

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-086-32
LITTLE MUDDY QUADRANGLE
72 KENTUCKY
N3700-W8630/15
DIAGRAM NJ 16-8
EVANSVILLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

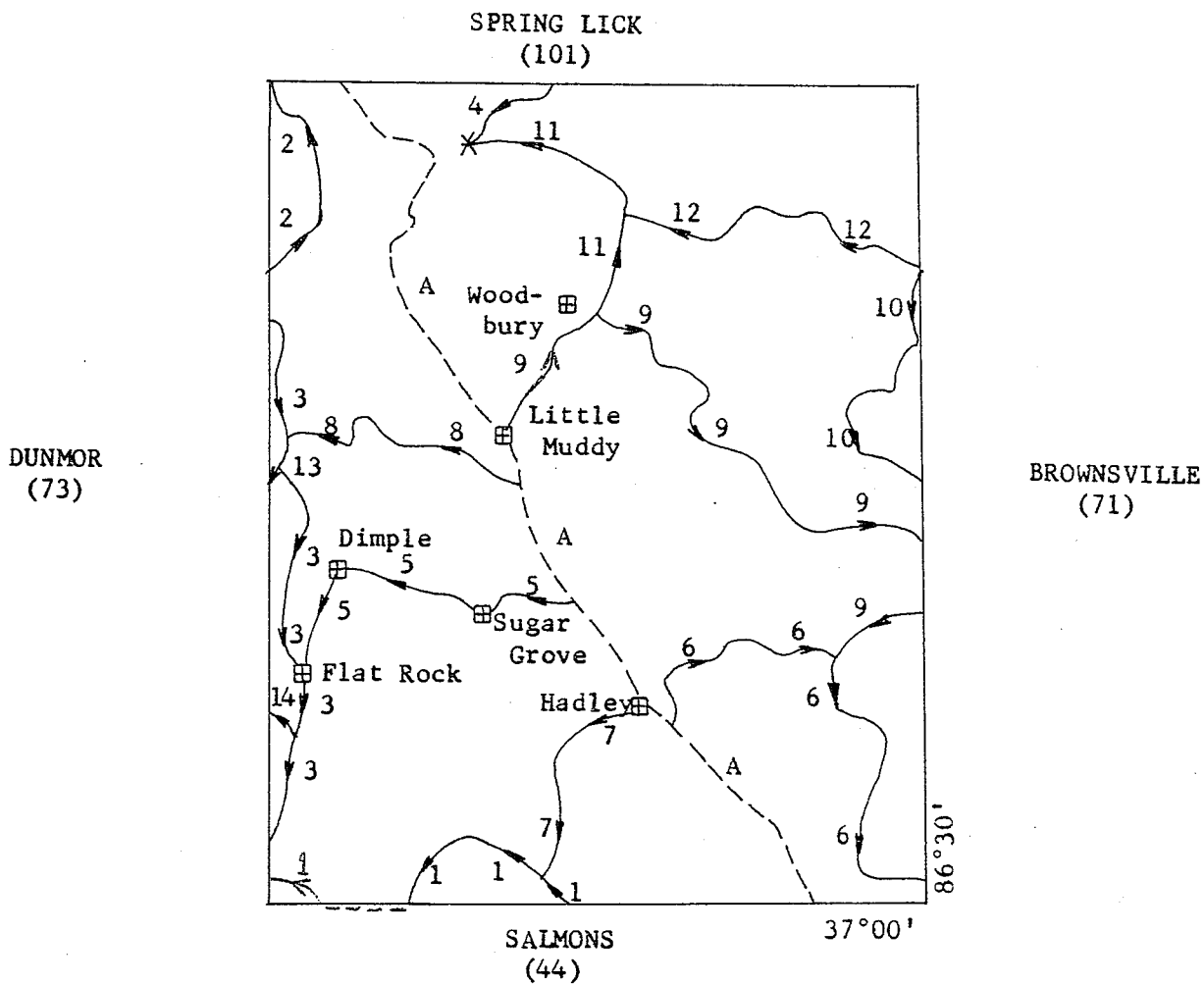
Butler, Logan and
Warren Counties

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

Final adjustment of 1972

Edition of 4/11/74

PR: CRV/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370863

*Tied to Isolated Control

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ISOLATED BENCH MARKS (By E. C. Bibbee, 1911; Book A8719; A8898)	<u>Feet</u>
Morgantown, 3.3. mi SW. of, in forks of Morgantown and Mining City Roads, 275 ft E. of Pleasant Rock Church; on iron post; standard cap stamped "614 KY" (Reported not found, 1953)	613.946
Morgantown, 2.9 mi NW. of, in front yard of High Hill School, 21 ft N. of public rd.; on iron post; standard cap stamped "635. KY" (Tied by NGS, 1935)	634.710
Morgantown, 2.8 mi S. of, at forks of Morgantown-Russellville and Morgantown-Bowling Green Roads; on iron post; standard cap stamped "428 KY" (Disturbed, 1973)	428.258
Dimple, 2.8 mi N. of, 1800 ft N. of church, in center of triangle, at junction of rds.; on iron post; standard cap stamped "PRIM TRAV STA NO 12 1909 597 KY" (Reported disturbed, 1953)	596.845
Dimple, 0.8 mi S. of, at building known as Brick House, in SW. corner of crossroads; on iron post; standard cap stamped "511 KY"	510.516
Davis Crossroads, at NE. corner of intersection of Russellville-Greenville and Bowling Green-Greenville Roads, 75 ft W. of residence of George Davis; on iron post; standard cap stamped "634 KY"	633.968
Cave Hill, 1.7 mi NW. of, 60 ft S. of residence of Dick Bailey, 300 ft N. of T-rd. W., on W. side of rd., in limestone ledge; standard tablet stamped "613 KY" (Reported destroyed, 1954)	612.473
Hadley, 125 ft E. of post office, in NE. corner of yard of Dr. Bush; on iron post; standard cap stamped "659 KY" (Reported destroyed, 1954)	658.458
Rockland, N. of post office; on top of hill; in front of Cole's Store; at SW. corner of T-rd. W.; on iron post; standard cap stamped "665 KY" (Reported destroyed, 1954)	664.565
