

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

HARVEYS LAKE QUADRANGLE
168 PENNSYLVANIA
N4115-W7500/15
DIAGRAM NK 18-7
WILLIAMSPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Luzerne, Sullivan, and Wyoming
Counties

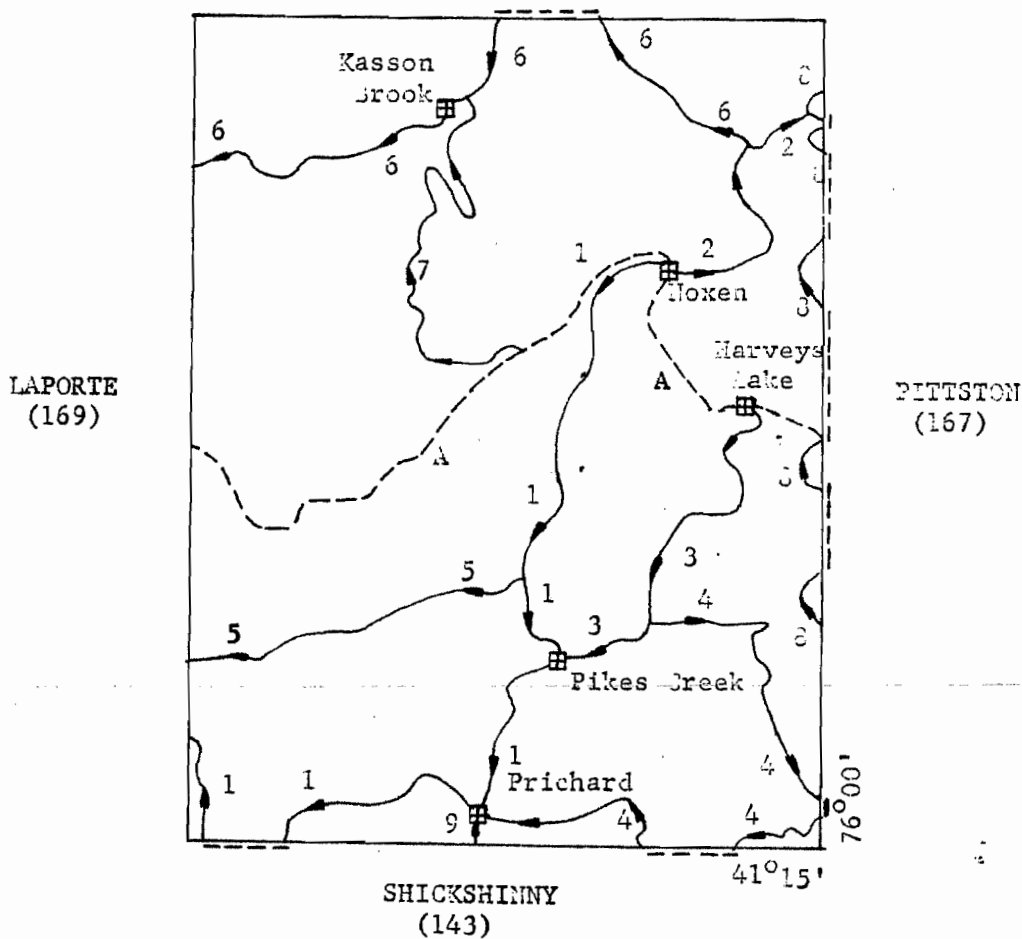
Only the permanent marks
are listed for lines
run more than 25 years
before edition date

