. and 175 ft E. of junction of rd. NE. to Nanticoke; 40 ft W. of Nanticoke-Glen Lyon State rd.; 40 ft N. and 30 ft E. of SE. corner of residence of Edwin Richards; near center of sandstone outcrop extending 15 ft E. and W. and sharp on top; standard tablet stamped "TT 33 K 1932"

X = 2,470,677 Y = 373,899 41 10 48.52 76 02 24.25

Shickshinny, at W. end of hwy. bridge over Susquehanna River; in top of NW. corner of S. ornamental lamppost; in shore pier forming balustrade or handrail of bridge, 4 ft above floor level; standard tablet stamped "TT 34 K 1932"

X = 2,440,408 Y = 361,812 41 08 55.41 76 09 02.50

Shickshinny, 3.4 mi NE. of, along U. S. Highway 11; 2.4 mi SW. of Hunlock Creek; 250 ft W. of front entrance to middle part of Central Poor District of Luzerne County dairy barn at Retreat Farms; 100 ft S. of centerline of U. S. Highway 11; near top of small knoll; in top of sandstone outcrop; standard tablet stamped "TT 35 K 1932" (Reset 1940)

HORIZONTAL POSITION LOST

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

OBSOLETE MARKS (Cont'd.)

Hunlock Creek, about 300 ft SW. of Delaware, Lackawanna & Western Railroad station; in top of W. end of S. abutment of RR. bridge over Hunlock Creek; standard tablet stamped "TT 36 K 1932"

X = 2,463,229 Y = 382,967 41 12 19.54 76 03 59.32

Hunlock Creek, 3.1 mi NW. of station; 0.6 mi SE. of Gregorys Corners; on Van Horn estate; 190 ft N. of junction of Hunlock-Muhlenburg concrete county rd. and township rd. N. to Roaring Branch and Prichard; 115 ft N. and 25 ft E. of stone bridge over Hunlock Creek; on W. side of small spring-fed stream; 60 ft E. of center of rd.; in large boulder; standard tablet stamped "TT 37 K 1932"

X = 2,450,378 Y = 389,358 41 13 25.11 76 06 45.84

West Nanticoke, 2.2 mi (airline) NW. of; about 1.8 mi SW. of Ceases Mills; in Plymouth Township; directly opposite and 135 ft S. of White Oak School; 105 ft S. of crossroads; about 250 ft E. of residence of Stephen Eveland; in pasture field; in top of E. end of large 6- by 10-ft sandstone boulder 3 ft about ground; standard tablet stamped "TT 40 K 1932"

X = 2,468,615 Y = 397,924 41 14 46.26 76 02 45.02

Hetlerville, 1.2 mi E. of, along paved rd.; 24 ft N. and 12 ft E. of junction of T-rd. S.; in SW. corner of strip of woods; in concrete post projecting about 3 in. above ground; standard tablet stamped "16 JPN 1942 919"

X = 2,417,214 Y = 311,963 41 00 46.47 76 14 17.45

Nescopeck, 2.4 mi SW. of, along second-class rd.; 0.4 mi E. of, along paved rd., thence 1.0 mi along second-class rd. NE. of Hetlerville; 60 ft N. and 24 ft E. of junction of T-rd. N.; in NE. corner of concrete well; standard tablet stamped "15 JPN 1942 860"

X = 2,416,669 Y = 315,400 41 01 20.52 76 14 23.77

Nescopeck, 0.5 mi S. of Pa. RR. station, along tarvia rd.; 18 ft W. of center of rd.; on lowest step of SW. wingwall of girder bridge over Nescopeck Creek; standard tablet stamped "14 JPN 1942 506"

X = 2,421,238 Y = 323,011 41 02 34.92 76 13 22.43

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

OBSOLETE MARKS (Cont'd.)

Berwick; at post office; 45 ft S. of center of Market Street; 20 ft E. of main entrance; in E. step parapet; about 3 ft higher than street; NGS standard disk stamped "A 47 1934"

X = 2,417,769 Y = 327,635 41 03 21.20 76 14 06.64

Berwick, 2.0 mi N. of post office; at Foundryville; 30 ft N. and 50 ft E. of Y-rd. junction; in concrete post; standard tablet stamped "CH 41 1942"

X = 2,417,457 Y = 335,833 41 04 42.25 76 14 08.83

Daniel Garvin, 1942; Book D4891

Saint Johns, 0.2 mi SW. of post office; 140 ft S. of junction of T-rd. S.; 10 ft W. of center of graveled rd.; in S. end of W. parapet wall of concrete bridge over abandoned canal; standard tablet stamped "23 B 1942 970"

X = 2,481,090 Y = 318,541 41 01 39.59 76 00 22.67

"TT 25 GR 1942" (Destroyed, 1962)

