

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

40-075-12
EASTON QUADRANGLE
40 N.J.-92 PA.
N4030-W7500/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Warren and Hunterdon Counties, N.J.;
Bucks and Northampton Counties, Pa.

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

Final adjustment of 1975

Edition of 2/13/75

PR: GWK/sws

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

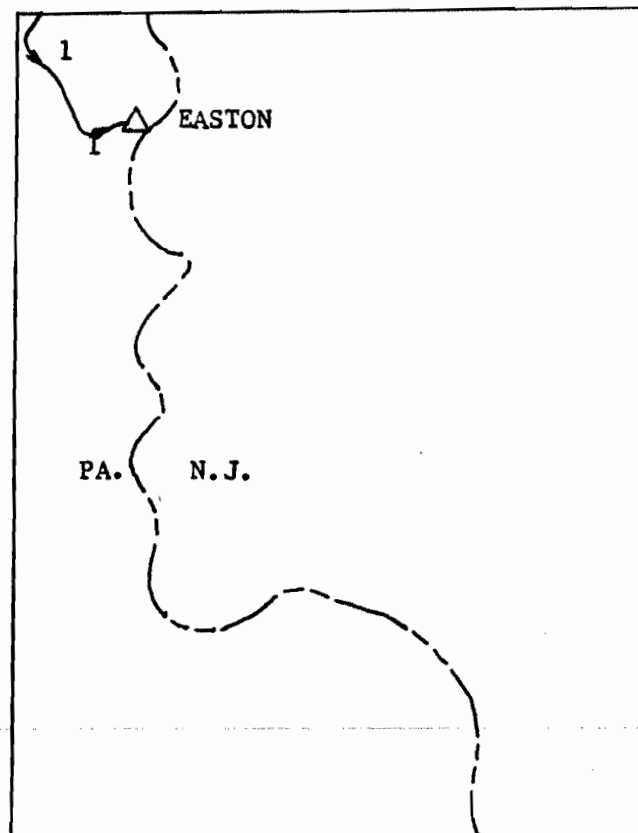
DELAWARE WATER GAP
(115 PA.-46 N.J.)

ALLENTOWN
(93)

PA. N.J.

HIGH BRIDGE
(39)

X = 2,695,170
Y = 434,836



DOYLESTOWN
(69 PA.-35 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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EASTON QUADRANGLE

40-075-12
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INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>LINE NO.</u>	<u>STA. NO.</u>
TT STA NO 1 K 1929	3		
TT STA NO 2 K 1929	3		
TT STA NO 3 K 1929	3		
TT STA NO 4 K 1929	3		
TT STA NO 5 K 1929	3		
TT STA NO 6 K 1929	3		
TT STA NO 7 K 1929	3		
TT STA NO 8 K 1929	4		
TT STA NO 9 K 1929	4		
TT STA NO 13 K 1929	4		
TT STA NO 14 K 1929	4		
TT STA NO 15 K 1929	4		
TT STA NO 17 K 1929	4		
TT 34 EFB 1957	5	1	358
<u>NGS</u>			
EASTON 1942	5	1	382

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.

By L. E. Briggs and J. B. Keating, 1929; Books C8972-73

Erwinna, 4.2 mi W. of; 200 ft E. of small frame dwelling; 20 ft SE. of rd. across from entrance to V. Rancz place; in large flat boulder; standard tablet stamped "TT STA NO 1 K 1929"

X = 2,726,545 Y = 437,935 40 30 21.64 75 08 12.85

Erwinna, 1.0 mi W. of; 50 ft N. and 35 ft W. of junction of two small streams; 25 ft S. of rd. forks; 20 ft S. and 15 ft E. of plank bridge over small stream; in concrete post; standard tablet stamped "TT STA NO 2 K 1929" (Not found, 1955)

X = 2,740,614 Y = 438,001 40 30 18.14 75 05 10.77

Uhlertown, 140 ft N. and 35 ft E. of T-rd. E. over Delaware River to Frenchtown; 55 ft N. of N. wing of W. abutment of covered bridge over Delaware River; in concrete post; standard tablet stamped "TT STA NO 3 K 1929" (Not found, 1955)

X = 2,745,636 Y = 445,874 40 31 34.40 75 04 02.69

Upper Black Eddy, 0.2 mi NW. of covered bridge; 40 ft NW. of T-rd. SW.; 30 ft S. of high water mark of Delaware River; in concrete post; standard tablet stamped "TT STA NO 4 K 1929" (Not found, 1955)