Final adjustment of 1943

Edition of 8/14/72

PR: LFB/po

MESHOPPEN
(192)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 410762

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 38 K 1932	4,8,13	TT 43 T 1942 2056	12
TT 39 K 1932	8	TT 44 T 1942 2052	11
1 AMD 1942 910	5	TT 45 T 1942 2154	11
2 AMD 1942 850	5	TT 46 T 1942 1606	11
3 AMD 1942 814	6,9	TT 78 TH 1942	8
4 AMD 1942 1075	9		
5 AMD 1942 1905	10	<u>PDH</u>	
7 AMD 1942	10		
8 AMD 1942	11	NOT STAMPED (1018.180)	3
9 AMD 1942	11	NOT STAMPED (1369.374)	3
38 B 1942 744	6,13	NOT STAMPED (860.992)	5
43 CH 1942	3	NOT STAMPED (811.891)	6
44 CH 1942	3	NOT STAMPED (1155.890)	7
45 CH 1942	3,8	NOT STAMPED (1172.601)	7
46 CH 1942	4,7	NOT STAMPED (1232.967)	9
47 CH 1942	4	NOT STAMPED (1238.610)	9
48 CH 1942	4	NOT STAMPED (901.239)	10
49 CH 1942	4	NOT STAMPED (975.216)	10
50 CH 1942	4		
51 CH 1942	5	<u>NGS</u>	
53 CH 1942	6		
54 CH 1942	6	F 57 1934	8
55 CH 1942	7,7	K 57 1934	3,5
56 CH 1942	9	N 49 1934	3
57 CH 1942	9	X 49 1934	11
58 CH 1942	9		
59 CH 1942	7	<u>NGS & STATE SURVEY</u>	
63 EWS 1942	13		
TT 41 T 1942 1012	10,12	G 57 1934	6
TT 42 T 1942 1674	12		

Book B9743

1942

LINE 1.Feet

By B. B. Chamblin, 1942; Book B9743

"K 57 1934" (NGS)	997.272
Noxen, 0.5 mi W. of post office; at NW. corner of concrete bridge; Pennsylvania Department of Highways standard disk not stamped	1018.180
"N 49 1934" (NGS)	1111.428
U.E., Stull, 1.7 mi S. of; 70 ft N. of junction of dim rd. W.; about 10 ft W. of large chestnut stump; 15 ft E. of rd; on only boulder in vicinity; chiseled square	1363.79
Stull, 2.5 mi S. of; along Sorber Run rd.; 400 ft N. of barn; 20 ft S. and 40 ft W. from junction of private rd. W.; in rock outcrop; standard tablet stamped "43 CH 1942"	1532.543
U.E., Stull, 4.5 mi S. of; 55 ft N. of stone culvert; about half way up long hill; 9 ft W. of rd. on W. edge of flat rock; chiseled square	1389.13
Stull, 5.1 mi S. of; about 300 ft E. of dwelling; 30 ft N. and 70 ft E. from junction of Y-rd.; in rock outcrop; standard tablet stamped "44 CH 1942"	1366.959
Reference mark; 70 ft W. of tablet; 20 ft NW. of junction of rd.; on E. edge of flat rock; chiseled square	1363.97
Stull, 5.1 mi S. along dirt rd., thence 0.5 mi SW. along State Highway 29; about 1.0 mi NW. of Loyalville; in NE. corner of concrete bridge; PDH standard disk not stamped	1369.374
U.E., Loyalville School, 1.0 mi W., thence 0.1 mi N., along State Highway 29; in hollow; on center of W. stone headwall of culvert; chiseled square	1345.04
Loyalville School, 1.0 mi W., thence 0.3 mi S.; 275 ft W. of junction of State Highways 29 and 415; in yard of old Durland School; 65 ft S. and 45 ft W. from junction of rd. S.; in rock ledge; standard tablet stamped "45 CH 1942"	1377.542

1942

FeetLINE 1 (Cont'd.)

