

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

PUBLICATION COPY

QUAKERTOWN QUADRANGLE  
70 PENNSYLVANIA  
N4015-W7515/15  
DIAGRAM NK 18-11  
NEWARK

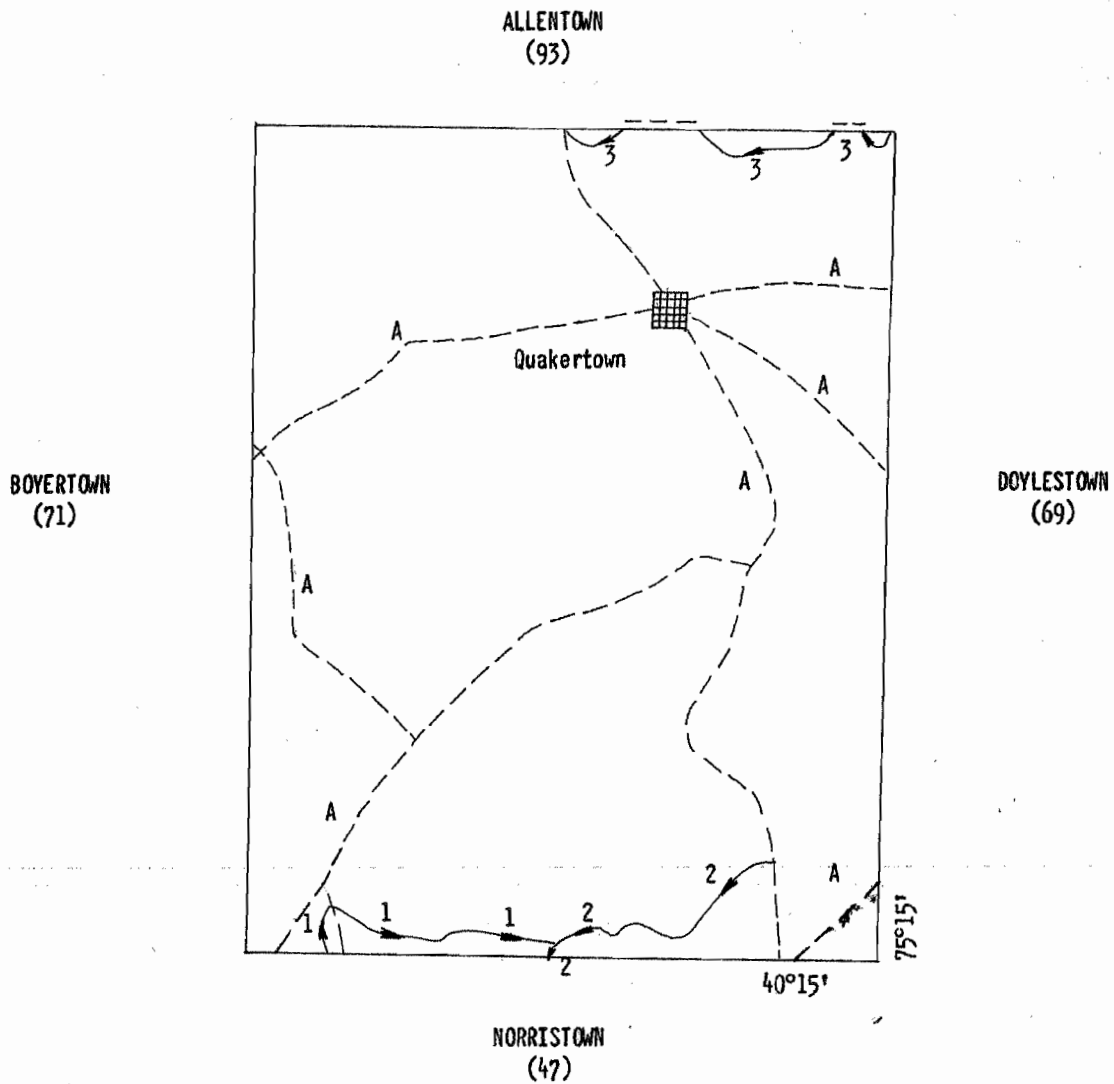
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Bucks, Lehigh and Montgomery Counties