Rockland, 2.4 mi N. of, in SW. corner of Bennett Chapel; on iron post; standard cap stamped "519 KY"	518.795
Little Muddy, 2.1 mi SE. of, on S. side of public rd., near Warren, Butler County line, 600 ft N. of residence of A. C. Chapmen; on iron post; standard cap stamped "458 KY"	457.489
Little Muddy, 300 ft S. of post office, in NE. corner of garden of C. M. Cole; on iron post; standard cap stamped "468 KY" (Recovered by NGS, 1935)	466.905

ISOLATED BENCH MARKS (Cont'd)Feet

Woodbury, about 0.5 mi E. of; 175 ft SE. of junction of Barren and Green Rivers; on property line on S. side of public rd.; in front of ferryman's residence; on iron post; standard cap stamped "412 KY" (Reported not found, 1953) 411.118

Johnson's Store, 30 ft N. of, in NE. corner of garden, at Y-rd.; on iron post; standard cap stamped "647 KY" (Reported not found, 1953) 646.292

Vineyard, 5.1 mi W. of, at SE. corner of Cedar Grove School yard; on iron post; standard cap stamped "642 KY" 642.175

LINE 1.

By J. J. Spahr, 1950; Book AV 184

New Gasper Church, 0.3 mi S. of, about 1.5 mi N. of Galloway Mill; at corner of wire fence; 20 ft N. of crossroads; on iron post; standard cap stamped "PRIM TRAV STA NO 8 1909 676 KY" 675.469

Richelieu, 470 ft SW. of T-rd. junction; 17 ft NW. and 1 ft lower than center of rd.; 2 ft N. of electric pole, in concrete post; standard tablet stamped "21 JJS 1950 598" 598.696

LINE 2.

By J. D. Nikolaus, 1951; Book AV 254

Dunbar, 2.1 mi NE. of; along State Highway 70; about 250 ft NW. of, and about 6 ft lower than center of rd.; at T-rd. NW.; about 100 ft S. of power transformer pole, in large sandstone outcrop; standard tablet stamped "52 JDN 1951 605 TT" 605.059

Dunbar, 2.1 mi NE. of along State Highway 70, thence N. along secondary rd. for 3.5 mi., 0.4 mi E. of Doolins Lake (formerly Galloway Lake), about 280 ft NE. of farmhouse of George Roman, about 82 ft SSE. of 48-in oak tree, in concrete post; standard tablet stamped "53 JDN 1951 427 TT" (Not found, 1973) 426.220

LINE 3.