Loyalville School, 1.0 mi W., thence 2.6 mi S. of; 0.5 mi W. of Pike Creek post office; in yard of Maple Grove Church; in top of large boulder; about 4 ft above level of ground; standard tablet stamped "46 CH 1942"	1260.340
Reference mark; 500 ft W. of tablet; in center of N. stone headwall of culver; chiseled square	1259.69
Prichard, 2.0 mi N. of crossroads; 330 ft S. of dwelling; in NE. corner of pasture; 25 ft W. of center of rd.; in large flat rock; standard tablet stamped "47 CH 1942"	1235.382
Prichard; 115 ft N. and 56 ft W. from crossroads; 25 ft S. and 15 ft W. from SW. corner of Baptist parsonage; in yard between parsonage and E.-W. rd.; in sandstone outcrop; 4 in. above ground; standard tablet stamped "TT 38 K 1932"	1177.184
Reference mark; 220 ft W. of tablet; 15 ft N. and 270 ft W. from crossroads; in rock ledge; chiseled square	1182.42
U.E., Prichard Crossroads, 1.0 mi NW. of; on top of NE. wingwall of concrete bridge; chiseled square	1153.25
Sweet Valley, 1.8 mi SW. of post office; 220 ft E. of junction of rd. S.; 20 ft N. and 35 ft E. from NE. corner of barn; 25 ft S. of rd.; in large flat rock; standard tablet stamped "48 CH 1942"	1265.626
U.E., Sweet Valley, 2.6 mi SW. of post office; 65 ft S. and 15 ft E. of crossroads; on center of E. stone headwall of culvert; chiseled square	1253.08
Sweet Valley, 4.5 mi SW. of post office; 0.5 mi NE. of Broadway; 35 ft W. of Broadway School; 25 ft E. of cemetery fence; 45 ft S. of rd.; in flat rock; standard tablet stamped "49 CH 1942"	1165.914

[Jogs into Shickshinny quadrangle]

Broadway, 2.4 mi W. of; by hwy. and trail; 2.5 mi N. of Harveyville; 2.4 mi E., thence 3.5 mi S. from Red Rock; 125 ft N. of junction of rd. E.; 35 ft N. and 35 ft W. from junction of rd. W.; in rock outcrop; standard tablet stamped "50 CH 1942"	1001.762
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Book B9743

1942

LINE 1 (Cont'd.)Feet

Red Rock, 2.4 mi E., thence 1.7 mi S.; in front yard of Bethel M.E. Church; 130 ft N. and 20 ft E. from junction of Y-rd.; in rock outcrop; standard tablet stamped "51 CH 1942" 1316.325

U.E., Red Rock; 2.4 mi E., thence 0.75 mi S.; 400 ft S. of residence; in hollow; in center of E. stone headwall of culvert; chiseled square 1316.98

LINE 2.

By A. M. Davies, 1942; Book B9743

"K 57 1934" (NGS) (Also in line 1) 997.272

U.E., Noxen, 0.8 mi E. of Lehigh Valley RR. station, along State Highway 29; 35 ft N. and 61 ft W. from N. corner of Noxen Methodist Church; 13 ft S. of hwy.; at bridge over Bowmans Creek; rivet head 959.08

Noxen, 1.9 mi E. of station, along State Highway 29; at Y-rd. beyond Bowmans Creek; 125 ft S. and 169 ft E. from junction; 18 ft S. of macadam rd.; in ledge outcrop; standard tablet stamped "1 AMD 1942 910" 910.340

Reference mark; 163 ft N. of tablet; on wingwall; chiseled cross 900.49

U.E., Noxen, 2.3 mi E. of station, along hwy.; at rd. E.; 18 ft N. and 11 ft E. from E. corner of Bowmans Creek Grange Hall 820; 22 ft W. of rd.; on base of old gasoline pump; chiseled square 874.53

Noxen, 3.0 mi E. of, along State Highway 29; at bridge over Bowmans Creek; 34 ft S. and 14 ft E. from S. wingwall; 19 ft W. of and 8 ft lower than hwy.; on E. edge of creek; in top of 5- by 6-ft embedded boulder projecting 1.8 ft above level of ground; standard tablet stamped "2 AMD 1942 850" 849.973

Reference mark; 106 ft E. of tablet; at bridge over Bowmans Creek; PDH standard disk not stamped 860.992

U.E., Noxen, 3.8 mi E. of, along hwy.; on N. slope of ridge; 22 ft W. of rd.; on open catch basin; chiseled square 897.13