X = 2,735,260 Y = 460,422 40 34 01.19 75 06 11.35

Kintenersville, 110 ft S. of center of bridge over Gallows Creek; 50 ft S. of intersection of State Highway 32 and State and U.S. Highway 611; in concrete post; standard tablet stamped "TT STA NO 5 K 1929" (Tied by NGS, 1942)

X = 2,714,364 Y = 456,807 40 33 31.59 75 10 43.36

Riegelsville, 600 ft N. of intersection of U.S. Highway 611 and T-rd. E. over Delaware River to New York; on grounds of; and about 400 ft N. of St. John Reformed Church; in concrete base of northernmost Cannon Monument; standard tablet stamped "TT STA NO 6 K 1929"

X = 2,709,167 Y = 470,216 40 35 45.53 75 11 45.65

Raubsville, 800 ft N. of Penn. Lt. and Power Co. sub-station; 300 ft W. of L.C.&N. Canal; 20 ft E. of State Highway 611; in concrete base of water tower; standard tablet stamped "TT STA NO 7 K 1929"

X = 2,709,704 Y = 482,369 40 37 45.42 75 11 34.12

40 N.J.-92 PA.
EASTON QUADRANGLE

40-075-12
4

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

OBSOLETE MARKS (Cont'd.)

Easton, 2.8 mi S. of; 0.5 mi SW. of tourist camp; 30 ft NE. of P.C. of curve; on NW. side of rd.; in ledge; standard tablet stamped "TT STA NO 8 K 1929"

X = 2,710,229 Y = 495,820 40 39 58.13 75 11 22.26

Glendon, 0.3 mi SW. of switch tower on L.V. RR.; 600 ft SW. of highway bridge across RR. on W. right-of-way line of L.V. RR.; in boulder outcrop; standard tablet stamped "TT STA NO 9 K 1929"

X = 2,697,295 Y = 496,100 40 40 04.57 75 14 09.93

Bursonville, 1.4 mi S. of; in concrete post; standard tablet stamped "TT STA NO 13 K 1929" (Not found, 1956)

X = 2,699,082 Y = 443,397 40 31 23.47 75 14 06.22

Easton, 1.1 mi N. of; in Nervins Public Park; N. of intersection of Lafayette St. and Delaware Ave.; in masonry post on N. side of Aquarium; standard tablet stamped "TT STA NO 14 K 1929"

X = 2,706,965 Y = 511,341 40 42 32.37 75 11 58.79

Easton, 4.6 mi N. of; 1 mi W. of State Highway 611; 0.2 mi W. and N. along second class rd. from L.N.E. RR.; 20 ft E. of T-rd.; 20 ft W. of house; on fenceline in concrete post; standard tablet stamped "TT STA NO 15 K 1929"

X = 2,706,726 Y = 521,040 40 44 08.24 75 11 58.25

Seipsville, 1.0 mi S. of; 2.2 mi W. of center square at Easton; 800 ft E. of Five points; 160 ft W. of Eastern-Northern RR.; along State Highway 25; 50 ft N. of Highway 45; 30 ft S. of Schaibles Bakery; in concrete base of fire hydrant; standard tablet stamped "TT STA NO 17 K 1929"

X = 2,693,279 Y = 503,125 40 41 15.08 75 14 59.44

LINE 1.

By E. F. Burzynski, 1957; Book AH 476

349a. Centerline of rd. at rd. E.

X = 2,697,712 Y = 522,787 40 44 28.05 75 13 54.65

354+. Centerline of crossroads

X = 2,698,584 Y = 519,083 40 43 51.22 75 13 44.70

40 N.J.-92 PA.
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40-075-12
5

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

LINE 1 (Cont'd.)

358. Easton, 3.3 mi NW. along State Highways 90 and 115 from main square; 3.0 mi SE. of Stockertown; 53 ft N. and 8 ft E. of, and about level with Y-rd.; in E. end of concrete headwall; standard tablet stamped "TT 34 EFB 1957"

X = 2,698,844 Y = 517,361 40 43 34.14 75 13 41.96

358a. Centerline of rd. at rd. N.

X = 2,698,836 Y = 517,307 40 43 33.61 75 13 42.08

361+. Centerline of rd. at rd. W.

X = 2,700,282 Y = 514,898 40 43 09.40 75 13 24.21

367a. Centerline of crossroads

X = 2,702,646 Y = 510,743 40 42 27.69 75 12 55.07

370+. Centerline of rd. at
private rd. S.

X = 2,705,126 Y = 512,444 40 42 43.79 75 12 22.24

382. NGS standard triangulation station disk stamped "EASTON 1942"

X = 2,707,402.60 Y = 514,246.57 40 43 00.947 75 11 52.014