By J. D. Nikolaus, 1951; Book AV 254

Dunbar, 2.1 mi SE. of, along graveled rd., about 267 ft NE. of bridge over creek; 21 st NW. to rd., 1 ft W. of fenceline; 26 ft SW. of telephone pole 644; in concrete post; standard tablet stamped "42 JDN 1951 412 TT" 411.263

LINE 3. (Cont'd)Feet

Morgantown, 2.9 mi SSW. of business district, along U.S. Highway 231 and State Highway 79 to where Highway 231 bears left, thence 4.3 mi S. along State Highway 79 to graveled rd. right, thence 1.4 mi W. along graveled rd. to old store in Leetown and graveled T-rd. right, thence 0.6 mi straight ahead (SW.) on graveled rd. to T-rd. left; 45 ft E. of centerline of graveled rd.; 34 ft N. of centerline of graveled rd.; 26 ft NW. of 15-in white oak tree; 2 ft W. of post in E.-W. fenceline; in concrete post projecting 0.7 ft; standard tablet stamped "TT 43 JDN 1951 RESET 1968"	636.068
Leetown, 2.9 mi S. of along graveled rd.; 16 ft N. and 11 ft W. of rd. forks; 2 ft S. of corner fence post; in SE. corner of field, in concrete post; standard tablet stamped "44 JDN 1951 TT"	502.272
Flat Rock, about 1.0 mi NW. of along secondary rd., 58 ft N., 30 ft W. and about 2 ft higher than center of secondary rd. at private cross-lanes, about 8 ft NE. and about level with center of rd., in limestone outcrop; standard tablet stamped "45 JDN 1951 561 TT"	560.452
Davis Crossroads, 10 ft N. and 50 ft E. of intersection, 20 ft NE. of stop sign, in concrete post; standard tablet stamped "TT 39 HF 1950 632"	631.110
Davis Crossroads, 2.0 mi S. of along State Highway 105, about 250 ft N. of Logan-Butler County lines, 6 ft N. and 28 ft E. of T-driveway E. to house, 3 ft NW. of corner fence post, in concrete post; standard tablet stamped "46 JDN 1951 549" (Reported destroyed, 1973)	548.229
Davis Crossroads, 2.0 mi S. of along State Highway 105, 615 ft NE. of Logan-Butler County line, 31 ft E. of center of highway, in concrete post; standard tablet stamped "TT 40 HF 1950 570"	569.026

LINE 4.

By J. D. Nikolaus, 1951; Book AV 254

Morgantown, 2.6 mi NE. of, 27 ft N., 11 ft W. and 5 ft above T-rd. N., 35 ft NE. of wooden bridge, in concrete post; standard tablet stamped "26 JDN 1951 404"	403.620
Morgantown, in NW. corner of courthouse yard; on iron post; standard cap stamped "573 KY" (Tied by NGS, 1935)	572.338

FeetLINE 5.

By W. S. Monk, 1953; Book AV 346

"N 120 1940" (NGS)	617.020
Sugar Grove Methodist Church, 0.3 mi N. of, 30 ft W. of rd. opposite T-rd. E., at school, in concrete post; standard tablet stamped "21 WSM 1953 482"	482.186
Sugar Grove Methodist Church, 2.4 mi NW. of, 25 ft S. and 45 ft E. of, and 3.0 ft above junction rd. S., in concrete post; standard tablet stamped "22 WSM 1953 490"	489.427
Reference mark, 40 ft W. of tablet, on rock ledge on E. side of rd. S.; chiseled square	486.16
U. E., Dimple, 230 ft N., 15 ft E. and about 2 ft above junction of rd. E., on concrete headwall of culvert; chiseled square	503.40
Dimple, 1.0 mi S. of, 3.2 mi NE. of Davis Crossroads, 160 ft S. of residence on W. side of rd., 18 ft W. of Morgantown-Russellville Road, in center of concrete headwall of culvert; standard tablet stamped "23 WSM 1953 521"	520.753
Reference mark, 35 ft E. of tablet, on concrete headwall of culvert; chiseled square	520.28

LINE 6.