1942

LINE 2 (Cont'd.)Feet

Noxen, 4.6 mi E. of, along State Highway 29; at bridge over Roaring Run; 19 ft N. of rd.; in N. wingwall; standard tablet stamped "3 AMD 1942 814"	813.919
Reference mark; 60 ft S. of tablet; in S. wingwall of bridge; PDH standard disk not stamped	811.891
U.E., Noxen, 5.6 mi E. of, along State Highway 29; about 400 ft N. of Evans Falls Church; 22 ft N. of rd.; on concrete open catch basin; chiseled square	770.15
Junction of U. S. Highway 309 and State Highway 292; 830 ft SE. of, along State Highway 292; 16 ft SW. of hwy.; in top of W. wingwall to concrete bridge over Bowmans Creek; standard tablet stamped "38 B 1942 744"	743.675
Reference mark; 30 ft N. of tablet; on W. end of N. parapet wall to concrete bridge; chiseled square	743.15

LINE 3.

By B. B. Chamblin, 1942; Book B9743

"G. 57 1934" (NGS & State Survey)	1286.795
U.E., Alderson, 0.8 mi S. of station, along E. side of Harveys Lake; in center of E. side of concrete catch basin at culvert; chiseled square	1267.17
U.E., Alderson, 1.7 mi S. of station, along E. side of Harveys Lake; at hwy. mileage 0/62/97; on S. end of E. side of wall of concrete catch basin; chiseled square	1261.91
Alderson, 2.7 mi S. of, along E. side of Harveys Lake; 100 ft N. and 26 ft W. from junction of rd. E. to Wilkes Barre; in 4- by 4-ft concrete block; standard tablet stamped "53 CH 1942"	1260.317
Reference mark; 500 ft S. of tablet; on NE. wingwall of concrete bridge; chiseled square	1263.65
Alderson, 4.7 mi S. of; in yard of Outlet School; 200 ft S. and 35 ft E. of junction of Y-rd.; in large flat rock; standard tablet stamped "54 CH 1942"	1342.493

Book B9743

1942

LINE 3 (Cont'd.)Feet

Outlet School, 2.0 mi S. of; in yard of Meeker School; 2.4 mi E. of Pike Creek School; 2.3 mi W. of Lehman; 35 ft E. of N. lane of junction of rd. E.; in flat rock; standard tablet stamped "55 CH 1942"	1161.141
U.E., Pike Creek School, 1.8 mi E. of; 20 ft N. and 150 ft W. from junction of rd. N.; on E. side of concrete catch basin at culvert; chiseled square	1180.66
U.E., Pike Creek School, 0.8 mi E. of; 22 ft N. of junction of Y-rd. NE.; in center of N. concrete headwall of culvert; chiseled square	1222.94
Pike Creek School, 0.4 mi E. of; in top of SW. wingwall of concrete bridge; PDH standard disk not stamped	1155.890
Pike Creek School; 175 ft N. of; 720 ft W. of store; in NW. wingwall of concrete bridge; PDH standard disk not stamped	1172.601
"46 CH 1942" (Described in line 1)	1260.340

LINE 4.

By B. B. Chamblin, 1942; Book B9743

"55 CH 1942" (Described in line 3)	1161.141
U.E., Meeker School, 0.9 mi E. of; 1.4 mi W. of Lehman; in E. end of S. side wall of stone bridge; chiseled square	1211.82
U.E., Lehman, 0.6 mi W. of; in E. end of NE. concrete retaining wall of steel bridge; chiseled square	1075.77
Lehman, in center of village; 100 ft N. of center of crossroads; 80 ft NE. of post office; in NE. corner of concrete cover of town well; standard tablet stamped "59 CH 1942"	1316.094
Reference mark; 100 ft S. of tablet; at SE. corner of post office porch; on SE. corner of concrete base of gasoline tank (about 2 ft above ground level); chiseled square	1319.32

