

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

PUBLICATION COPY

36-086-11
SCOTTSVILLE QUADRANGLE
42 KENTUCKY
N3645-W8600/15
DIAGRAM NJ 16-11
NASHVILLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

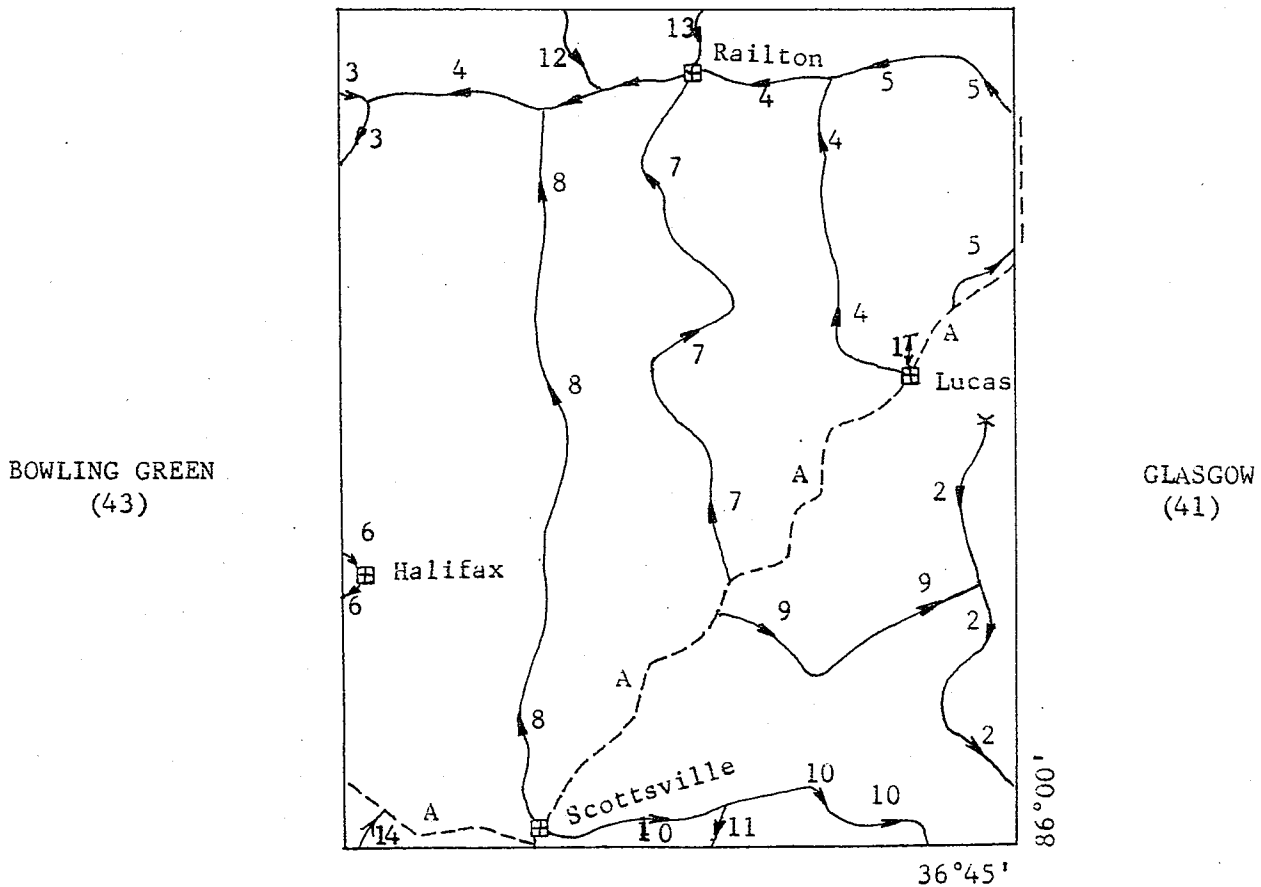
Allen, Barren and Warren
Counties, Kentucky

Final adjustment of 1973

Edition of 8/6/76

PR: DSW/sws

MAMMOTH CAVE
(70)



LAFAYETTE
(208 TENN. -14 KY.)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360861

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ISOLATED BENCH MARKS (By S. H. Birdseye, 1919; Book B508)