By W. S. Monk, 1953; Book AV 346

"X 73 1935" (NGS) (Reported destroyed, 1973)	679.953
Hadley, on grounds of First Methodist Church, 265 ft SW. of center of State Highway 71, 55 ft E. of NE. corner of church, 28 ft NW. of center of dirt rd., 6 ft SW. of 18-in hickory tree, in concrete post; NGS standard triangulation station disk stamped "HADLEY 1952"	679.873
Azimuth mark, 0.15 mi NE. of station, 18 ft W. of center of gravel rd., 3 ft SW. of gatepost, 1 ft N. of white witness post, in concrete post; NGS standard azimuth disk stamped "HADLEY 1952"	685.020
Hadley, 2.0 mi NE. of post office, along road to Sweatman Ferry (now abandoned), 40 ft N. and 15 ft E. of junction of rd. to ferry and rd. to residence of Mr. Sweatman, 90 ft S. of gate, about 900 ft SW. of residence, in concrete post; standard tablet stamped "15 WSM 1953 634"	633.517

LINE 6. (Cont'd)Feet

Hall Chapel Church, 0.6 mi W. of, 30 ft S. of centerline of rd.; 20 ft N. of rd.; 350 ft E. of drive to Hightower residence; 20 ft W. of fence corner; 2 ft E. of E. gate post; in concrete post; standard tablet stamped "16 WSM 1953 668"	667.826
U. E., Hall Chapel Church, 0.5 mi SE. of, 230 ft N. and 42 ft E. of junction of Y-rds. NE., on sandstone outcrop 6.0 ft lower than rd. forks; chiseled square	678.58
Hall Chapel Church, 1.7 mi SE. of, 1.5 mi NW. of Barren River Church, 25 ft N., 60 ft W. and 1 ft above Y-rd. forks, in concrete post; standard tablet stamped "17 WSM 1953 719" (Not found, 1973)	718.501
Greencastle, 3.4 mi S. of, in forks of pike, 0.4 mi N. of Barren River Church; on iron post; standard cap stamped "669 KY"	668.286
Reference mark, 70 ft NE. of tablet, on E. edge of drive to residence, on limestone outcrop; chiseled square	669.57
Barren River Church, 50 ft N. and 100 ft E. of Y-rd. forks, 2.5 ft W. of NW. corner of church, in concrete post; standard tablet stamped "18 WSM 1953 721" (Not found, 1973)	720.973
Greencastle, 5.6 mi S. of, on N. side of rd., in corner of field at T-rd. S., 300 ft NE. of residence of Grunda Davison; on iron post; standard cap stamped "740 KY" (Not found, 1973)	740.288
Barren River Church, 3.2 mi S. of, 20 ft N. and 250 ft E. of junction of drive to residence of Mr. Church and rd., in concrete post; NGS standard triangulation disk stamped "CHURCH 1952"	765.380
Reference mark, 110 ft W. of station, in concrete post; NGS standard reference mark disk stamped "CHURCH NO 2 1952"	762.976
Barren River Church, 3.5 mi S. of, 20 ft W. of rd., in concrete post; NGS standard azimuth disk stamped "CHURCH 1952"	755.898
Barren River Church, 4.3 mi S. of, 180 ft W. of junction of Y-rd. N., 15 ft S. of Prices Chapel Road, 40 ft W. of dim rd. S., at drain crossing, in center of concrete headwall of culvert; standard tablet stamped "19 WSM 1953 544" (Reported destroyed, 1973)	544.292
Reference mark, 180 ft N. of tablet, 50 ft N. and 15 ft W. of SW. fork of Y-rd. N., on limestone outcrop; chiseled square	548.77

LINE 7.Feet

By W. S. Monk, 1953; Book AV 346

"X 73 1935" (NGS) (Reported destroyed, 1973) (Also in line 6) 679.953

Hadley, 2.3 mi SW. of, along graveled rd. to Belcher Creek; 263 ft ENE. of creek; 183 ft ENE. of graveled rd. and drive intersection SE.; 48 ft E. of blazed 24-in beech tree; 35 ft SE. of beech tree; 35 ft SE. of blazed 18-in sycamore tree; 18 ft S. of center of gravel rd.; cemented in drill hole in limestone ledge outcrop of rock about 4 ft above level of rd.; standard tablet stamped "TT 20 WSM 1953 RESET 1972" 449.756

Mars Hill Church, 0.5 mi W. of, 1.2 mi NW. of Cohron Post Office, 30 ft S. of hwy., 80 ft NE. of NW. corner of residence of Joe Sweatt; on iron post, standard cap stamped "662 KY" 661.701

Cedar Bluff Baptist Church, 2.2 mi NW. of, 1.7 mi NW. of steel girder bridge over Gasper River, 108 ft NE. of fence corner, 14 ft SE. of fenceline, in center of old abandoned rd., in concrete post; standard tablet stamped "TT 8 1909 NO 2 HF 1950 674" 673.435

"PRIM TRAV STA NO 8 KY 1909" (Described in line 1) 675.469

LINE 8.