Book B9743

1942

LINE 4 (Cont'd.)Feet

U.E., Lehman, 0.5 mi S. of; 20 ft S. and 20 ft E. of intersection of crossroads; in E. end of S. concrete headwall of culvert; chiseled square	1296.11
Lehman, 2.7 mi S. of; 2.8 mi SW. of Huntsville, along Huntsville-Jackson rd., 120 ft E. of crossroads; in NE wingwall of concrete bridge over small stream; standard tablet stamped "TT 78 TH 1942"	1121.823
U.E., Lehman, 3.9 mi S. of; at Oakdale School; 6 ft SW. of SW. corner of coal house; 40 ft W. of front door of school building; 15 ft E. of center of rd.; in rock ledge; chiseled square	1094.23
<u>[Jogs into Pittston quadrangle]</u>	
U.E., Seasetown, about 0.5 mi S. of; 2.2 mi NE. of White Oak School; about 250 ft E. of highway #139; in stone foundation of wooden bridge over Harveys Creek; (about 3 ft lower than bridge floor); top of 1 in. iron bolt	863.03
<u>[Jogs into Shickshinny quadrangle]</u>	
U.E., United Evangelical Church, 1.0 mi N. of; in N. end of W. stone side wall of stone bridge (about 2½ ft above the rd. level); chiseled square	1045.69
Prichard, 3.5 mi nearly E. of; 0.75 mi SE. of Silkworth; at Leonard School House; 160 ft NE. of junction of State Highway #139 with public T-rd. S.; to Hunlock Creek; 90 ft N. of center of highway; 7 ft N. and 22 ft W. of NW. corner of Leonard School house in top of large stone boulder; standard tablet stamped "TT 39 K 1932" Note: this building is now a residence.	1164.930
U.E., Prichard (crossroads), 0.8 mi E. of; 0.2 mi W. of Roaring Brook Church and School; 75 ft W. of Y-rd. junction; in W. end of N. sidewall of stone bridge; chiseled square	1033.01
"TT 38 K 1932" (Described in line 1)	1177.184

LINE 5.

By B. B. Chamblin, 1942; Book B9743

"45 CH 1942" (Described in line 1) 1377.542

Book B9743

1942

LINE 5 (Cont'd.)Feet

Durland School, 1.3 mi W. of; 2.6 mi E. of Mooretown Church; in NE. wingwall of concrete bridge over Huntington Creek; PDH standard disk not stamped	1232.967
Mooretown Church, 1.9 mi E. of; 90 ft E. of dwelling; 50 ft W. of creek; 70 ft S. of rd.; in large rock; standard tablet stamped "56 CH 1942"	1396.829
Reference mark; 60 ft N. of tablet; on top of SW. wingwall of concrete bridge; chiseled square	1398.74
Kyttle, 0.4 mi E. of; 0.2 mi E. of school; in steps of main entrance to Mooretown Church; standard tablet stamped "57 CH 1942"	1379.319
Kyttle, 1.5 mi W. of; 4.7 mi E. of Red Rock; 0.15 mi E. of junction of rd.S.; 650 ft W. of red barn; 35 ft S. of rd.; in large flat rock; standard tablet stamped "58 CH 1942"	1273.442
Reference mark; 740 ft W. of tablet; 15 ft S. and 30 ft W. from rd. junction; on apex of triangular stone headwall of culvert; chiseled square	1263.44
Red Rock, 4.3 mi E. of; in NE. wingwall of concrete bridge over Phillip Creek; PDH standard disk not stamped	1238.610

LINE 6.

By A. M. Davies, 1942; Book B9743

"3 AMD 1942 814" (Described in line 2)	813.919
Noxen, 4.8 mi NE. of, along State Highway 29, thence 2.2 mi N., along dirt rd. to Forkston; 400 ft W. of small hunting camp; 12 ft W. of rd.; in top of 3- by 5- by 1.8-ft boulder; standard tablet stamped "4 AMD 1942 1075"	1074.647
U.E., Noxen, 4.8 mi NE. of, along hwy., thence 3.3 mi N., along dirt rd. to Forkston; on S. side of ridge; 7 ft N. of rd.; in 3- by 3-ft gray sandstone boulder projecting 0.4 ft above ground; chiseled square	1402.37

