

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lackawanna, Monroe, Pike, and
Wayne Counties

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 3/17/76

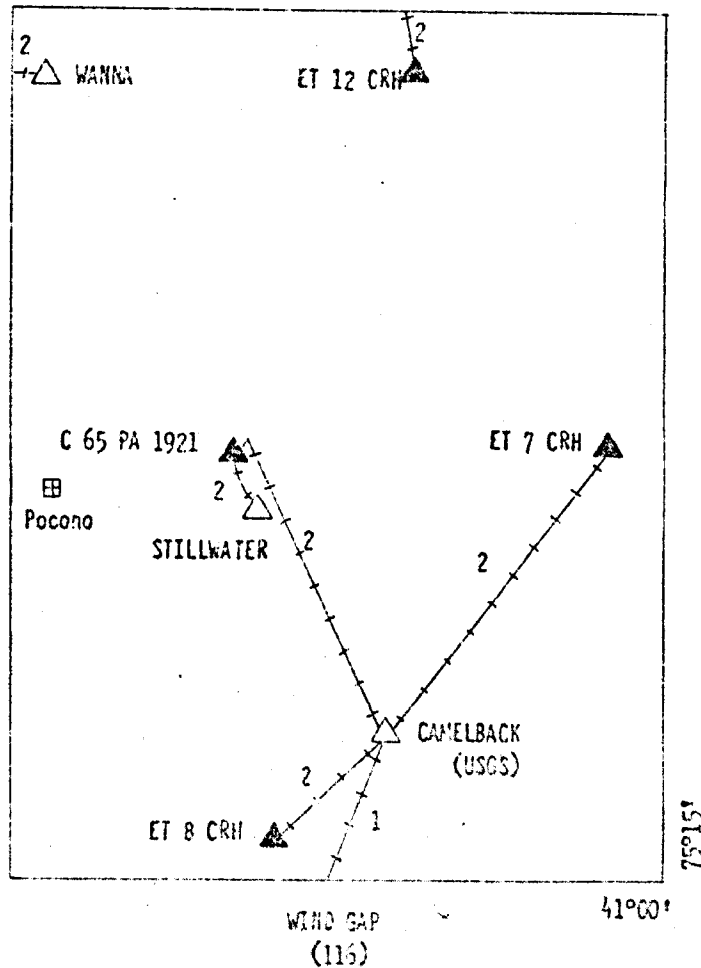
PR: CRV/mm

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

ARIEL
(165)

STODARTSVILLE
(141)

BUSHKILL
(139 PA.-52 N.J.)



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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

The following positions are considered COSMOLETE. To be used only to locate permanent marks in the field.

By B. H. Yoakum, 1925; Book C7143-48

N. side of hwy.; on iron post; brass cap stamped "U S MILITARY RESERVATION 78 WIT"

X = 2,625,175	Y = 400,942	41 14 40.55	75 28 35.17
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Rd. fork N.W.; 40 ft S. of; on iron post; brass cap stamped "U S MILITARY RESERVATION 82 WIT"

X = 2,624,155	Y = 400,720	41 14 38.62	75 28 48.59
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Tobyhanna, 4.5 mi NE. of; 4.0 mi S. of South Sterling; 35 ft N. of crossroads; in large boulder; standard tablet stamped "PRIM TRAV STA NO 14 Y 1925 2092 TBY"

X = 2,655,363	Y = 394,963	41 13 33.48	75 22 02.29
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Kistler Ledge, 0.5 mi E. of; 500 ft N. of crossroads; on iron post; brass cap stamped "U S MILITARY MONUMENT NO 146"

X = 2,655,157	Y = 395,486	41 13 38.70	75 22 04.80
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By E. F. Burnzynski, 1957; Book AH 476

Bartonsville; about 635 ft SW. of intersection of U. S. Highway 611 and State Highway 12; in top of stone wingwall of old bridge over Pocono Creek; standard disk stamped "C 70 PA 1921"

X = 2,681,530	Y = 314,676	41 00 13.24	75 16 49.95
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Fernridge, about 6.2 mi SE. of, along State Highway 115 from post office; about 3.6 mi NW. of Morwingsburg; 32 ft N. and 5 ft W. of junction of T-rd.; in concrete headwall; NGS standard gravity station disk not stamped

X = 2,625,812	Y = 317,114	41 00 52.38	75 28 55.57
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THIRD-ORDER ELECTRONIC

Final adjustment of 1975

LINE 1.

By A. A. Shands, 1959; Book AH 592

USGS standard triangulation station tablet unstamped, designated "CAMELBACK MTN 1917" (Tied by NGS and designated "CAMELBACK USGS")

X = 2,661,343.19	Y = 328,149.52	41 02 31.927	75 21 08.266
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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LINE 2.

By W. A. Couse, 1953; Book AH 820

NGS standard traverse station disk stamped "WANNA 1960"

X = 2,620,621.88	Y = 395,455.52	41 13 47.537	75 29 36.624
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Near Newfoundland, 1.9 mi S. of junction of State Highways 191 and 490, along Highway 191 to dirt rd. right (County Highway 45097), thence 1.1 mi right along dirt rd. to track rd. left through open field, thence 0.1 mi left along track rd.; on right side of rd.; 12 ft SW. of small tree; in stone flush with ground; standard tablet stamped "ET 12 CRH 1963". Grid azimuth to Goulds LOT 4.6 mi distant: 165°45'52".

X = 2,660,285	Y = 398,467	41 14 06.75	75 20 56.64
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USGS standard triangulation station tablet unstamped; designated "CAMELBACK MTN 1917" (Tied by NGS and designated "CAMELBACK USGS") (Also in line 1)

X = 2,661,343.19	Y = 328,149.57	41 02 31.927	75 21 08.266
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Paradise Valley, 0.5 mi N. of junction of State Highways 191 and 196, along Highway 191 to dirt I-rd., thence 0.7 mi right along dirt rd. to reverse Y-rd., thence 0.4 mi sharp left to railroad grade crossing; 288 ft NW. of crossing; 12 ft W. of southbound track; in large cement square, flush with ground; standard tablet stamped "ET 7 CRH 1963". Grid azimuth to Camelback LOT 7.7 mi distant: 34°35'14".

X = 2,684,481	Y = 361,706	41 07 56.92	75 15 53.88
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Reenders, 0.1 mi S. of Jackson Township School, along State Highway 171 to I-rd., thence 2.3 mi right to dirt I-rd., thence 1.2 mi left to paved I-rd., thence 0.2 mi right along paved rd., thence 0.2 mi left along track rd. to end of rd. at gate, thence through gate 0.1 mi to crest of hill, thence right 300 ft; 94 ft S. of tree line; in stone, flush with ground; standard tablet stamped "ET 8 CRH 1963". Grid azimuth to Camelback Microwave tower 3.0 mi distant: 188°45'33".

X = 2,653,188	Y = 312,683	41 00 01.38	75 23 00.17
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NGS standard traverse station disk stamped "STILLWATER 1960"

X = 2,647,162.92	Y = 351,326.61	41 06 24.690	75 24 05.052
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NGS standard azimuth mark disk stamped "STILLWATER 1960"

X = 2,647,708	Y = 351,633	41 06 27.62	75 23 57.82
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Pocono Summit; across County Road 940 from Delaware, Lackawanna and Western Railroad Station; at Pocono Summit Post Office and General Store; on top of W. end of top step leading to post office; 1 1/2 ft above ground; standard tablet stamped "C 65 PA 1921"

X = 2,650,893	Y = 354,222	41 06 52.29	75 23 15.31
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