

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

OFFICE COPY HOLD

DELAWARE WATER GAP QUADRANGLE
115 PENNSYLVANIA
N4045-7500/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Monroe and Northampton Counties, Pa.;
Warren County, N.J.

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

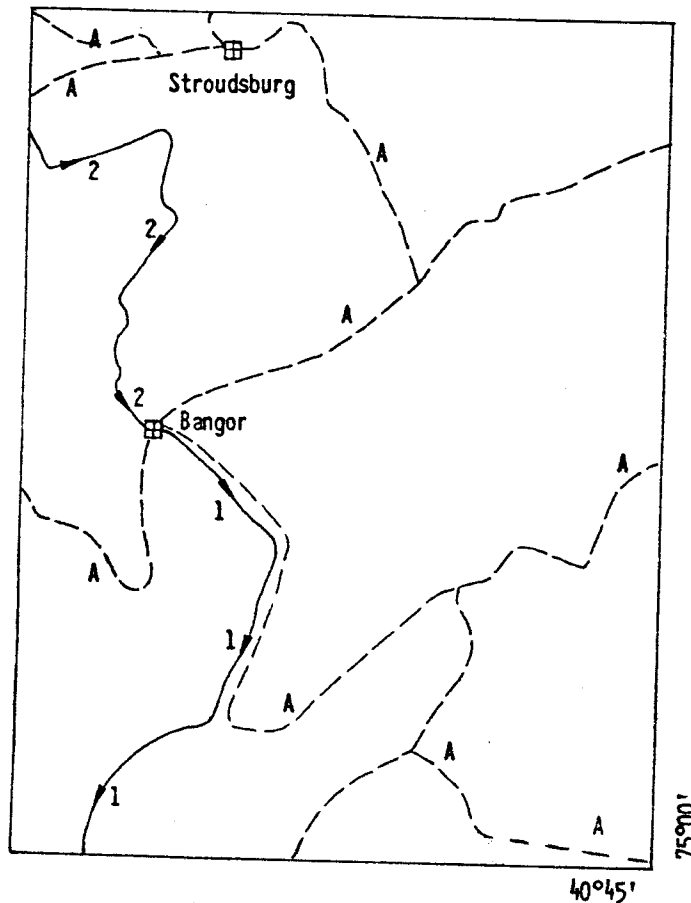
Final adjustment of 1971

Edition of 4/13/72

PR: GJK/jyk

BUSHKILL
(139)

WIND GAP
(116)



HACKETTSTOWN
(45)

EASTON
(92)

NGS (USC&GS) VERTICAL CONTROL DATA

DELAWARE WATER GAP QUADRANGLE

N4045-77500/15
115 PENNSYLVANIA

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>PDH</u>	<u>PAGE NO.</u>
C 71 PA 1921	3	NOT STAMPED (277.671)	3
C 9 1936 553	3		
C 10 1936 279	3		
C 11 1936 241	3		
C 12 1936 433	3		
C 13 1936	4		
C 14 1936 739	4		

1921

ISOLATED BENCH MARKS (By R. G. Clinite, 1921; Book B 1170)

Feet

Stroudsburg; in NW. corner of small park in front of courthouse; in SW. corner of concrete base to mounted cannon; standard tablet stamped "C 71 PA 1921" (Tied by NGS, 1942) 430.255

LINE 1.

R. G. Clinite, 1936; Book B 6737

Richmond, 1.3 mi N. of, along macadam highway; 150 ft S. by 35 ft E. of center of crossroad; in pasture; 3 ft E. of wire fence; in boulder in place; standard tablet stamped "C 9 1936 553" 552.799

U.E., Richmond; on U. S. Highway 611; 90 ft along SW. edge of highway from center of N.-S. macadam hwy. intersection; at porch entrance to Richmond Hotel; at N. end of steps; on concrete buttress at foot of railing pipe; chiseled square 503.47

Richmond, 3.5 mi S. of, along macadam hwy.; 4 mi along concrete highway NE. of Martins Creek; at 130-ft span concrete hwy. bridge over Oughoughton Creek; in E. end of S. concrete balustrade; 3.5 ft above surface of hwy.; standard tablet stamped "C 10 1936 279" 279.474

Reference mark No. 2; 0.12 mi SW. of tablet, along concrete hwy.; at concrete highway culvert; SW. abutment; in top of SE. wingwall; PDH standard disk not stamped 277.671

U.E., Martins Creek, 2.2 mi NE. of; 250 ft E. of forks of dirt rd. S.; on S. side of concrete hwy.; at SW. corner of concrete culvert at station 5/10; on top of wingwall; chiseled square 280.69

U.E., Martins Creek, 1.2 mi E. of, along Highway 611; about 400 ft SE. of Mt. Zion Lutheran Reformed Church; at E. corner of triangle formed by junction of Highway 611 and concrete hwy. NE. to Belvidere, N.J.; on concrete headwall; chiseled square 414.07

Martins Creek; 0.15 mi NE. of intersection of highways; 160 ft N. of Highway 611; 40 ft W. of street intersection; at S. abutment of 140-ft span steel truss bridge; on W. side of concrete backwall; at sidewalk level; at offset between coping and retaining wall; standard tablet stamped "C 11 1936 241" (Reported not found, 1956) 240.654

Reference mark; 0.12 mi by 150 ft S. of tablet; in SE. angle of intersection, where Highway 611 turns from N.-S. to E.-W.; 28 ft E. of centerline and 38 ft S. of centerline; NW. corner of bottom concrete step; at entrance to house; level with hwy.; chiseled square 275.41

LINE 2.

R. G. Clinite, 1936; Book B 6737

U.E., Stormville; in E. angle of rd. forks; 30 ft SW. of entrance to store of Allen Kemmerer; on S. end of seventh step from top of concrete steps, leading from store to highway; chiseled square 454.54

Stormville, 1 mi NE. of, along macadam hwy.; 23 ft SE. of centerline of hwy.; in orchard 250 ft E. of white farmhouse; in N. end of limestone ledge; 3.5 ft below paved surface of hwy.; standard tablet stamped "C 12 1936 433" 432.620

LINE 2 (Cont'd.)

1936

Feet

Reference mark; 35 ft N. by 35 ft E. of tablet; on NW. side of hwy.; in lower shelf of rock ledge; 2.5 ft above paved surface of hwy.; chiseled square	438.47
U.E., Stormville, 2.2 mi NE. of, along macadam rd.; on NW. side of rd. in line with center of dirt rd. SE.; on E. corner of concrete sidewalk at entrance to dwelling; chiseled square	393.16
U.E., Fox Gap, 1.6 mi N. of; 200 ft NW. of forks of rd. NE.; 80 ft NE. of forks of rd. SW.; in barn lot; 20 ft E. of brook; 35 ft N. of bridge; 3 ft below floor of bridge; on top of embedded boulder; chiseled square	750.20
Fox Gap; on summit of ridge about 400 ft N. of point where high tension transmission line crosses macadam highway; at highest tower; in ledge under center of tower; about 10 in. below surface of ground; standard tablet stamped "C 13 1936"	1424.614
U.E., N. Bangor, 1.2 mi N. of; 1.4 mi SW. of Fox Gap; 27 ft NW. of center of hwy.; in hollow; 10 ft N. of drain; on boulder; highest point in chiseled circle	987.90
N. Bangor, 110 ft SW. by 28 ft SE. of center of hwy. intersection; on N. property line of public school grounds; in top of sandstone boulder; standard tablet stamped "C 14 1936 739"	738.489