Book B9743

1942

LINE 6 (Cont'd.)Feet

Noxen, 4.8 mi NE. of, along hwy., thence 4.4 mi, along old rd.;
on N. slope of ridge at ledge outcrop; 8 ft S. of and 5 ft higher
than rd.; standard tablet stamped "5 AMD 1942 1905" 1904.830

Reference mark; 25 ft E. of tablet; on ledge outcrop; chiseled
square 1900.25

[Jogs into Meshoppen quadrangle]

Forkston, 2.2 mi S. of; 1.7 mi N. of Kasson Brook; in NW. abutment
of concrete bridge over small stream from W.; PDH standard disk not
stamped 901.239

Reference mark; 30 ft E. of disk; on top of E. wingwall; chiseled
square 901.12

Forkston, about 3 mi S. of, along rd. to Kasson Brook; at concrete
bridge at the Luzerne Rod and Gun Camp; in S. wingwall of
bridge; PDH standard disk not stamped 975.216

Kasson Brook; 200 ft SW. from junction of C.C.C. rd. and
Mehoopany rd.; in triangle; in boulder in place; about 2 in.
above ground; standard tablet stamped "TT 41 T 1942 1012" 1011.838

Reference mark; 38 ft N. of tablet; on top of boulder; chiseled
square 1012.30

U.E., Forkston, about 5.3 mi SW. of, along rd. to Lopez; at junction
of Stony Brook and Mehoopany Creek; 30 ft S. of rd.; on top of
6- by 8-ft boulder projecting 7 ft above ground; chiseled square 1089.63

Forkston, about 6.3 mi SW. of, along rd. to Lopez; 19 ft S. of rd.;
at foundation of old house; in center of clearing; in 5- by
5-ft embedded boulder projecting 1.1 ft above ground; standard
tablet stamped "7 AMD 1942" 1355.114

Reference mark; 33 ft E. of tablet; on top of rock; chiseled
square 1356.65

U.E., Forkston, 7.4 mi SW. of, along rd. to Lopez; on S. slope of
and about 500 ft from top of ridge; 11 ft S. of rd.; on top of
11- by 21-ft boulder projecting 5 ft above rd.; chiseled square 1905.21

1942

LINE 6 (Cont'd.)Feet

Forkston, 8.4 mi SW. of, along rd. to Lopez; about 600 ft E. of large clearing; on E. slope of ridge; 52 ft S. of rd.; in 4- by 4-ft boulder projecting 1.7 ft above ground; standard tablet stamped "8 AMD 1942" 2027.452

Reference mark; 37 ft N. of tablet; 15 ft from rd.; on top of 3- by 3-ft boulder; chiseled square 2028.69

Forkston, 10 mi SW. of; 18 ft S. of rd. to Lopez; about 400 ft W. of rd. N.; in 7- by 5-ft embedded boulder projecting 1.9 ft above ground; standard tablet stamped "9 AMD 1942" 2090.102

LINE 7.

A. M. Davies, 1942 Book B9743

"X 49 1934" (NGS) 1233.305

Stull, 4.1 mi NW. of; 10.4 mi S. and W. of Kasson Brook; on C.C.C. rd. over North Mountain; 0.3 mi NW. of gate to State game refuge; 27 ft N. and 40 ft E. from center of rd.; in large boulder projecting 2.5 ft above ground; standard tablet stamped "TT 46 T 1942 1606" 1606.333

Reference mark; 15 ft W. of tablet; on 3- by 3-ft embedded boulder; chiseled square 1605.55

Kasson Brook, 8.3 mi W. of; 5.8 mi W. of Stull; on C.C.C. rd. over North Mountain; 9 ft N. and 31 ft E. from Junction of Lott Creek rd. and Cider Run rd.; in boulder projecting 4-in. above ground; standard tablet stamped "TT 45 T 1942 2154" 2153.952

