

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

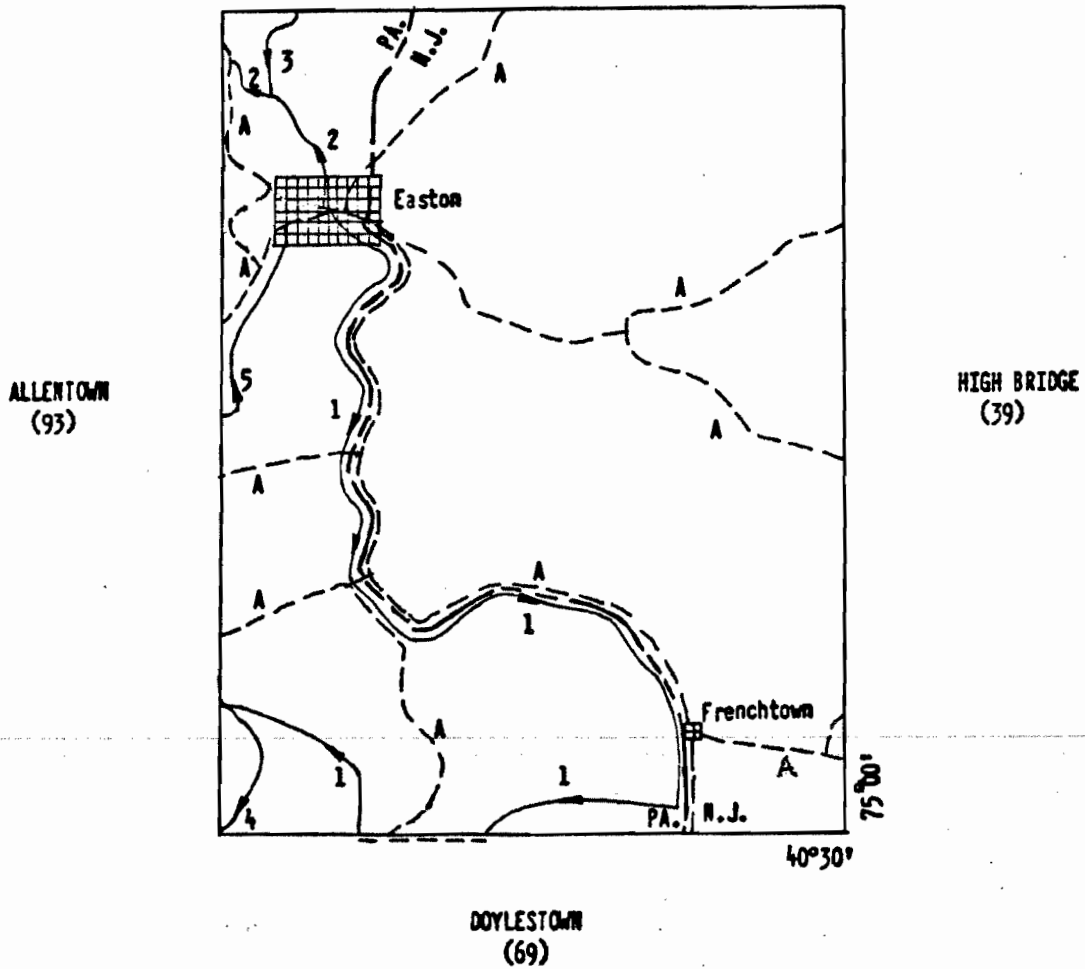
Only the permanent marks
are listed for lines
run more than 25 years
before edition date

Final adjustment of 1971

Edition of 5/16/72

PR: GVK'jyk

DELAWARE WATER GAP
(115)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400751

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
319	3	TT STA NO 17 K 1969 324	5
MM 1 1929	4	127 WMC 1962 562	4
TT STA NO 1 K 1929	4	128 WMC 1962 537	5
TT STA NO 2 K 1929	4	129 WMC 1962 594	5
TT STA NO 3 K 1929	3		
TT STA NO 4 K 1929	3	<u>PDH</u>	
TT STA NO 5 K 1929	3		
TT STA NO 6 K 1929	3	NOT STAMPED (151.082)	3
TT STA NO 7 K 1929	3		
TT STA NO 8 K 1929	3	<u>NGS</u>	
TT STA NO 9 K 1929	5		
TT STA NO 13 K 1929	4	C 269 1960	5
TT STA NO 15 K 1969	4	ROSE 1960	5
TT STA NO 14 K 1929	4		

EASTON
Books A 9519 and B 3295

N.J.-PA.

