

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

PUBLICATION COPY

BOYERTOWN QUADRANGLE  
71 PENNSYLVANIA  
N4015-W7530/15  
DIAGRAM NK 18-11  
NEWARK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

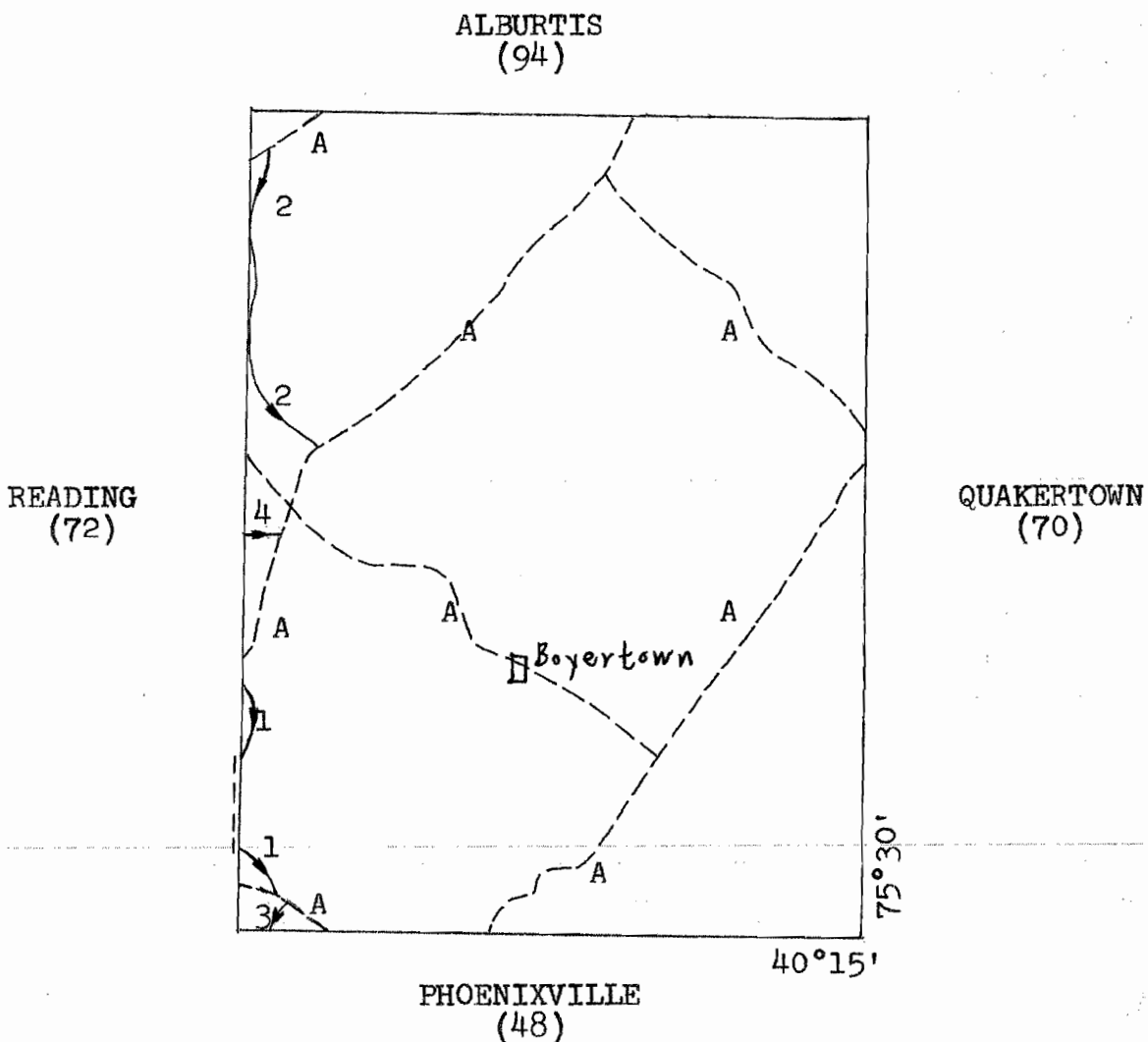
Berks, Lehigh and Montgomery  
Counties

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

Final adjustment of 1971

Edition of 5/12/72

PR: GWK/jyk



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400753

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>PENNSYLVANIA DEPT. OF HIGHWAYS</u>	<u>PAGE NO.</u>
31 EOM 1946 751	3	427	3
32 EOM 1946 889	3	495	3
33 EOM 1946 412	3	R 172 1942	4
34 EOM 1946 381	3		
		<u>NGS</u>	
		RV 26	3

1946

<u>LINE 1.</u>	<u>Feet</u>
E. O. Miner, 1946; Book V 278	
Weavertown; at highest point on macadam rd.; 50 ft S. of junction with graveled rd. N.; 20 ft S. of center of macadam rd.; on top of 2- by 3-ft boulder; chiseled square	374.91
[Jogs into Reading quadrangle]	
Chiseled circle designated "159.1" (NGS)	159.061
<u>LINE 2.</u>	
E. O. Miner, 1946; Book V 278	
"RV 26" (NGS)	452.105
U.E., Bowers, 0.7 mi SW. of, along macadam rd.; 1.1 mi NE. of Dryville; 150 ft E. of large brick farmhouse; on top of W. headwall of masonry culvert; chiseled square	505.53
Dryville; at S. end of village; 1.1 mi N. of New Jerusalem; 35 ft NW. of Y-junction of Pricetown macadam rd.; in concrete post; standard tablet stamped "31 EOM 1946 751"	750.912
Reference mark; 220 ft N. of tablet; at concrete bridge; on top of NW. abutment; chiseled square	743.63
[Jogs into Reading quadrangle]	
U.E., New Jerusalem; 95 ft SW. of brick memorial honor roll; 75 ft N. of five-way rd. junction; at concrete culvert; on W. headwall; chiseled square	896.04
