

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

ALLENTON QUADRANGLE  
93 PENNSYLVANIA  
N4030-7515/15  
DIAGRAM NK 18-11  
NEWARK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Bucks, Lehigh and Northampton Counties

Final adjustment of 1971

Edition of 3/23/72

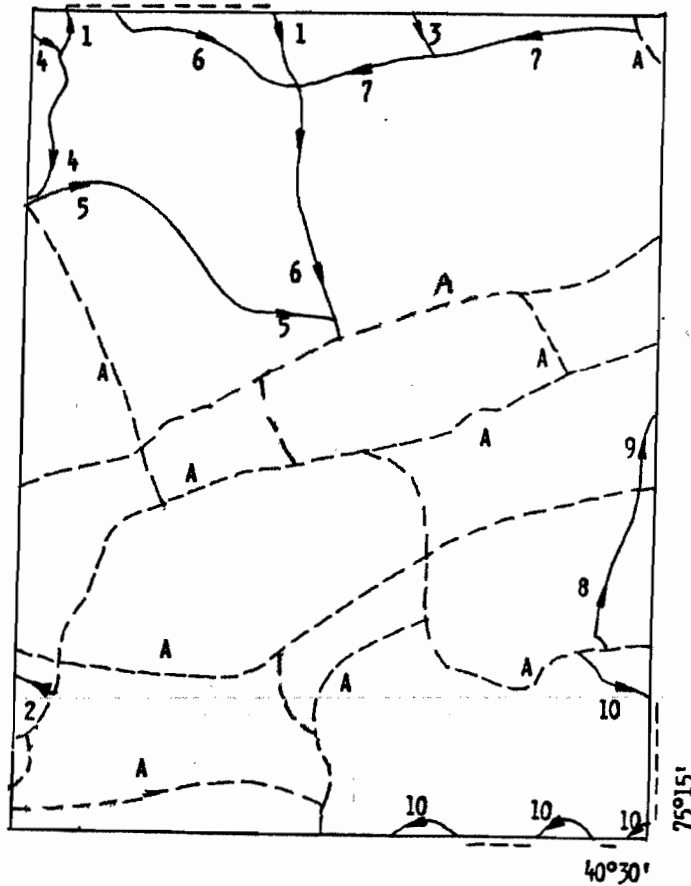
PR: G:M/jyk

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

WIND GAP  
(116)

ALBURTIS  
(94)

EASTON  
(92 PA.-40 N.J.)



QUAKERTOWN  
(70)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400751

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Books A 9519, B 3295 and B 4861

ISOLATED BENCH MARKS (By C. E. Mills, 1914; Book A 9519; McClellan, 1929; Book B 3295; M. A. Roudabush, 1933; Book B 4861)	<u>Feet</u>
Walters Station, 0.4 mi N. of, along Easton and Northern Railroad; at bridge over Bushkill Creek; on W. side of track; in S. bridge seat; standard tablet stamped "261" (Reported disturbed, 1924) (Tied by Nas, 1934)	260.944
Tatamy, 1.0 mi S. of; 0.2 mi W. of Lehigh Valley Railroad crossing; 0.3 mi E. of crossroads; 130 ft E. of private T-rd. S.; 15 ft S. of concrete fencepost; in flat embedded boulder; standard tablet stamped "TT STA NO 16 K 1929"	378.563
Springtown, 2.0 mi E. of; 3.0 mi NW. of Bursonville; 4.0 mi W. of Riegelsville; 0.2 mi S. of grade crossing on single RR. track; 80 ft SW. of T-rd. NW.; 20 ft SE. of rd.; in yard of vacant dwelling; 40 ft W. of house; 5 ft inside fence line; in concrete post; standard tablet stamped "TT STA NO 12 K 1929" (Reported not found, 1957)	279.424
Raubsville, 5.0 mi W. of; 8.0 mi SE. of Bethlehem; 4.0 mi N. of Springtown; 0.5 mi NE. of township line; 50 ft NE. and 20 ft NW. of crossroads; 10 ft N. of fence corner; 2 ft inside fence line; in concrete post; standard tablet stamped "TT STA NO 11 K 1929"	558.588
Gravers School, 0.3 mi E. of; 0.5 mi NW. of Chapman Quarries; 15 ft S. and 35 ft W. of crossroads; in top of wingwall of concrete culvert; standard tablet stamped "9 MR 1933 744"	743.824
Chapman Quarries; near SW. end of dumps; in top of NE. wingwall of concrete culvert; PDH standard disk stamped "PDH ELEV 581"	581.182
Allentown; at Hamilton Street bridge over Cedar Creek; in top of NW. wingwall; PDH standard disk stamped "275"	275.001
Allentown; at Muhlenburg College; at W. entrance door of Administration Building; in SE. corner of concrete block; standard tablet stamped "1 MR 1933 392"	391.762
Seiple, 1.2 mi NE. of; 0.13 mi N. of Mickleys Corner, along State Highway 329; at crossing of Philadelphia & Reading Railway; in W. end of N. bridge seat; standard tablet stamped "2 MR 1933 371" (Reported destroyed, 1957)	371.022