Feet

Three Forks, 2.2 mi W. of, along Porter Road; in NE. corner of crossroads; on iron post; standard tablet stamped "PRIM TRAV STA NO 24 1919 KY 543" (Reported destroyed, 1953)	543.200
Bon Ayr, 3.1 mi S. of; 2.0 mi W. of Beckton; 1.1 mi E. of Red Cross; 770 ft SW. of Old Zion Church; 45 ft NE. of crossroads; inside fence corner; N. and about opposite house of A. J. Johnson; on iron post; standard cap stamped "PRIM TRAV STA NO 15 1920 KY 5 MCM 1922" (Reported destroyed, 1953)	793.000
Railton; 12 ft S. of E.-W. rd.; in line with center of rd. N.; 45 ft SE. of SE. corner of store of Joe Mills; 40 ft E. of center of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 16 1920 KY 6 MCM 1922" (Reported destroyed, 1953)	749.535
Rocky Hill, 3.5 mi E. of; 2.5 mi W. of Haywood; 0.5 mi SE. of ford across Beaver Creek; 20 ft N. and 10 ft E. of junction of rd. forks; on iron post; standard cap stamped "PRIM TRAV STA NO 14 1920 KY W 7 23"	595.027
Lucas, 2.6 mi NE. of; at Bruce; on E. side of hwy.; 150 ft S. of S. end of bridge over Skeggs Creek; 85 ft SE. of store of Frazier and Ralston; on E. side of main rd.; 2 ft from fence; on iron post; standard cap stamped "PRIM TRAV STA NO 13 1920 KY W 8 23" (Reported destroyed, 1953)	559.281
Lucas, 4.0 mi SW. of; 70 ft W. of bridge over Barren River; at Spencer's Store; Allen-Barren County line; 20 ft NE. of NE. corner of store; 10 ft N. of sycamore tree; in limestone ledge forming porch for store; S. side of rd.; standard tablet stamped "W 10 23 KY" (Destroyed, 1953)	541.211
Meador, 2.8 mi W., thence 0.6 mi S. from; 120 ft SE. of residence of G. Connor; 1.1 mi N. of Settle; W. side of rd.; 5 ft E. of fence; in limestone ledge; standard tablet stamped "KY W 14 23" (Destroyed, 1953)	632.206
Settle, 2.3 mi S. of; at private rd. E. through gate at angle in rd.; 35 ft E. of angle in rd.; in rail fenceline; 5 ft NE. of cedar gatepost; 2 ft SW. of small peach tree; 45 ft E. of two large trees; one beech and one oak; 10 ft apart; on iron post; standard cap stamped "W 15 23 KY"	698.196
Halifax, 2.1 mi SE. of; 130 ft S. of Bays Fork Creek Ford; 15 ft W. of center of rd.; 12 ft E. of rail fence; 210 ft NW. of private rd. E.; in limestone ledge; standard tablet stamped "KY W 17 23" (Destroyed, 1953)	559.245

ISOLATED BENCH MARKS (Cont'd.)Feet

Scottsville, 1.3 mi N. of; at rd. forks; rd. to N. goes to Gainesville; rd. NW. to Halifax; in angle of rds.; 120 ft S. of residence of John Martin; 7 ft N. of telephone pole; on iron post; standard cap stamped "KY W 18 1923" (Destroyed, 1953) 785.242

Scottsville, in step at E. entrance to courthouse; S. end of stone step; 3 in. above level of sidewalk; set vertically; standard tablet stamped "KY W 19 23" (Recovered by NGS, 1935) 760.395

Scottsville, 9.8 mi E. of; 1.0 mi W. of Browns Ford; on N. side of private T-rd. N. to house of H. K. Tinsley; 6 ft N. of fence corner; stone post set flush with ground; standard tablet stamped "W 22 23 KY" (Reported not found, 1953) 721.344

LINE 1.

By R. H. Paine, 1952; Book AV 316

Lucas; 225 ft NW. of post office; 73 ft W. of centerline of U. S. Highway 31E; in S. end of bottom step at Peters Creek Church; standard tablet stamped "W 9 23 KY" (Tied by NGS, 1935) 753.716

Lucas, on grounds of Peters Creek Baptist Church; 96 ft SW. of white witness post; 64 ft SW. of NW. corner of church; 21 ft N. of dirt rd.; in concrete post; NGS standard triangulation disk stamped "LUCAS 1950" 762.005

Reference mark 1; 95 ft NE. of station; in concrete post; NGS standard reference mark disk stamped "LUCAS NO 1 1950" 754.056

Reference mark 2; 46 ft E. of station; in concrete post; NGS standard reference mark disk stamped "LUCAS NO 2 1950" 758.596

LINE 2.

By R. H. Paine, 1952; Book AV 316

Lucas 1.8 mi SE. of post office; 200 ft NW. of junction of T-rd. S.; 12 ft W. of Y-rd.; 35 ft W. of 40-in. beech tree; 1 ft E. of Tulip poplar tree; on iron post; standard cap stamped "PRIM TRAV STA NO 37 1919 W 27 23 716" 715.944

U.E., Lucas, 1.8 mi SE., thence 0.7 mi S. of; 15 ft W. of and 0.5 ft lower than center of rd.; at ford; on highest point of limestone ledge; chiseled square 615.98

LINE 2 (Cont'd.)Feet

Austin, 0.4 mi E. of, along State Highway 87, thence 1.8 mi N. along graveled rd.; on farm owned by Franklin Berry; 38 ft W. of centerline of rd.; 19.5 ft W. of 16-in. cedar tree; 4 ft N. of fence corner; in concrete post; standard tablet stamped "TT 21 JRH 1952 661" 660.629

Austin, 1.6 mi SE. of; 340 ft SE. of Y-rd.; 24 ft N. of State Highway 87; in concrete post; NGS standard azimuth disk stamped "AUSTIN 1950" 804.353

Austin, 1.7 mi SE. of, along State Highway 87, thence 3.4 mi WSW. along graveled rd.; 0.4 mi W. of Pleasant Home Church and Cemetery; 50 ft SE. of junction of T-rd. N.; 30 ft S. of centerline of rd.; 12 ft S. of fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "TT 22 JRH 1952 789" (Not found, 1965) 789.026

Maynard, 5.3 mi E. of; 2.3 mi E. of Jacksons Store (at bridge over Barren River); about 4.0 mi NW. of Fountain Run; 225 ft N. of school; 2 ft S. of SE. corner of Capitol Hill Church; 130 ft NNW. of rd. intersection; 63 ft W. of rd.; in concrete post; standard tablet stamped "TT 23 JRH 1952 792" 791.594

LINE 3.