New Jerusalem, 0.7 mi S. of, along macadam rd. to Lobachsville; 55 ft S. of Y-junction with unimproved rd.; 29 ft E. of center of macadam rd.; in concrete post; standard tablet stamped "32 EOM 1946 889"	889.221
Reference mark; 180 ft W. of tablet; on top of 3- by 3- by 9-ft boulder; chiseled square	878.19
U.E., New Jerusalem, 1.3 mi S. of; 70 ft N. of T-rd. SW.; 27 ft E. of center of macadam rd.; on top of 5- by 6-ft boulder; chiseled square	764.43
New Jerusalem, 2.3 mi S. of, along macadam rd.; in NE. abutment of wooden-floored masonry bridge; Pennsylvania Department of Highways standard disk stamped "495"	495.010
New Jerusalem, 2.6 mi S. of, along macadam rd.; in SW. abutment of concrete bridge; PDH standard disk stamped "427"	426.821
New Jerusalem, 2.7 mi S. of, along macadam rd.; 0.5 mi NW. of Lobachsville; 40 ft NE. of crossroads; 3 ft NE. of pole; in concrete post; standard tablet stamped "33 EOM 1946 412"	412.262
U.E., Manatawny, 2.3 mi NW. of, along macadam rd.; at Y-junction with gravel rd. NE.; on top of W. headwall of masonry culvert; chiseled square	391.06
Manatawny, 1.5 mi NW. of, along State Highway 73; 60 ft SW. of macadam cross road; in concrete post; standard tablet stamped "34 EOM 1946 381"	381.157

LINE 2 (Cont'd.)Feet

Manatawny, 0.6 mi NW. of post office, along State Highway 73; 14 ft W. of center of hwy.;  
at steel bridge over Manatawny Creek; in top of NW. wingwall; PDH standard disk  
(Tied by NGS and stamped "R 172 1942")

327.516

LINE 3.

E. O. Miner, 1954; Book AV 400

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

LINE 4.

E. O. Miner, 1946; Book V 278

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