By W. S. Monk, 1953; Book AV 346

"P 120 1940" (NGS) 467.689

Little Muddy, 2.3 mi W. of, 860 ft E. of Carson Bridge, 14 ft N. and 50 ft E. of small steel girder bridge crossing drain, on bank 2.0 ft above rd., in concrete post; standard tablet stamped "24 WSM 1953 421" 420.307

Little Muddy, 5.0 mi W. of, 5.7 mi N. of Davis Crossroads, 30 ft s., 30 ft W. and about level with junction of State Highway 105 and rd. W., in concrete post; standard tablet stamped "25 WSM 1953 658" 657.948

"TT 43 JDN 1951 RESET 1968" (Described in line 3) 636.068

LINE 9.

By W. S. Monk, 1953; Book AV 346

"Q 120 1940" (NGS) 428.972

LINE 9. (Cont'd)Feet

Needmore, 2.2 mi NW. of along U. S. Highway 231, thence 1.5 mi NE. along dirt rd., 27 ft N. and 21 ft E. of center of rd., at E. end of steel and wooden bridge over creek, 15 ft NW. of center of rd., 2 ft SE. of picket fence, in concrete post; standard tablet stamped "TT 1 TWC 1953 407"	406.722
Woodbury, 0.6 mi E. of, along graveled rd. to ferry crossing, at junction of Green and Barren River, 40 ft N. of junction of dim Y-rds., in concrete post; standard tablet stamped "TT 2 TWC 1953 410"	410.286
Woodbury, 24 ft W. of E. end of USED Lock #4 on Green River; USED standard disk not stamped	404.745
Woodbury, on U. S. Reservation at Green River Lock and Dam No. 4, on slope at end of lower guide wall, about 45 ft downhill from lumber warehouse; iron pipe set in concrete base (designated USED, BM #150)	416.850
Woodbury, 1.8 mi SE. of, 70 ft S., 18 ft W. and 4 ft below junction of State Highway 263 and rd. S. to Ben Leo, in concrete post; standard tablet stamped "26 WSM 1953 555"	555.082
Woodbury, 3.5 mi SE. of, 0.5 mi E. of Pisgah M. E. church, 35 ft N., 80 ft W. and about 4.0 ft lower than junction of State Highway 263 and rd. S., in concrete post; standard tablet stamped "27 WSM 1953 421"	420.732
Woodbury, 5.1 mi SE. of, 1.9 mi N. thence 0.9 mi W. of Ben Leo, 300 ft E. of residence of L. C. White, 15 ft S. of rd., 5 ft W. of field rd. N., in concrete post about level with rd.; standard tablet stamped "28 WSM 1953 709"	709.184
Ben Leo, 2.6 mi N. thence 3.0 mi W. of Greencastle, 13 ft S. and 40 ft E. of T-rd. N., in concrete headwall of culvert about level with rd. junction; standard tablet stamped "29 WSM 1953 552"	551.600
Reference mark, 20 ft N. of tablet, on concrete culvert; chiseled square	551.91
Greencastle, 2.6 mi N. thence 0.4 mi W. of, at crossing of Hudnel Creek, 15 ft S. of rd., in center of concrete headwall of culvert; standard tablet stamped "30 WSM 1953 497"	496.849
Reference mark, 40 ft N. of tablet, center of concrete headwall of culvert; chiseled square	497.07
Greencastle, 0.5 mi E. of, 110 ft N., 23 ft W. and about 14 ft above T-rd. N., in limestone ledge; standard tablet stamped "31 WSM 1953 492"	491.907

LINE 9. (Cont'd)Feet

Reference mark, 40 ft S. of tablet, 70 ft N. and 15 ft W. of rd.
junction, on limestone ledge; chiseled square 487.88

/Jogs into Brownsville quadrangle/

Richardsville, 3.2 mi NW. of, along State Highway 263 to T-rd. S.
thence 1.6 mi S.; 135 ft N. of, 75 ft E. of crossroads; 1 ft
N. of power line junction pole #113, in concrete post, standard
tablet stamped "TT 9 TWC 1953 617" 616.981

Greencastle, 2.0 mi SW. of; 0.5 mi E., thence 0.9 mi NE. of Hall
Chapel Church; 20 ft N. and 45 ft W. of, and about level with
junction with rd. NE.; in concrete post; standard tablet stamped
"32 WSM 1953 678" (Not found, 1973) 677.758

U. E., chiseled square (Described in line 6) 678.58

LINE 10.