By R. H. Paine, 1953; Book AV 342

Polkville, 1.7 mi E. of; 2.4 mi W. of Kepler; 0.2 mi E. of Flat Rock Methodist Church; 23 ft N. and 20 ft E. of, and 5 ft higher than centerline of rd. at junction of T-rd. S.; 5 ft NE. of corner fence post; in concrete post; standard tablet stamped "9 RHP 1953 565 TT" (Reported disturbed, 1965) 565.106

Polkville, 1.7 mi E. of, thence 1.4 mi S.; 3.4 mi N. of Rock Springs; 33 ft S. and 23 ft W. of, and 1.5 ft higher than crossroads; 2 ft SW. of corner fence post; in concrete post; standard tablet stamped "12 RHP 1953 547 TT" 546.918

LINE 4.

By R. H. Paine and F. B. Neary, 1953; Book AV 342

"W 9 23 KY" (Described in line 1) 753.716

"LUCAS 1950" (Described in line 1) 762.005

"LUCAS NO 1 1950" (Described in line 1) 754.056

"LUCAS NO 2 1950" (Described in line 1) 758.596

LINE 4 (Cont'd.)Feet

Lucas, 2.0 mi NW. of; at Y-rd. fork; 32 ft SW. of rd. NW.; 42 ft N. of rd. W.; 1 ft E. of fence; in concrete post; standard tablet stamped "1 RHP 1953 635"	634.528
Lucas, 4.5 mi NW. of; 0.7 mi S. of crossroads at Game; 15 ft E. and 2.5 ft higher than Y-rd. fork; 1 ft NE. of fence; in concrete post; standard tablet stamped "2 RHP 1953 672"	672.248
Game, 35 ft NE. and 4 ft higher than crossroads; on top of boulder; chiseled square	721.09
Game, 0.7 mi N. of post office; 92 ft W. of center of dirt rd.; 110 ft E. of SE. corner of house of J. Davidson; on property of Mr. J. Y. Smith; 65 ft SW. of 14-in. gum tree; in concrete post flush with ground; NGS standard triangulation disk stamped "SMITH 1939"	808.957
Reference mark 1, 91 ft N. of station; 1 ft S. of wire fence; 12 ft N. of center of lane to Davidson house; 60 ft NNW. of 14-in. gum tree; in concrete post; NGS standard reference disk stamped "SMITH NO 1 1939"	805.873
Reference mark 2, 78 ft SE. of station; 6 ft E. of lane along top of ridge; 120 ft W. of center of dirt rd.; in concrete post; NGS standard reference disk stamped "SMITH NO 2 1939"	808.159
Reference mark 3, 76 ft E. of station; 18 ft SW. of center of dirt rd.; 15 ft S. of center of driveway and 2 ft SE. of fence corner; in concrete post; NGS standard reference disk stamped "SMITH NO 3 1939"	804.906
Railton, 3.1 mi E. of; 2.0 mi W. of Beckton; 90 ft SW. and 3 ft higher than crossroads; 30 ft S. of rd. W.; 38 ft W. of rd. S.; 2 ft S. of SE. corner of shed; in concrete post; standard tablet stamped "3 RHP 1953 793"	793.647
Red Cross, 2.0 mi E. of Railton; 55 ft NW. and level with crossroads; 2 ft SW. of S. corner of store of J. T. Lawrence; in concrete post; standard tablet stamped "4 RHP 1953 784"	784.286
Reference mark, 10 ft SE. of tablet; on S. corner of concrete base of gasoline pump; chiseled square	784.07
Red Cross; 2.0 mi W. of; at Railton; 123 ft W. of, and level with crossroads; 14 ft N. of centerline of E.-W. rd.; 2 ft NW. of SE. corner fence post; in concrete post; standard tablet stamped "5 RHP 1953 751 TT"	750.807

LINE 4 (Cont'd.)Feet

Reference mark, 95 ft E. of tablet; on SE. corner of concrete base of gasoline pumps at Joe W. Jones Grocery; chiseled square	749.95
Hydro; 20 ft N. and 85 ft W. of T-rd. N.; 12 ft S. and 11 ft W. of SE. corner of Beckham's Grocery; in concrete post; standard tablet stamped "6 RHP 1953 658 RESET 1954"	658.478
U.E., Railton, 2.4 mi W. of; at T-rd. S.; on NW. corner of concrete base of gasoline pumps at Stone's Grocery; chiseled square	640.06
Hydro, 2.0 mi W. of; 0.5 mi E. of Kepler; 600 ft S. of Mt. Zion Church; 20 ft N. and 25 ft E. of centerline of rd. at junction of T-rd. N.; 3 ft SW. of apple tree in corner of old orchard; on iron post; standard cap stamped "PRIM TRAV STA NO 17 1920 KY 7 MCM 1922 633" (Reported destroyed, 1953)	633.518
Hydro, 2.0 mi W. of; 0.5 mi E. of Kepler; 88 ft NE. and 4 ft higher than T-rd. N.; 20 ft E. of rd. N.; 1 ft S. of power pole; in concrete post; standard tablet stamped "7 RHP 1953 634" (Reported destroyed, 1965)	634.496
Kepler, 1.4 mi W. of; 1.2 mi E. of Flat Rocks Methodist Church; at offset crossroads; 40 ft SE. and 3.5 ft higher than T-rd. S.; 1 ft S. of fence; in concrete post; standard tablet stamped "8 RHP 1953 588"	588.178
<u>LINE 5.</u>	
By R. H. Paine, 1953; Book AV 342	
"H 63 1935" (NGS)	620.048
U.E., Lucas, 2.6 mi NE. of; at concrete bridge over Skeggs Creek; on NW. end of NE. concrete abutment; chiseled square	557.79
<u>⌈Jogs into Glasgow quadrangle⌋</u>	
Glasgow, 6.0 mi W. of post office, thence 1.5 mi S.; 1.7 mi S. of Beech Grove School; 23 ft E. of centerline of rd.; 300 ft W. of house; 47 ft N. of drive; 8 ft E. of fence corner; 1 ft S. of fence; in concrete post; standard tablet stamped "TT 19 JRH 1952 594"	593.617
U.E., Beech Grove School; on E. end of bottom concrete step at W. entrance; chiseled square	748.16
Beckton, 1.2 mi E. of; 0.5 mi W. of Beech Grove School; 25 ft S. of centerline of rd. at junction of T-rd. N.; 2 ft from fence corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 18 1920 KY W 6 23"	737.263