Reference mark; 12 ft S. of tablet; on top of boulder; chiseled square 2154.91

Kasson Brook, 6.1 mi SW. of; 8.0 mi NW. of Stull; on C.C.C. rd. over North Mountain; 21 ft N. and 52 ft E. from stone culvert; 38 ft S. of rd.; at clearing; in 4- by 4-ft white boulder; standard tablet stamped "TT 44 T 1942 2052" 2051.507

Reference mark; 46 ft N. of tablet; 15 ft N. of rd.; on top of 4- by 2-ft boulder; chiseled square 2048.63

1942

LINE 7 (Cont'd.)Feet

U.E., Stull, 2.7 mi NW., thence 5.8 mi N., along C.C.C. rd.; 14 ft W. of rd.; on 12- by 5-ft outcrop level with ground; chiseled square	2024.58
Kasson Brook, 4.1 mi SW. of; on C.C.C. rd. over North Mountain; on W. side of rd.; 50 ft W. of small culvert; in 2.5-ft boulder; standard tablet stamped "TT 43 T 2056"	2056.435
Reference mark; 12 ft N. of tablet; on top of 3- by 2-ft boulder; chiseled square	2054.76
U.E., Stull, 2.7 mi NW., thence 7.6 mi N., along C.C.C. rd.; 13 ft N. of and 4 ft higher than rd.; 800 ft NW. of hairpin turn; on top of 7- by 5-ft boulder projecting 8 ft above ground; chiseled square	2017.07
Kasson Brook, 2.1 mi S. of village; 12.0 mi NW. of Stull; on C.C.C. rd. across North Mountain; 1.1 mi S. of sharp "U" bend in rd.; 18 ft W. of rd.; in large boulder 4 ft high; standard tablet stamped "TT 42 T 1942 1674"	1674.413
Reference mark; 24 ft E. of tablet; 12 ft from rd.; on top of ledge outcrop; chiseled square	1675.17
U.E., Kasson Brook, 1.1 mi S. of; 12 ft E. of rd.; in masonry head-wall; top of 2- by 4- by 1-ft boulder; chiseled square	1415.81
"TT 41 T 1942 1012" (Described in line 6)	1011.838

LINE 8.

By E. B. Benson, 1942; Book B9774

U.E., Huntsville, 0.9 mi NWW. of, along State Highway #115, thence 1.6 mi NWN, along tarvia rd.; 48 ft W. and 7 ft N. of intersection of T-rd. E.; on top of concrete door step; on E. side of old cellar hole; chiseled square	1217.67
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/Jogs into Pittston quadrangle/

"F 57 1934" (NGS)	1324.876
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/Jogs into Pittston quadrangle/

U.E., Beaumont, 1.2 mi NW. of, along U. S. Highway 309; 20 ft N. and 70 ft E. of intersection of T-rd. NE.; on SW. masonry wingwall to plate girder bridge; chiseled square	906.65
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/Jogs into Pittston quadrangle/

13

HARVEYS LAKE

PENNSYLVANIA

E. B. Benson

Book 39774

1942

LINE 8 (Cont'd.)

Feet

U.E., Vernon, 2.4 mi NW., thence 1.6 mi NWN, along dirt rd. to State Highway #292; 1.4 mi E. and S. of junction of U. S. Highway 309 and State Highway 292; 150 ft W. of intersection of rd. fork S.; on top of rock outcrop; chiseled square

1033.65

/Jogs into Pittston quadrangle/

"38 B 1942 744" (Described in line 2)

743.675

LINE 9.

By E. B. Benson, 1942; Book 9646

"TT 38 K 1932 (Described in line 1)

1177.184

LINE 10.

By E. W. Smith, 1942; Book 39628

Note: This line run by third-order methods, but does not meet accuracy requirements.

Lopez, 6.5 mi E. of; 15 ft E. of Devil's Elbow rd.; 53 ft E. of foundation of abandoned house; in boulder; standard tablet stamped "63 EWS 1942"

2208.808

Reference mark; 60 ft NW. of tablet; 20 ft E. of foundation; 15 ft E. of hwy.; on boulder; chiseled square

2208.45