LINE 1.

M. A. Roudabush, 1933; Book B 484

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

LINE 2.

M. A. Roudabush, 1933; Book B 4861

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

1957

LINE 3.Feet

C. H. Ackerson, 1957; Book AV 528

2	69	5.42	Daniels Slate Quarry; 250 ft W. and 30 ft S. of crossroads; in NE. corner of foundation of wagon shed; standard tablet stamped "12 RR 1933 477"	476.913
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LINE 4.

W. H. Clarkson, 1962; Book AV 922

13	17	6.29	U.E., 25 ft S. and 28 ft E. of, and 2 ft higher than crossroads; on NE. corner of headwall of stone culvert; chiseled square	488.32
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13	19	7.37	Zion Stone Church; 20 ft S. and 35 ft E. of crossroads; 19 ft W. and 1 ft W. of NW. corner of church; in top of concrete curbing; standard tablet stamped "6 RR 1933 624"	624.003
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13	23	9.11	Pennsville, 2.8 mi S. of; 2.0 mi N. of Northampton; 15 ft E. of centerline of rd.; in SE. abutment of bridge; PDH standard disk stamped "116 WHC 1962 USGS"	353.994
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LINE 5.

W. H. Clarkson, 1962; Book AV 922

13	29	0.56	Northampton; 22 ft S. and 30 ft E. of, and 2 ft higher than intersection of Washington Avenue and Dimler Alley; at U. S. Post Office; in concrete base of flagpole; standard tablet stamped "117 WHC 1962 342"	342.337
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13	33	2.61	Northampton, 2.6 mi E. of; 13 ft N. of centerline of State Highway 329; in NE. wingwall of concrete bridge; PDH standard disk stamped "188 WHC 1962 USGS"	418.396
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13	35	3.69	Northampton, 3.7 mi E. of; at Weaversville; 16 ft NE. of centerline of hwy.; in N. wingwall of concrete bridge; PDH standard disk stamped "119 WHC 1962 USGS"	368.508
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13	39	5.72	Northampton, 5.7 mi E. of; 20 ft N. and 20 ft W. of junction of State Highway 987 and Y-rd. SW.; 65 ft NW. of RR. overpass; in headwall of concrete culvert; standard tablet stamped "120 WHC 1962 389" (Reported destroyed, 1964)	388.725
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13	42	7.23	<del>Northampton, 7.2 mi E. of; 0.8 mi W. of Menoville; 23 ft N. of intersection of State Highway 512 and crossroads; in headwall of concrete culvert; standard tablet stamped "121 WHC 1962 392" DESTROYED 7/23/90</del>	<del>392.151</del>
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13	46	9.03	Fullerton; about 6.1 mi ENE. of Fullerton Interchange, along U. S. Highway 22; 22 ft S. of centerline of eastbound lane of hwy.; about 0.5 ft lower than bridge surface; in top of S. end of W. concrete abutment of 50-ft long concrete bridge over asphalt rd.; PDH standard disk stamped "S 267" (Tied by NGS)	336.869
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ALLENTOWN  
Book AV 922