LINE 5 (Cont'd.)Feet

U.E., Beckton, 0.6 mi E. of; 15 ft S. and level with center of
graveled rd.; at drive N.; on large ledge; chiseled square 689.14

Beckton, in NE. corner of concrete porch of Emmerson's Store
and service station; 32 ft N. of rd.; 1 ft S. and 1.5 ft W.
of NE. edge of porch; 6-in. below porch level; on iron post;
standard cap stamped "W 5 23 KY" 742.891

"3 RHP 1953 793" (Described in line 4) 793.647

LINE 6.

By R. H. Paine and C. M. Nichols, 1953; Book AV 342

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

LINE 7.

By R. H. Paine, 1953; Book AV 342

Scottsville, 7.2 mi NE. of; NGS standard disk stamped "M 63 1935" 727.679

Scottsville, 8.0 mi NE. of; on property owned by Mr. Raymond Kincer;
22 ft SE. of SE. corner of barn; 7 ft SE. of white witness post;
3 ft E. of fenceline; in concrete post projecting 2 in.; NGS
standard triangulation disk stamped "GAINES 1950" 767.000

Reference mark 1, 39 ft SW. of station; 56 ft S. of SE. corner of
barn; 1 ft NE. of fenceline; in concrete post; NGS standard
reference disk stamped "GAINES NO 1 1950" 766.461

Reference mark 2, 22 ft NW. of station; 13 ft NW. of white witness
post; 1 ft NE. of fence corner; 1 ft SE. of SE. corner of barn;
in concrete post; NGS standard reference disk stamped
"GAINES NO 2 1950" 766.289

Azimuth mark, 0.5 mi SE. of station; 19 ft E. of 24-in oak tree;
11 ft N. of center of dirt rd.; 4 ft W. of white witness post;
1 ft S. of fenceline; in concrete post projecting 2 in.; NGS
standard azimuth disk stamped "GAINES 1950" 718.576

Lucas, 4.5 mi SW. of, along U. S. Highway 31E, thence 1.7 mi W.;
35 ft N. of crossroads; 80 ft E. of gum tree; 4 ft NE. of two
mailboxes; 1 ft E. of fence corner; on iron post; standard
cap stamped "W 11 23 KY 675 TT" 675.175

LINE 7 (Cont'd.)Feet

Gainesville, 3.0 mi N. of; 2.8 mi E. of Meador; 43 ft NW. of junction of T-rd. S.; 12 ft N. of gum tree; 2 ft S. of wire fence; on iron post; standard cap stamped "PRIM TRAV STA NO 38 1919 KY W 12 23"	615.070
Finney, 2.8 mi NE. of Port Oliver Ford; 120 ft NW. of, and 1 ft lower than crossroads; 2 ft E. of E. corner of Hanging Fork Church; in concrete post; standard tablet stamped "17 RHP 1953 730 TT"	729.652
Finney, 2.8 mi NW. of; 1.3 mi SE. of Berrys Store; 12 ft E. of, and 1 ft higher than centerline of rd.; in SW. corner of yard; in limestone outcrop; standard tablet stamped "18 RHP 1953 613 TT"	612.573
Reference mark, 25 ft SW. of tablet; on W. side of rd. on boulder; chiseled square	612.60
Railton, 2.0 mi SW. of; 0.3 mi N. of Berrys Store; 50 ft N. of, and 1 ft higher than centerline of rd. at junction of Y-rd. NW.; 2 ft S. of fence; in concrete post; standard tablet stamped "19 RHP 1953 720 TT"	720.365
"5 RHP 1953 751 TT" (Described in line 4)	750.807

LINE 8.

