

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

LEHIGHTON QUADRANGLE
117 PENNSYLVANIA
N4045-W7530/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Carbon, Monroe and Northampton
Counties

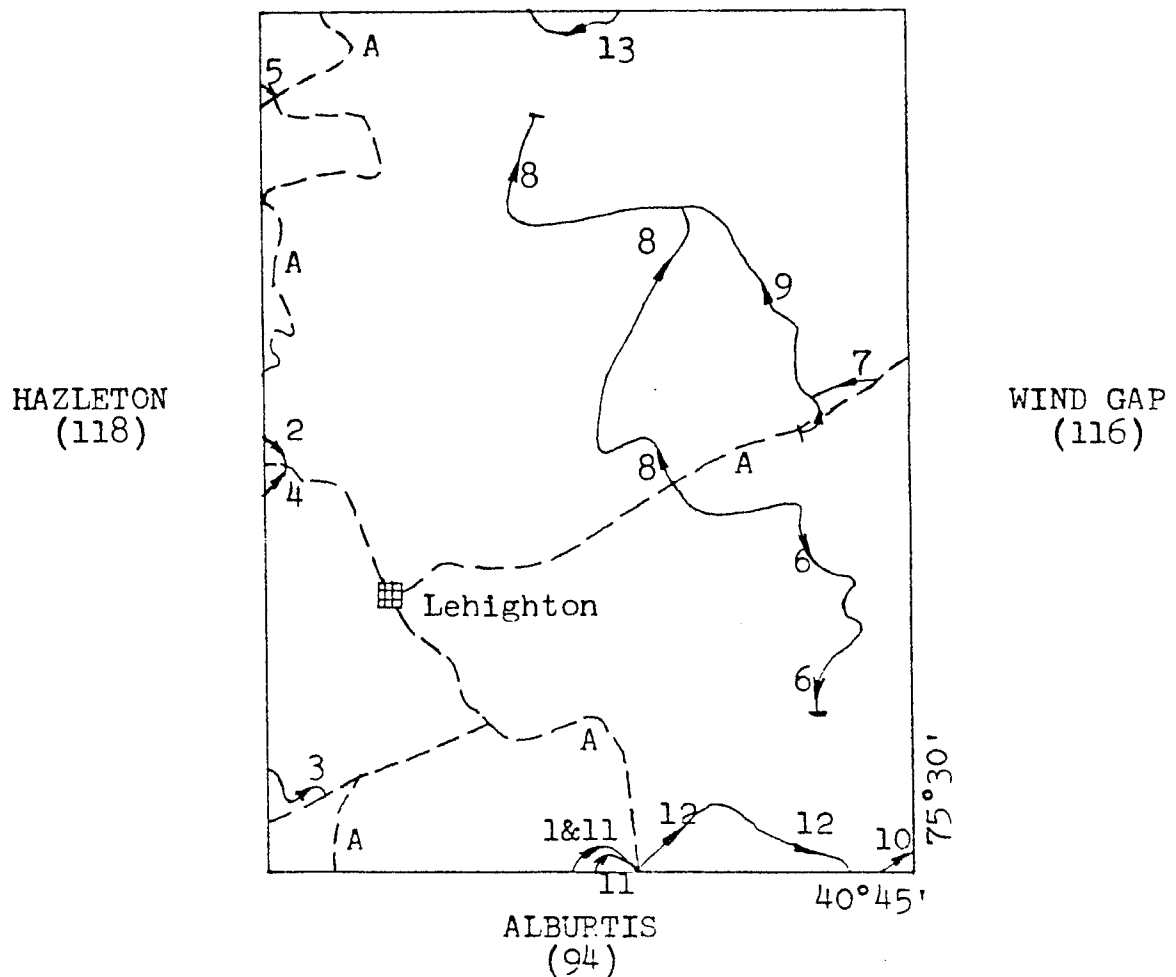
Only the permanent marks
are listed for lines
run more than 25 years
before edition date