X = 2,478,600 Y = 325,753 41 02 51.33 76 00 53.27

"21 B 1942 1050" (Destroyed, 1955)

X = 2,476,004 Y = 336,292 41 04 35.96 76 01 24.40

Dorrance; 270 ft S. of crossroads; on W. side of rd. to Saint Johns; 19 ft W. of junction of private driveway E.; 5 ft W. of, and level with rd. crown; in top of large concrete drop inlet; standard tablet stamped "TT 3 GR 1942"

X = 2,479,996 Y = 346,347 41 06 14.50 76 00 29.65

C. A. Turner, 1942; Book D4729

Cedar Grove (Cedar Head) School, in Sugar Loaf township; 155 ft SE. of junction of rd. N.; in front yard; 8.5 ft W. and 3 ft N. of SW. corner of schoolhouse; in concrete post; standard tablet stamped "TT 27 T 1942"

X = 2,453,509 Y = 310,464 41 00 25.13 76 06 24.46

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

OBSOLETE MARKS (Cont'd.)

Cedar Grove School, 1.7 mi W. of; 4.6 mi NW. of Tomhickon; in SW. end of concrete bridge over Nescopeck Creek, 1 ft above bridge floor; standard tablet stamped "TT 28 T 1942"

X = 2,446,136 Y = 309,479 41 00 16.77 76 08 00.85

J. L. Gasman, 1942; Book D5038

"13 B 1942" (Destroyed, 1954)

X = 2,450,362 Y = 389,426 41 13 25.79 76 06 46.03

Shickshinny, 1.3 mi NW. of, along State Highway 239, thence 2.7 mi NE. along tarvia rd. to Muhlenburg; 2.0 mi SE. of Muhlenburg; 12 ft W. of center of rd.; in top of S. end of W. parapet wall of concrete bridge; standard tablet stamped "12 B 1942 790"

X = 2,441,849 Y = 381,309 41 12 07.17 76 08 39.39

Shickshinny, 1.3 mi NW. of, along State Highway 239; at Koonsville; 75 ft S. and 25 ft E. of junction of rd. SW.; in top of NE. wingwall of concrete bridge over Shickshinny Creek; standard tablet stamped "11 B 1942 631"

X = 2,437,430 Y = 369,235 41 10 08.70 76 09 40.08

Wapwallopen, 0.2 mi SE. of, along tarvia rd.; 15 ft N. and 33 ft E. of intersection of crossroads; in SE. end of concrete headwall of culvert; standard tablet stamped "26 B 1942"

X = 2,446,656 Y = 333,650 41 04 15.46 76 07 48.17

Briggsville, 0.6 mi N. of, along tarvia rd.; 2.5 mi S. of Wapwallopen, along State Highway 29; 192 ft W. of crossroads; 15 ft N. of center of rd.; in top of E. end of N. headwall of small masonry bridge; standard tablet stamped "20 JPN 1942 858"

X = 2,447,866 Y = 324,185 41 02 41.73 76 07 34.70

Briggsville, about 1.4 mi SE. of, along old State Highway 29; 0.2 mi SE. of intersection of old hwy. and new State Highway 29; along old hwy.; about 250 ft SW. of service station on top of Nescopeck Mountain; 50 ft SW. and 10 ft SE. of junction of abandoned woods rd. SW.; in large flat boulder about 3 in. above ground; standard tablet stamped "19 JPN 1942 1535"

X = 2,454,631 Y = 318,792 41 01 47.19 76 06 07.76

143 PENNSYLVANIA
SHICKSHINNY QUADRANGLE

41-076-22
8

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

OBSOLETE MARKS (Cont'd.)

Harveyville, 24 ft N. and 37 ft E. of intersection of crossroads; in W. end of concrete wingwall of bridge over Huntington Creek; standard tablet stamped "16 B 1942"

X = 2,413,641 Y = 385,149 41 12 50.11 76 14 47.48

B. D. Harsha, 1943; Book D5038

Miller School, 1.6 mi E. of, along township rd., thence 1.8 mi N. along old state (abandoned) rd.; N. of crest of Huntington Mountain; 119 ft N. and 54 ft E. of, and 9.5 ft lower than intersection of trails on crest of mountain; in rock outcrop; standard tablet stamped "40 CH 1942"

X = 2,415,560 Y = 356,031 41 08 02.12 76 14 29.01

Waterton, 0.7 mi SW. of, along Legislative Route 40076 to Jonestown; 0.2 mi SW. of Waterton School and Methodist Church; 67 ft S. and 20 ft W. of grass triangle at junction of Township Road 472 and Legislative Route 40076; 28 ft E. of center of Legislative Route; 17 ft N. and 16 ft W. of NW. corner of ell of two-story white frame house; in top of embedded rock flush with surface of lawn; standard tablet stamped "18 B 1942 767"

X = 2,417,481 Y = 363,559 41 09 16.16 76 14 02.19