PENNSYLVANIA

W. H. Clarkson

1962

LINE 6.Feet

W. H. Clarkson, 1962; Book AV 922

13	52	1.94	Beersville; in top of NE. wingwall of State Highway Bridge over Hodendaugua (E. branch) Creek; Pennsylvania Department of Highways standard disk stamped "522"	521.710
13	57	4.29	Pennsville, 4.3 mi E. of; 2.3 mi NW. of Bath; 14 ft NE. of centerline of State Highway 45; in headwall of concrete culvert; standard tablet stamped "122 WHC 1962 689"	688.513
13	61	6.61	Bath; 25 ft E. of centerline of Chestnut Street; 110 ft S. of centerline of Northampton Street; at N. end of bottom step of main entrance to Reformed Church; in concrete walk; standard tablet stamped "11 MR 1933 432"	432.136
13	66	8.90	Bath, 1.5 mi S. of; 1.2 mi N. of Hanoverville; 17 ft N. and 30 ft E. of, and 3 ft higher than centerline of rd. at drive E.; in top of concrete step at private residence; standard tablet stamped "123 WHC 1962 384"	384.080

LINE 7.

W. H. Clarkson, 1962; Book AV 922

14	6	0.00	"V 11 1932" (NGS)	327.555
14	9	1.79	Tatamy, 1.8 mi W. of; 1.0 mi E. of Nazareth; 12 ft S. of centerline of rd.; in SW. abutment of concrete bridge; PDH standard disk stamped "124 WHC 1962 USGS"	356.123
14	11	2.85	Nazareth; at E. Walnut Street underpass of Delaware, Lackawanna & Western Railroad; in W. end of S. bridge seat; standard tablet stamped "13 MR 1933 430"	429.327
14	16	5.47	"12 MR 1933 477" (Described in line 3)	476.913
14	19	7.39	U.E., Bath, 1.0 mi E. of; 18 ft S. and 12 ft W. of T-rd. N.; on E. end of S. wheelguard of concrete hwy. bridge over E. branch of Monocacy Creek; chiseled square	426.95
14	22	8.80	"11 MR 1933 432" (Described in line 6)	432.136

LINE 8.

W. H. Clarkson, 1962; Book AV 922

14	25	0.00	"E 185 1942" (NGS)	308.070
14	25	0.33	U.E., 17 ft S. and 25 ft W. of centerline of Y-rd. SE.; on W. end of headwall of concrete culvert; chiseled square	308.99

1962

LINE 8 (Cont'd.)Feet

14	26	0.66	"D 185 1942" (NGS)	297.513
14	33	3.49	Springtown, 2.5 mi N. of; 34 ft S. and 22 ft E. of, and 1 ft higher than T-rd. W.; in flat boulder; standard tablet stamped "125 WHC 1962 695"	694.812
14	36	4.87	U.E., 35 ft S. and 40 ft E. of, and 5 ft higher than T-rd. NE.; on retaining wall of concrete culvert; chiseled square (Reported not found, 1962)	453.56
14	37	5.13	"S 268 1960" (NGS)	408.592

LINE 9.

W. H. Clarkson, 1962; Book AV 922

14	43	2.20	Island Park, 2.5 mi S. of; on Hexenkoph Hill; 1.0 mi S. of crossroads; at bend on S. side of Easton-Springtown Road; 0.6 mi NE. of junction of Reddington-Springtown Road; 40 ft W. and 40 ft S. of private rd. fork E.; in large flat boulder; standard tablet stamped "TT STA NO 10 K 1929" (Reported not found, 1962)	740.043
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LINE 10.

W. H. Clarkson, 1962; Book AV 922

15	6	0.00	"D 185 1942" (NGS) (Also in line 8)	297.513
15	7	1.28	Springtown, 2.1 mi SE. of; 24 ft S. and 55 ft W. of, and 1 ft lower than T-rd. NE.; 16 ft S. of centerline of State Highway 412; in W. end of headwall of concrete culvert; standard tablet stamped "126 WHC 1962 470"	470.013

ENDANGERED BENCH MARK NOTIFICATION

BENCH MARK STAMPING 121 WHC 1962 392 FT

STATE PA QUAD ALLEN TOWN QUAD NO. 93

NOTIFICATION RECEIVED (Date) 7-23-90

AUTHORIZATION AND SUPPLIES SENT FOR RESET (Date) \_\_\_\_\_

AGENCY/PERSON DOING RESET:

NAME \_\_\_\_\_

AGENCY \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE: (  )- \_\_\_\_\_

ETS \_\_\_\_\_

REMARKS: Reported by Richard Cohen  
Regional Geodetic Coord.  
Boulder, Colorado

BM sent to Him (NGS)

REPORT PREPARED BY John S. Walter

DATE 7/23/90

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