Final adjustment of 1971

Edition of 4/7/72

PR: GWK/jyk



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400752

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1947

<u>LINE 1.</u>	<u>Feet</u>
W. S. Monk, 1947 Book AV 22	
Schwenksville; 70 ft N. of NW. corner of Schwenksville Railroad Station; 80 ft W. of W. rail of main track of RR.; 30 ft E. of State Highway 29; at SW. corner of hedgerow; in concrete post; standard tablet stamped "17 WSM 1947 148"	148.269
U.E., Schwenksville; at intersection of State Highways 29 and 73; at concrete bridge No. 278 over Perkiomen Creek; on SW. corner of parapet; chiseled square	153.50
U.E., Schwenksville, 1.4 mi E. of; 2.4 mi W. of Lederach; at stone bridge No. 214 over creek; on NE. corner of stone parapet; chiseled square	150.28
Lederach, 1.8 mi W. of; in line with County Road 46026 W. to Schwenksville; 130 ft N. of mailbox of J. W. Swales; 20 ft E. of macadam rd. to Lederach; 0.4 mi NE. of NE. branch of Perkiomen Creek; in concrete post; standard tablet stamped "18 WSM 1947 236"	236.050
U.E., Lederach, 1.4 mi W. of; at steel girder bridge No. 164 over Perkiomen Creek; at NE. corner of parapet; 15 ft N. of bridge corner stone; on parapet; chiseled square	171.06
U.E., Lederach, 0.9 mi W. of; 0.5 mi S. of Perkiomen Creek; 20 ft S. of rd.; 80 ft SE. of SE. corner of red brick house; on E. end of concrete headwall of culvert; chiseled square	334.37
Lederach; 20 ft E. of State Highway 113; 100 ft S. of SE. corner of post office; 20 ft S. of macadam rd. E.; in concrete post; standard tablet stamped "19 WSM 1947 369"	367.695
Reference mark; 45 ft W. of tablet; on N. end of concrete foundation of gasoline pumps; chiseled square	367.69
U.E., Lederach, 1.0 mi E. of; at intersection of macadam rd. E. and gravel rd. W.; 15 ft N. of macadam rd.; 50 ft N. of NW. corner of two-story house; in S. face of power pole; rail spike	287.24
Reference mark No. 1; SSE. of station; 40 ft E. of SE. corner of house; 20 ft E. of center of driveway; flush with ground; NGS standard reference mark disk stamped "MAINLAND NO 1 1942"	299.976

LINE 2.

W. S. Monk, 1947; Book AV 22 "RV 18" (NGS)	332.253
U.E., Lansdale, 1.0 mi NW. of; at Plain Mennonite Church; 15 ft E. of State Highway 63; 20 ft S. of County Road 46067; on N. end of L-shaped concrete headwall of culvert; chiseled square	333.81
Lansdale, 2.0 mi N. of; at intersection of State Highways 63 and 463; 25 ft S. of State Highway 463; 20 ft W. of State Highway 63; at NE. corner of park; in concrete post; standard tablet stamped "1 WSM 1947 333"	333.071
Reference mark; 4 ft N. of tablet; on SW. corner of concrete block; chiseled square	333.00

1947

LINE 2 (Cont'd.)Feet

U.E., Lansdale, 2.0 mi N. of, thence 0.4 mi W.; at intersection of State Highway 63 and County Road 46043; 20 ft N. of State Highway 63; 15 ft W. of County Road 46043; on S. end of rock culvert; chiseled square	312.15
U.E., Kulpsville, 0.5 mi N. of; at intersection of State Highway 63 and Detwaller Road; 15 ft N. of State Highway 63; 15 ft E. of County Road; 50 ft SE. of SE. corner of two-story concrete house; in S. face of power pole; rail spike	328.17
Mainland, 0.7 mi N. of; at concrete bridge over creek; 400 ft N. of T-rd. E.; in parapet at SE. end of bridge; standard tablet stamped "2 WSM 1947 208"	208.645
Reference mark; 60 ft NW. of tablet; in NW. parapet of bridge; chiseled square	208.07
U.E., Mainland; at stone and concrete bridge over stream; on State Highway 63; at T-rd. S.; at NW. corner of bridge; on parapet; chiseled square	201.87
U.E., Mainland, 0.6 mi W. of; 230 ft W. of Morris Road S.; 15 ft N. of State Highway 63; on E. end of concrete headwall of culvert; chiseled square	253.75
"MAINLAND NO 1 1942" (NGS) (Described in line 1)	299.976
Mainland, about 1.25 mi W. of; 2.0 mi SE. of Harleysville; 1.5 mi E. by S. of Lederachsville; on property owned and occupied by Ellis L. Mack; 100 ft SE. of SE. corner of Mack residence; 39 ft SE. of SE. corner of garage; in center of chicken pen; flush with ground; NGS standard triangulation station disk stamped "MAINLAND 1942"	304.014

LINE 3.

W. H. Clarkson, 1962; Book AV 922

15 20 8.76	Coopersburg, 7.9 mi E. of; 60 ft W. of, and 8 ft higher than T-rd. SW.; in concrete base of waterpump; standard tablet stamped "130 WHC 1962 586"	586.091
15 23 10.15	Coopersburg, 6.6 mi E. of; 40 ft E. of, and 3 ft lower than junction of State Highway 212 and Y-rd. SE.; 260 ft NE. of public picnic table; 1 ft above ground; in large boulder; standard tablet stamped "131 WHC 1962 543"	542.872
15 27 12.01	Coopersburg, 4.6 mi E. of; 70 ft N. of, and 2 ft higher than T-rd. E.; in second concrete step of private residence; standard tablet stamped "132 WHC 1962 650"	649.435
15 30 13.74	Coopersburg, 2.9 mi E. of; 30 ft S. and 35 ft E. of, and 3 ft higher than T-rd. S.; in large boulder; standard tablet stamped "133 WHC 1962 591"	590.990
15 34 15.19	"RV 45" (NGS)	588.211