By W. S. Monk, 1953; Book AV 346

Greencastle, 4.1 mi N. of, 3.5 mi NW. of Richardsville, 27 ft N.
of State Highway 263, in center line and 1.0 ft lower than T-rd.
S., in concrete post; standard tablet stamped "33 WSM 1953 601" 600.406

Richardsville, 5.3 mi NW. of, 95 ft N. and 20 ft W. of junction of
rd. NW. to Warren County T.B. Sanatorium, in concrete post;
NGS standard azimuth disk stamped "WARREN 1952" 727.844

Richardsville High School, 5.5 mi W. of, along State Highway 263,
thence 0.7 mi N. of, 14 paces N. of rd. leading to sanatorium,
20 paces NE. of gravel crossroads, 150 yards SW. of sanatorium,
in concrete post; NGS standard triangulation disk stamped
"WARREN 1952" 755.343

Reference mark, 110 ft W. of tablet; NGS standard triangulation
reference disk stamped "WARREN NO 2 1952" 752.394

Warren County T. B. Sanatorium, 1.5 mi NW. of along gravel rd. to
wooden bridge over Lost Creek, 51 ft E. of center of bridge,
5 ft S. of main stream, 23 ft N. and 18 ft E. of junction of
driveway SW., in concrete post; standard tablet stamped
"TT 8 TWC 1953 424" 423.863

Reference mark, on SW. stone abutment of bridge crossing Lost
Creek; chiseled square 424.15

LINE 11.Feet

By W. S. Monk, 1953; Book AV 346

"TT 2 TWC 1953 410" (Described in line 9)	410.286
Leonard Oak Church, 2.1 mi N. along graveled rd. from Woodbury Ferry, 88 ft S. of Y-rd., 47 ft N. of church, between two 10-in hickory trees, in concrete post; standard tablet stamped "TT 3 TWC 1953 649"	648.739
Morgantown, 3.2 mi NE. of, across ferry and along graveled rd., 36 ft N. and 26 ft E. of T-rd., 3 ft E. of wire fence, in concrete post; standard tablet stamped "TT 4 TWC 1953 598" (Not found, 1973)	597.373
Reference mark, 50 ft NW. of tablet, 50 ft N. and 12 ft E. of rd. junction, on stone headwall of culvert; chiseled square	598.25
Morgantown, 0.8 mi NE. of, across ferry and along graveled rd., 14 ft N. and 27 ft E. of center of T-rd., 24 ft E. of abandoned well, 27 ft E. of center of mud rd., in top of N. headwall of sandstone culvert; standard tablet stamped "TT 5 TWC 1953 412" (Destroyed, 1973)	411.994

LINE 12.

By W. S. Monk, 1953; Book AV 346

Threlkel, 2.7 mi E. of along abandoned Threlkel-Woodbury Road, 3.2 mi S. of Jetson, 25 ft N., 30 ft W. of and about 5.0 ft above crossroads, in center line with tangent rd. E., in concrete post; standard tablet stamped "36 WSM 1953 620"	620.372
Jetson, 3.2 mi S. thence 0.9 mi W. of, 500 ft E. of crossing of Bull Creek, 50 ft S. of old Threlkel-Woodbury Road, 18 ft E. of dim trail S., in concrete post; standard tablet stamped "37 WSM 1953 424"	424.157
Jetson, 3.2 mi S., thence 3.4 mi W. of, along old Threlkel-Woodbury Road, 2.4 mi E. of Leonard Oak Church, 50 ft N., 40 ft S. and 3 ft above Y-rd. fork, 100 ft W. of NW. corner of Waverly School, in concrete post; standard tablet stamped "38 WSM 1953 589"	589.364
"TT 3 TWC 1953 649" (Described in line 11)	648.739

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-086-32
LITTLE MUDDY QUADRANGLE
72 KENTUCKY
N3700-W8630/15
DIAGRAM NJ 16-8
EVANSVILLE