C. E. Mills, 1914
M. C. McClellan, 1929

ISOLATED BENCH MARKS (By C. E. Mills, 1914; Book A 9519, M. C. McClellan, 1929; Book B 3295) Feet

Tatamy; 0.25 mi S. of station; on trestle over mill race, and E. wingwall of S. abutment; standard tablet stamped "319" (Tied by NGS) 319.366

LINE 1.

M. C. McClellan, 1929; Book B 3295

Easton, 2.8 mi S. of; 0.5 mi SW. of tourist camp; 30 ft N. of point of curve; NW. side of rd.; in ledge; standard tablet stamped "TT STA NO 8 K 1929" 222.945

Reference mark; 200 ft NE. of tablet; SW. end of NW. concrete headwall; chiseled square 224.69

Raubsville; 0.15 mi N. of Pennsylvania Light & Power Co. Raubsville substation; 300 ft W. of Lehigh Coal and Navigation Co. Canal; 20 ft E. of U. S. Highway No. 611; in concrete base of water tower; standard tablet stamped "TT STA NO 7 K 1929" 179.867

Reference mark; 80 ft N. of tablet; N. end of E. concrete headwall; chiseled square 178.44

Riegelsville; 0.12 mi N. of intersection of U. S. Highway No. 611 and T-rd. E. over Delaware River to New York City; about 400 ft N. and on grounds of St. Johns Reformed Church; 85 ft W. of U. S. Highway No. 611; set in concrete base of northernmost cannon monument; standard tablet stamped "TT STA NO 6 K 1929" 179.313

Reference mark; 40 ft S. of tablet; SE. corner of southernmost cannon base; chiseled square 179.27

Kintnersville, 0.4 mi N. of; 200 ft S. of second class crossroad; in SE. end of SW. abutment of small concrete skew bridge; PDH standard disk not stamped 151.082

Kintnersville, 0.1 mi NE. of, along U. S. Highway No. 611 from post office; 60 ft S. of intersection of U. S. Highway No. 611 and State Highway No. 32; 30 ft SE. of centerline of Highway 611; 18.7 ft S. of W. corner of concrete and masonry water pump base; 9 ft S. of 8-in. maple tree; 5 ft NW. of concrete retaining wall; in concrete post level with surface of ground; standard tablet stamped "TT STA NO 5 K 1929" (Tied by NGS, 1942) 156.903

Reference mark; 15 ft NE. of tablet; E. end of concrete headwall; chiseled square 154.77

Upper Black Eddy; 0.2 mi NW. of covered bridge; 40 ft NW. by 20 ft NE. 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" (Reported not found, 1955) 124.510

Reference mark; 50 ft W. of tablet; in E. corner of lower step; chiseled square 125.60

Unlertown; 140 ft N. by 35 ft E. of T-rd. E. over Delaware River to Frenchtown; 55 ft N. of W. wing on W. abutment of covered bridge over Delaware River; in concrete post; standard tablet stamped "TT STA NO 3 K 1929" (Reported not found, 1955) 123.084

Reference mark; 55 ft S. of tablet; in top of masonry wingwall; 3 ft from end; chiseled square 127.35

4
EASTON
Book B 3295

PENNSYLVANIA

M. C. McClellan

1929

LINE 1 (Cont'd.)