Final adjustment of 1971

Edition of 5/15/72

PR: GWK/jyk

STODDARTSVILLE
(141)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400754

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ISOLATED BENCH MARKS (By R. G. Clinite, 1908, 1921-22; Bulletin 515, Book B 1170, H. M. Gillman, Jr., 1908; Bulletin 515)	<u>Feet</u>
Best; 0.1 mi NE. of station; at W. abutment of small RR. bridge; in N. end of bridge seat; standard tablet stamped "1900 HARRISBURG 548" (Reported not found, 1936)	548.368
East Mauch Chunk, 3.6 mi NE. of; on W. side of rd.; at barn on farm owned by L. & L. Behrens; in W. end of stone wall; standard tablet stamped "C 8 PA 1922"	1601.590
Rockdale; 250 ft N. of station; at SE. corner of water tank of L. V. RR.; in foundation stone under pillar; standard tablet stamped "1900 HARRISBURG 354"	353.825
Jonas; in NE. angle of crossroad; at SW. corner of Snyder's Hotel; in concrete platform; standard tablet stamped "C 73 PA 1921"	1163.447
Kresgeville; 100 ft E. of rd. forks; on N. side of hwy.; at NW. corner of steel bridge; in top of wingwall; standard tablet stamped "C 5 PA 1922" (Reported not found, 1957)	697.912
Lizard Creek Junction, 1.9 mi E. of; 50 ft S. of eastbound track; in top of W. wall to reservoir on hill; standard tablet stamped "430 1908"	429.386
Leslie Run; 140 ft SW. of; 7 ft higher than rail of spur siding; in rock outcrop; standard tablet not stamped	1003.627
Meckesville; 200 ft SE. of crossroad; on NE. side of rd.; at entrance to barn (barn torn down entrance fill still remains); in W. end of N. retaining wall; standard tablet stamped "C 74 PA 1921"	1653.780
Beltzville; 160 ft E. of crossroad; on N. side of hwy.; at E. end of concrete retaining wall; in front of residence of D. Beltz; standard tablet stamped "C 2 PA 1922" (Reported not found, 1957)	766.700
Mecksville, 1.4 mi SW. of, thence 2.6 mi W.; 2.2 mi NE. of Christman; on SE. side of rd.; 107 ft SW. of old logging rd.; 16 ft SW. of centerline of rd.; in top of flat rock; standard tablet stamped "C 6 PA 1922"	1768.834

1936

LINE 1.Feet

R. G. Clinite, 1936; Book B 6737

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

LINE 2.

E. W. Smith, 1942; Book B 9606

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

LINE 3.

E. W. Smith, 1942; Book B 9606

Ashfield, 2.0 mi SW. of, thence 1.7 mi N.; Germans, 1.5
mi N. of; on NE. side of Lehighton-Bergers Road; 170 ft
SE. of intersection with Lehighton-Andres Road; 12 ft
SE. of highway centerline; on SE. abutment of small
bridge; Pennsylvania Department of Highways standard
disk not stamped

627.943

Reference mark; 24 ft W. of tablet; 12 ft W. of highway
centerline; on NW. abutment of bridge; chiseled square

630.22

U.E., Germans, 1.2 mi N. of; on E. side of Lehighton-Bergers
Road; 115 ft N. of NW. corner of mill; 25 ft E. of
hwy. centerline; on SW. corner of abandoned foundation
wall; chiseled square

591.33

"L 192 1942" (NGS) (Reported destroyed, 1957)

541.459

Germans; 1.3 mi NE. of station, along Lehigh Valley
Railroad; set in top step of E. abutment of bridge
No. PO-118; 8.8 ft N. of N. rail of track; 2.1 ft
below track level; standard tablet stamped
"528 1908" (Tied by NGS, 1942)

527.709

LINE 4.

E. W. Smith, 1942; B 9606

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

1942

LINE 5.Feet

E. W. Smith, 1942; Book B 9605-06

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

LINE 6.

C. H. Ackerson, 1957; Book AV 528

1	44	0.00	Weissport, 6.5 mi NE. of, along U. S. Highway 209 from NE. end of large U. S. Highway 209 bridge over Lehigh RR.; Lehigh River and Central of New Jersey Railroad at Weissport; at Forest Inn; on top of concrete sidewalk around Inn; 1.1 ft S. of S. corner of Inn; 3 ft higher than hwy.; standard tablet stamped "C 3 PA 1922" (Tied by NGS, 1935)	1005.851
1	48	3.06	Forest Inn, 0.5 mi S. of, thence 2.5 mi E.; Jonesville, 0.5 mi W. of; at old Eckhardt School; 8 ft W. and 116 ft SW. of T-rd. SW.; 6 ft above water; about level with rd.; in NW. guardrail of small concrete bridge; standard tablet stamped "6 CA 1957 683"	682.351
1	51	5.51	Little Gap; 150 ft SW. and 17 ft SE. of main intersection; about level with intersection; about 7 ft above water; on SE. corner of S. wingwall of concrete bridge; standard tablet stamped "7 CA 1957 466"	466.207
1	52	6.31	Little Gap, 0.8 mi SE. of, along rd. to Danielsville; NE. corner of E. wingwall of bridge over Aquashicola Creek; PDH standard disk stamped "8 CA 1957 USGS"	451.642
1	56	8.10	U.E., near crest of Blue Mountain; at Carbon Northampton County line and Appalachian Trail crossing; on W. headwall of concrete and stone culvert; about level with T-trail W.; chiseled square	1111.06
1	59	10.06	U.E., iron bolt (L. & N.E. RR. EM)	677.040

1957

LINE 7.Feet

C. H. Ackerson, 1957; Book AV 528

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

LINE 8.