By R. H. Paine and C. M Nichols, 1953; Book AV 342	
Scottsville; NGS standard disk stamped "SCOTTSVILLE 1935"	760.149
Scottsville, 2.3 mi N. of courthouse, along State Highway 101; at concrete bridge over Bays Fork; in E. end of N. concrete abutment; standard tablet stamped "20 RHP 1953 611"	610.474
Reference mark, 100 ft SW. of tablet; on W. end of S. concrete abutment of bridge; chiseled square	610.37
Scottsville, 3.8 mi N. of courthouse, along State Highway 101; 45 ft E. and 5 ft lower than hwy.; 20 ft NW. of graveled rd. NE.; 2 ft NE. of power pole; in concrete post; standard tablet stamped "21 RHP 1953 652" (Not found, 1965)	651.397
Reference mark, 540 ft N. of tablet; at large concrete culvert over North Prong; on S. end of E. concrete headwall; chiseled square	644.00
Scottsville, 5.9 mi N. of; 200 ft N. and 6 ft higher than Y-rd. fork; 80 ft NE. of State Highway 234; 40 ft W. of State Highway 101; 2 ft S. of SE. corner of porch of abandoned store; in concrete post; standard tablet stamped "22 RHP 1953 779"	778.693
Reference mark, 135 ft S. of tablet; in S. point of triangle; on V-shaped concrete headwall of culvert; chiseled square	774.78

LINE 8 (Cont'd.)Feet

Scottsville, 8.3 mi N. of; 1.7 mi S. of Meador; 28 ft N. and 28 ft W. and 1 ft lower than junction of State Highway 101 and graveled rd. W.; 2 ft N. of telephone pole; 1 ft E. of fence; in concrete post; standard tablet stamped "23 RHP 1953 638"	638.039
U.E., Meador; 3.5 ft S. and 4 ft lower than crossroads; on S. end of E. concrete headwall of culvert; chiseled square	656.82
Meador, 64 ft SW. of T-rd. NE.; 80 ft S. of Meador Post Office; 35 ft NE. of oak tree; on W. side of rd.; 4 ft SW. of fence corner; on iron post; standard cap stamped "W 13 23 KY 658"	658.442
Meador, 1.3 mi N. of; 32 ft E. and 3.5 ft higher than junction of State Highway 101 and graveled rd. NE.; 2 ft E. of corner fencepost; in concrete post; standard tablet stamped "24 RHP 1953 642" (Not found, 1965)	642.382
Three Forks Church of Christ, 0.7 mi E. of, thence 2.5 mi S. of; 0.3 mi N. of Osborne Ford; 22 ft W. of rd.; in NE. corner of yard; 2 ft S. of corner fencepost; in concrete post; standard tablet stamped "25 RHP 1953 538"	537.892
Reference mark, 45 ft E. of tablet; in root on SW. side of leaning 16-in. locust tree; copper nail and washer	539.30
Three Forks Church of Christ, 0.7 mi E. of; 250 ft SE. of Centerville store; 85 ft WNW. and 4 ft higher than rd. fork SE.; 36 ft N. of rd. on S. side of triangle; 21 ft SW. of rd. on NE. side; in concrete post; standard tablet stamped "26 RHP 1953 669"	669.076
<u>LINE 9.</u>	
By R. H. Paine, 1953; Book AV 342	
Scottsville, 7.2 mi NE. of; NGS standard disk stamped "M 63 1935" (Also in line 7)	727.679
Scottsville, 6.8 mi NE. of, along U. S. Highway 31E, thence 1.9 mi E. from; about 0.8 mi W. of mouth of Walnut Creek; 35 ft NE. and 3 ft higher than junction of gravel rd. and drive NE.; 1 ft SW. of fence; in concrete post; standard tablet stamped "27 RHP 1953 733" (Not found, 1965)	732.312
Austin, 0.6 mi W. of, along State Highway 87 to Mt. Olivet Baptist Church, thence 1.6 mi W. from; 30 ft NW. and 2 ft lower than Y-rd. fork; 3 ft W. of corner fencepost; standard tablet stamped "28 RHP 1953 728"	727.502

LINE 9 (Cont'd.)Feet

U.E., Mt. Olivet Baptist Church, 25 ft S. of and about 0.5 ft higher than junction of State Highway 87 and graveled rd. SW.; on NW. end of concrete headwall of culvert; chiseled square	753.00
U.E., Austin, near W. city limits of; on S. concrete headwall of culvert; chiseled square	771.07
Austin, 0.4 mi E. of, along State Highway 87; 120 ft NW. of T-rd. N.; 10 ft E. of rd.; on edge of bank about 4 ft above rd.; in limestone post; standard tablet stamped "W 26 23 KY" (Not found, 1965)	778.950

LINE 10.

By R. H. Paine, 1953; Book AV 342

"SCOTTSVILLE 1935" (NGS) (Also in line 8)	760.149
U.E., Scottsville, 2.1 mi E. of; on E. end of S. concrete headwall of large culvert over Bays Fork; chiseled square	678.23
Scottsville, 3.3 mi E. of courthouse, along old Tompkinsville Road 54 ft N. and 43 ft W. and 0.5 ft higher than intersection of graveled rd. and dirt rd. N.; 3 ft SW. of corner fencepost; in concrete post; standard tablet stamped "29 RHP 1953 836"	835.899
U.E., Durham Springs Baptist Church; on NE. corner of concrete porch; chiseled square	807.54
Scottsville, 6.6 mi E. of; 1.2 mi W. of Maynard; 85 ft SE. of residence of Albert Bulton; 320 ft W. of residence of Jim Tinsley on N. side of rd.; 5 ft NE. of fence corner; standard tablet stamped "W 21 23 KY RESET 1956"	803.228
Maynard, 130 ft NW. and 0.5 ft higher than Y-rd. fork; 2 ft S. of SE. corner of New Bethel Church; in concrete post; standard tablet stamped "30 RHP 1953 794"	793.901
Maynard, 2.0 mi SE. of; 0.75 mi W. of Browns Ford bridge; 35 ft N. and 6 ft E. and 1 ft higher than junction of graveled rd. and farm rd. N.; 2 ft W. of fence; in concrete post; standard tablet stamped "31 RHP 1953 722" (Not found, 1965)	721.547
U.E., Browns Ford, at iron bridge over Barren River; on N. end of W. concrete abutment; level with bridge floor; chiseled square	559.55

LINE 10 (Cont'd.)Feet

Browns Ford, 0.8 mi SE. of bridge; 1.4 mi W. of Trace Creek School; 26 ft NE. of graveled rd.; 40 ft E. and 1 ft higher than junction of rd. and field rd. SW.; 2 ft NW. of fence; in concrete post; standard tablet stamped "32 RHP 1953 742" 741.742

LINE 11.