Feet

Erwinna, 1 mi W. of; 50 ft N. by 35 ft W. of junction of two small streams; 25 ft S. of rd. forks; 20 ft S. by 15 ft E. of plank bridge over small stream; in concrete post; standard tablet stamped "TT STA NO 2 K 1929" (Reported not found, 1955)

172.004

Reference mark; 80 ft NW. of tablet; in S. corner of lower step; chiseled square

174.64

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

479.754

Bursonville, 1.4 mi S. of; 2 mi W. of Bucksville; 60 ft NE. by 20 ft SE. of crossroad; in concrete post; standard tablet stamped "TT STA NO 13 K 1929" (Reported not found, 1956)

537.817

LINE 2.

M. C. McClellan, 1929; Book B 3295

Easton; in center of W. portico of courthouse; 0.5 ft from wall; standard tablet stamped "M 1 1929"

355.668

Easton, 1.1 mi N. of; in "Nevins Public Park"; 100 ft N. of intersection of Lafayette and Delaware Streets; at NE. corner of aquarium; in top of masonry post; standard tablet stamped "TT STA NO 14 K 1929"

203.168

Reference mark; in NE. corner of SE. masonry post; chiseled square

202.51

Easton, 4.6 mi N. of; 1 mi by rd. W. of river rd.; 0.2 mi W. and N. along rd. from Lehigh and New England RR. crossing; 20 ft E. of T-rd. W.; 20 ft W. of dwelling; on fenceline; in concrete post; standard tablet stamped "TT STA NO 15 K 1929"

394.402

LINE 3.

R. G. Clinite, 1936; Book B 6737

There are no permanent marks on this line in this quadrangle.

LINE 4.

W. H. Clarkson, 1962; Book AV 922

15 10 2.95 Springtown, 3.8 mi SE. of; 30 ft E. of T-rd. SE.; in curb of concrete culvert; standard tablet stamped "127 WHC 1962 562"

561.980

LINE 4 (Cont'd.)Feet

15	14	4.99	"128 WMC 1962 537" (Destroyed, 1974)	536.910
15	17	6.85	Springtown, 7.6 mi S. of; 9.8 mi E. of Coopersburg; 80 ft S. and 50 ft E. of I-rd. N.; in bottom concrete step of private residence; standard tablet stamped "129 WMC 1962 594"	594.327

LINE 5.

W. H. Clarkson, 1962; Book AV 922

14	48	4.41	Easton, 2.0 mi SSW. of; on property owned by Kenneth Brotzman; 92 ft NW. of centerline of NE.-SW. macadam rd.; 79 ft WSW. of NW. corner of barn; in top of square concrete monument; NGS standard triangulation station disk stamped "ROSE 1960"	446.201
14	51	5.79	Glendon; 0.3 mi SW. of switch tower; 0.11 mi SW. of highway bridge over RR.; 12 ft NW. of NW. rail; on property line of Lehigh Valley RR.; in large boulder outcrop; letter "A" in word "MARK" highest point of standard tablet set on steep angle stamped "TT STA NO 9 K 1929"	205.620
14	56	7.92	Easton, 2.2 mi W. of center square; 0.15 mi E. of Five Points; 160 ft W. of L. V. RR.; 50 ft N. of Northampton Street; 30 ft S. of Schaibles Bakery; in concrete base of fire hydrant; standard tablet stamped "TT STA NO 17 K 1929 324"	324.363
14	57	8.08	"C 269 1960" (NGS)	312.001

ENDANGERED BENCH MARK NOTIFICATION

BENCH MARK STAMPING 127 WHC 1962
STATE PA^{NS} QUAD EASTON QUAD NO. 92⁴⁰
NOTIFICATION RECEIVED (DATE) 8 July 1993
AUTHORIZATION AND SUPPLIES FOR RESET (DATE) _____
AGENCY/PERSON DOING RESET:
NAME STEVE CHAMBERS
AGENCY _____
ADDRESS _____
Bucks County, PA
PHONE: () - _____
FTS _____
REMARKS:

NOT GOING TO BE RESET

DESTROYED

REPORT PREPARED BY John S. Walter
DATE 7-23-93

Place original in Quad Folder and a copy (with correspondence) in Suspense File. When reset is accomplished and notes typed in Control List, discard notification form and copy.