C. H. Ackerson, 1957; Book AV 528

1	2	0.00	"C 3 PA 1922" (Described in line 6) (Tied by NGS, 1935)	1005.851
1	5	1.52	U.E., at covered bridge over Pohopo Creek; on W. end of NE. wingwall; at E. end of bridge; chiseled square	545.17
1	6	2.04	Reference mark; on N. guardrail of bridge; 30 ft W. of tablet; chiseled square	543.90
1	6	2.04	Harrity, 3.1 mi NE. of; at bridge over Pine Run; 255 ft NE. of, and about 1 ft lower than Pine Run Road; at T-rd. N.; about 4 ft above rd., and about 15 ft above water; in top of E. end of S. concrete guardrail; standard tablet stamped "1 CA 1957 544"	544.292
1	12	6.74	Reference mark; 25 ft SE. of tablet; in root of 12-in. oak tree; copper nail and washer	1083.48
1	12	6.74	Harrity, 3.1 mi NE. of, thence 4.6 mi N.; at Oak Creek Hunting Club: in center of rock and concrete door step; standard tablet stamped "2 CA 1957 1085"	1085.107
1	17	8.76	U.E., 15 ft SE. and 20 ft SW. of, and level with crossroad; on concrete headwall; chiseled square	1027.67
1	18	9.29	Company Farm (on State Highway 903), 4.1 mi E. of; Buckeye Pumping Station, 2.8 mi E. of; at new hwy. bridge over Wild Creek; on W. end of S. wingwall; PDH standard disk stamped "3 CA 1957 USGS"	1020.435

LINE 8 (Cont'd.)

1957

Feet

1	23	12.42	Company Farm (junction State Highway 903), 1.0 mi E. of; 0.3 mi W. of Buckeye Pumping Station; in E. end of S. guardrail; standard tablet stamped "4 CA 1957 1586"	1585.894
1	26	14.59	Christmans, 1.4 mi SW. of: on NW. side of rd.; at Christ Lutheran Church; on E. side of entrance; in concrete floor of porch; standard tablet stamped "C 7 PA 1922" (Reported destroyed, 1971)	1576.628
<u>LINE 9.</u>				
C. H. Ackerson, 1957; Book AV 528				
1	28	0.00	Carbon; in NW. angle of rd. forks; at SE. corner of Trachs Hotel; in bottom concrete step at E. end of porch; standard tablet stamped "C 4 PA 1922" (Reported disturbed, 1960) <i>DESTROYED 1/1992</i>	947.651
1	28	0.47	U.E., 35 ft N. and 15 ft W. of, and 1 ft higher than T-rd. E.; in W. side of 10-in. oak tree; copper nail and washer	802.83
1	29	0.80	U.E., at center of E. guardrail base on bridge over Pohopoco Creek; about 18 ft above water; level with rd.; chiseled square	648.41
1	35	3.87	Trauchsville, 3.9 mi NW. of; about .25 mi S. of Penn Forest Dam; at SE. corner of bridge over Wild Creek; about level with rd. and 12 ft above the water; PDH standard disk stamped "5 CA 1957 USGS"	866.851
1	38	5.18	U.E., chiseled square (Described in line 8)	1027.67

LINE 10.

H. W. Clarkson, 1962; Book AV 922

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

1962

LINE 11.Feet

H. W. Clarkson, 1962; Book AV 922

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

LINE 12.

H. W. Clarkson, 1962; Book AV 922

13	6	0.00	"S 46 1934" (NGS)	364.140
13	6	0.22	Walnutport; at two span hwy. bridge over Lehigh River; at E. abutment; 5 ft lower than floor of bridge; in S. end of concrete bridge seat; copper bolt (Central of New Jersey Railroad BM 10471)	368.551
13	9	1.97	Slatington, 2.0 mi E. of; 12 ft N. and 28 ft E. of T-rd. S.; in W. end of N. wheelguard of concrete bridge; standard tablet stamped "113 WHC 1962 467"	466.555
13	13	4.02	Slatington, 4.0 mi E. of; 2.1 mi W. of Pennsville; 15 ft S. of centerline of State Highway 45; in headwall of concrete culvert; standard tablet stamped "114 WHC 1962 679"	678.900

LINE 13.

H. L. Zohn, Jr., 1964; Book AV 1302

11	50	7.63	Pocono Interchange (Pa. Turnpike), 7.6 mi SE. of, along turnpike; at junction of turnpike and State Highway 903; 114 ft E. and 18 ft N. of, and 0.9 ft higher than center of bridge over Pa. Turnpike; in E. end of N. rail; standard tablet stamped "53 HLZ 1964 1627"	1627.263
11	52	8.57	Albrightsville; 2.2 mi SW. of junction of State Highways 903 and 534, along Highway 903; 10 ft N. of witness post; 26 ft NW. of, and 6.5 ft higher than centerline of rd. opposite; in top of large boulder; standard tablet stamped "54 HLZ 1964 1710"	1709.467