By R. H. Paine, 1953; Book AV 342

"29 RHP 1953 836" (Described in line 10) 835.899

U.E., Scottsville, 3.3 mi E., thence 0.7 mi S. of; on E. end of bottom concrete step to Chestnut Point Church; chiseled square 786.53

LINE 12.

By C. M. Nichols, 1953; Book AV 344

U.E., Smiths Grove, 6.6 mi S. of; on N. end of E. concrete bridge headwall; chiseled square 596.45

"6 RHP 1953 658 RESET 1954" (Described in line 4) 658.478

LINE 13.

By C. M. Nichols, 1953; Book AV 344

"5 RHP 1953 751 TT" (Described in line 4) 750.807

LINE 14.

By R. H. Paine, 1953; Book AV 342

U.E., 20 ft N. of, and 1 ft higher than U. S. Highway 231; on W. end of N. headwall of concrete culvert; chiseled square 700.92

"R 74 1935" (NGS) 696.508

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

36-086-11
SCOTTSVILLE QUADRANGLE
42 KENTUCKY
N3645-W8600/15
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

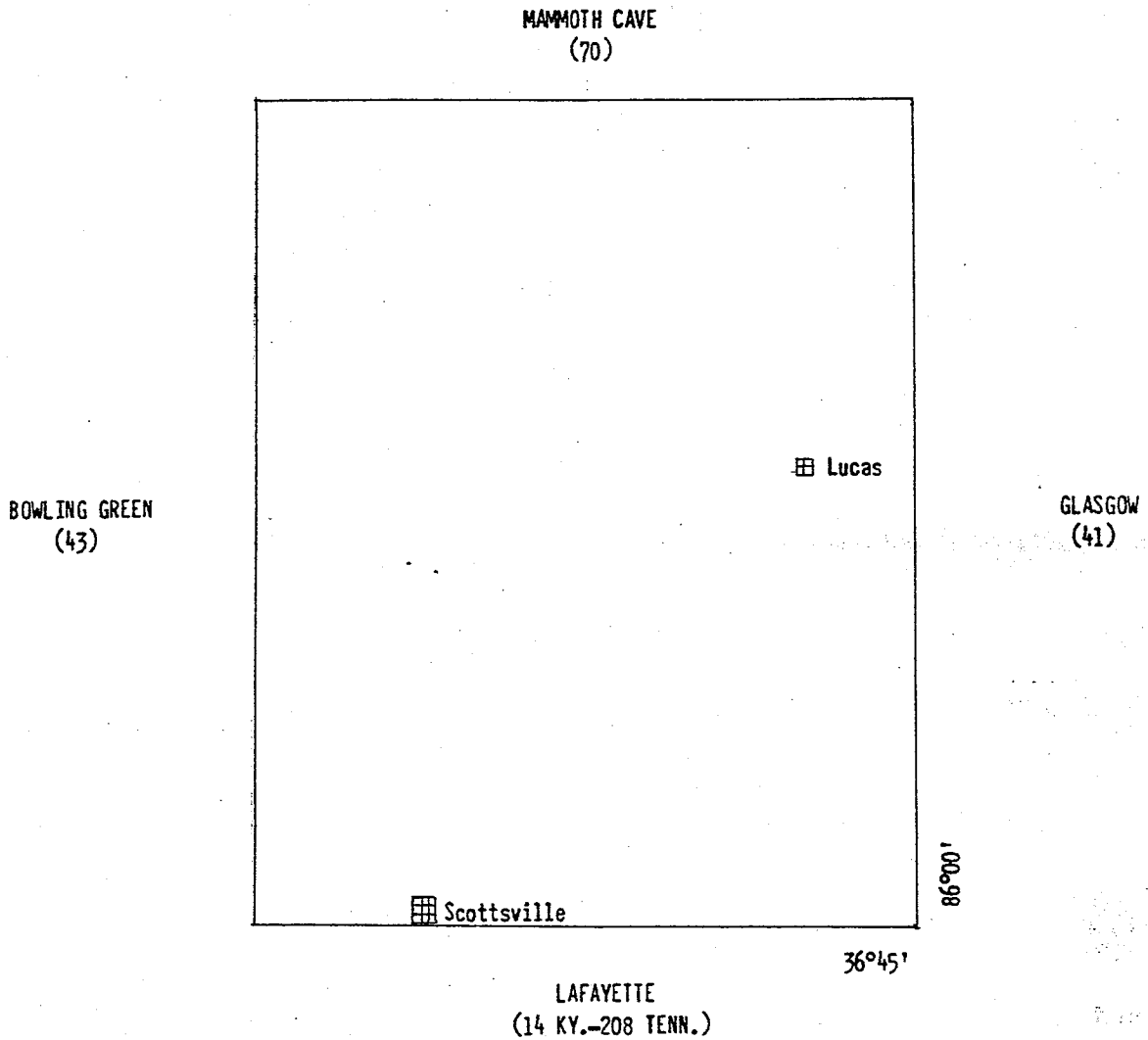
Allen, Barren, and Warren Counties

Edition of 8/3/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

42 KENTUCKY
SCOTTSVILLE QUADRANGLE

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TT 22 JRH 1952 789	4
TT 23 JRH 1952 792	4
5 RHP 1953 751 TT	5
9 RHP 1953 565 TT	5
12 RHP 1953 547 TT	5
17 RHP 1953 730 TT	6
18 RHP 1953 613 TT	5
19 RHP 1953 720 TT	5
 <u>NGS</u>	
H 63 1935	4

42 KENTUCKY
SCOTTSVILLE QUADRANGLE

36-086-31
3

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By B. H. Yoakum, 1919-20; Books A4937-38, C5161-63

Three Forks, 2.2 mi W. of, along Porter Road; in NE. corner of crossroads; on iron post; standard tablet stamped "PRIM TRAV STA NO 24 1919 KY 543" (Reported destroyed, 1953)

X = 1,855,499	Y = 227,596	36 57 26.74	86 14 40.35
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Lucas, 1.8 mi SE. of post office; 200 ft NW. of junction of T-rd. S.; 12 ft W. of Y-rd.; 35 ft W. of 40-in. beech tree; 1 ft E. of Tulip poplar tree; on iron post; standard cap stamped "PRIM TRAV STA NO 37 1919 W 27 23 716"

X = 1,923,974	Y = 198,727	36 52 43.98	86 00 35.72
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Gainesville, 3.0 mi N. of; 2.8 mi E. of Meador; 43 ft NW. of junction of T-rd. S.; 12 ft N. of gum tree; 2 ft S. of wire fence; on iron post; standard cap stamped "PRIM TRAV STA NO 38 1919 KY W 12 23"

X = 1,887,879	Y = 201,243	36 53 07.65	86 08 00.10
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Lucas, 2.6 mi NE. of; at Bruce; on E. side of hwy.; 150 ft S. of S. end of bridge over Skeggs Creek; 85 ft SE. of store of Frazier and Ralston; on E. side of main rd.; 2 ft from fence; on iron post; standard cap stamped "PRIM TRAV STA NO 13 1920 KY W 8 23" (Reported destroyed, 1953)

X = 1,924,759	Y = 212,370	36 54 58.91	86 00 26.52
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Rocky Hill, 3.5 mi E. of; 2.5 mi W. of Haywood; 0.5 mi SE. of ford across Beaver Creek; 20 ft N. and 10 ft E. of junction of rd. forks; on iron post; standard cap stamped "PRIM TRAV STA NO 14 1920 KY W 7 23"

X = 1,922,923	Y = 224,294	36 56 56.76	86 00 49.53
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Bon Ayr, 3.1 mi S. of; 2.0 mi W. of Beckton; 1.1 mi E. of Red Cross; 770 ft SW. of Old Zion Church; 45 ft NE. of crossroads; inside fence corner; N. and about opposite house of A. J. Johnson; on iron post; standard cap stamped "PRIM TRAV STA NO 15 1920 KY 5 MCM 1922" (Reported destroyed, 1953)

X = 1,907,546	Y = 236,393	36 58 55.93	86 03 59.47
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Railton; 12 ft S. of E.-W. rd.; in line with center of rd. N.; 45 ft SE. of SE. corner of store of Joe Mills; 40 ft E. of center of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 16 1920 KY 6 MCM 1922" (Reported destroyed, 1953)

X = 1,891,821	Y = 236,322	36 58 54.66	86 07 13.27
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Hydro, 2.0 mi W. of; 0.5 mi E. of Kepler; 600 ft S. of Mt. Zion Church; 20 ft N. and 25 ft E. of centerline of rd. at junction of T-rd. N.; 3 ft SW. of apple tree in corner of old orchard; on iron post; standard cap stamped "PRIM TRAV STA NO 17 1920 KY 7 MCM 1922 633" (Reported destroyed, 1953)

X = 1,871,426	Y = 233,708	36 58 27.95	86 11 24.48
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42 KENTUCKY
SCOTTSVILLE QUADRANGLE

36-086-11

4

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Beckton, 1.2 mi E. of; 0.5 mi W. of Beech Grove School; 25 ft S. of centerline of rd. at junction of T-rd. N.; 2 ft from fence corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 18 1920 KY W 6 23"

X = 1,922,123 Y = 238,114 36 59 13.39 86 00 59.87

By J. R. Harris, 1952; Book AH 262

Beckton, in NE. corner of concrete porch of Emerson's Store and service station; 32 ft N. of rd.; 1 ft S. and 1.5 ft W. of NE. edge of porch; 6-in. below porch level; on iron post; standard cap stamped "W 5 23 KY"

X = 1,916,525 Y = 237,119 36 59 03.39 86 02 08.83

Glasgow, 6.0 mi W. of post office, thence 1.5 mi S.; 1.7 mi S. of Beech Grove School; 23 ft E. of centerline of rd.; 300 ft W. of house; 47 ft N. of drive; 8 ft E. of fence corner; 1 ft S. of fence; in concrete post; standard tablet stamped "TI 19 JRH 1952 594"

X = 1,926,891 Y = 231,837 36 58 11.44 86 00 00.90

Lucas, 1.8 mi NE. of post office, along U. S. Highway 31E; 360 ft SW. of large tin-roofed barn; 28 ft N. of, and 1 ft lower than centerline of hwy.; 13 ft W. of farm lane; 2 ft S. of fence; in concrete post; NGS standard disk stamped "H 63 1935"

X = 1,921,551 Y = 210,731 36 54 42.61 86 01 05.96

Austin, 0.4 mi E. of, along State Highway 87, thence 1.8 mi N. along graveled rd.; on farm owned by Franklin Berry; 38 ft W. of centerline of rd.; 19.5 ft W. of 16-in. cedar tree; 4 ft N. of fence corner; in concrete post; standard tablet stamped "TI 21 JRH 1952 661"

X = 1,921,408 Y = 188,157 36 50 59.40 86 01 06.94

Austin, 0.4 mi E. of, along State Highway 87; 120 ft NW. of T-rd. N.; 10 ft E. of rd.; on edge of bank about 4 ft above rd.; in limestone post; standard tablet stamped "W 26 23 KY" (Not found, 1965)

X = 1,923,056 Y = 180,346 36 49 42.21 86 00 46.39

Austin, 1.7 mi SE. of, along State Highway 87, thence 3.4 mi WSW. along graveled rd.; 0.4 mi W. of Pleasant Home Church and Cemetery; 50 ft SE. of junction of T-rd. N.; 30 ft S. of centerline of rd.; 12 ft S. of fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "TI 22 JRH 1952 789" (Not found, 1965)

X = 1,922,067 Y = 163,332 36 46 53.94 86 00 57.97

Maynard, 5.3 mi E. of; 4.0 mi NW. of Fountain Run; 2.3 mi E. of Jacksons Store (at bridge over Barren River); at Capitol Hill Church; 225 ft N. of school; 130 ft NNW. of junction of rd.; 63 ft WNW. of centerline of rd.; 2 ft S. of SE. corner of Capitol Hill Church; in concrete post; standard tablet stamped "TI 23 JRH 1952 792"

X = 1,925,752 Y = 156,185 36 45 43.37 86 00 12.43

42 KENTUCKY
SCOTTSVILLE QUADRANGLE

36-086-11

5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Red Cross, 2.0 mi W. of; at Railton; 123 ft W. of, and level with crossroads; 14 ft N. of centerline of E.-W. rd.; 2 ft NW. of SE. corner fence corner post; in concrete post; standard tablet stamped "5 RHP 1953 751 TT"

X = 1,891,650	Y = 236,321	36 58 54.65	86 07 15.37
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Railton, 2.0 mi SW. of; 0.3 mi N. of Berry Store; 50 ft N. of, and 1 ft higher than centerline of rd. at junction of Y-rd. NW.; 2 ft S. of fence; in concrete post; standard tablet stamped "19 RHP 1953 720 TT"

X = 1,886,053	Y = 227,873	36 57 30.89	86 08 23.92
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Finney, 2.8 mi NW. of; 1.3 mi SE. of Berrys Store; 12 ft E. of, and 1 ft higher than centerline of rd.; in SW. corner of yard; in limestone outcrop; standard tablet stamped "18 RHP 1953 613 TT"

X = 1,888,413	Y = 221,081	36 56 23.83	86 07 54.51
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Finney; 2.8 mi NE. of Port Oliver Ford; 120 ft NW. of, and 1 ft lower than crossroads; 2 ft E. of E. corner of Hanging Fork Church; in concrete post; standard tablet stamped "17 RHP 1953 730 TT"

X = 1,896,067	Y = 212,144	36 54 55.75	86 06 19.82
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Lucas, 4.5 mi SW. of, along U. S. Highway 31E, thence 1.7 mi W.; 35 ft N. of crossroads; 80 ft E. of gum tree; 4 ft NE. of two mailboxes; 1 ft E. of fence corner; on iron post; standard cap stamped "W 11 23 KY 675 TT"

X = 1,894,707	Y = 191,037	36 51 27.00	86 06 35.57
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Polkville, 1.7 mi E. of; 2.4 mi W. of Kepler; 0.2 mi E. of Flat Rock Methodist Church; 23 ft N. and 20 ft E. of, and 5 ft higher than centerline of rd. at junction of T-rd. S.; 5 ft NE. of corner fence post; in concrete post; standard tablet stamped "9 RHP 1953 565 TT" (Reported disturbed, 1965)

X = 1,856,554	Y = 233,999	36 58 30.10	86 14 27.76
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Polkville, 1.7 mi E. of, thence 1.4 mi S.; 3.4 mi N. of Rock Springs; 33 ft S. and 23 ft W. of, and 1.5 ft higher than crossroads; 2 ft SW. of corner fence post; in concrete post; standard tablet stamped "12 RHP 1953 547 TT"

X = 1,855,413	Y = 227,584	36 57 26.62	86 14 41.41
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42 KENTUCKY
SCOTTSVILLE QUADRANGLE

36-086-11
6

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

MARK TIED BY NGS

By J. R. Harris, 1952; Book AH 262

Lucas; 225 ft NW. of post office; 73 ft W. of centerline of U. S. Highway 31E; in S. end of bottom step at Peters Creek Church; standard tablet stamped "W 9 23 KY"

X = 1,915,905.43 Y = 203,598.05

36 53 31.917

86 02 15.210