Butler, Logan, and Warren Counties

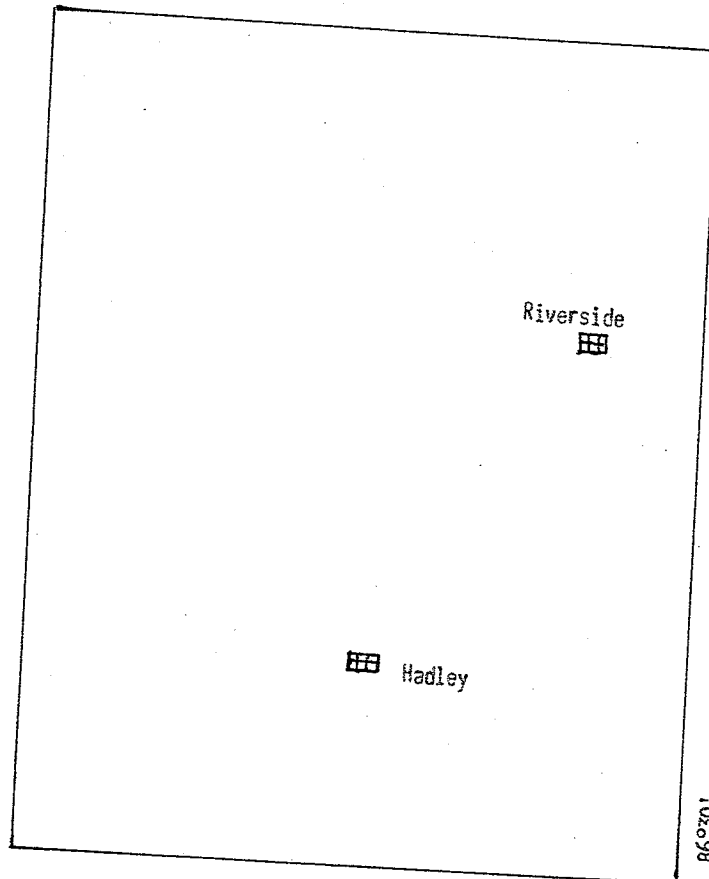
Edition of 6/17/77

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

SPRING LICK
(101)



DUNMOR
(73)

BROWNSVILLE
(71)

SALMONS
(44)

37°00'

105.98

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.

72 KENTUCKY
LITTLE MUDDY QUADRANGLE

37-086-32
H3700-W8630/15

MARK (USGS)

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72 KENTUCKY
LITTLE MUDDY QUADRANGLE

37-086-32
3

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.
By C. B. Kendall, 1909; Book C1374

Dimple, 2.8 mi N. of; 0.3 mi N. of church; in center of triangle at rd. junction; on iron post; standard cap stamped "PRIM TRAV STA NO 12 1909 KY" (Reported disturbed, 1953)

X = 1,718,041 Y = 297,428

37 08 46.70

86 43 02.60

By H. P. Finch, 1950; Book AH 178

New Gasper Church, 0.3 mi S. of, about 1.5 mi N. of Galloway Mill; at corner of wire fence; 20 ft N. of crossroads; on iron post; standard cap stamped "PRIM TRAV STA NO 8 1909 676 KY"

X = 1,737,939 Y = 246,907

37 00 29.12

86 38 50.96

Cedar Bluff Baptist Church, 2.2 mi NW. of; 1.7 mi NW. of steel bridge over Gasper River; 108 ft NE. of fence corner; 14 ft SE. of fenceline in center of old abandoned rd.; in concrete post; standard tablet stamped "TT 8 1909 NO 2 HF 1950 674"

X = 1,738,014 Y = 246,982

37 00 29.87

86 38 50.05

Sharer, 1.6 mi S. of; 1.2 mi NW. of new Gasper Missionary Baptist Church; 23 ft E. of I-rd. W.; 6 ft SW. of fence corner; in concrete post; standard tablet stamped "TT 37 HF 1950"

X = 1,730,866 Y = 254,873

37 01 47.21

86 40 19.12

Davis Crossroads, 1.8 mi SE. of; 135 ft E. of large oak tree in SE. corner of cemetery; 32 ft N. and 59 ft E. of Y-rd. SE.; 25 ft N. of centerline of rd.; 7 ft N. of 24-in. locust tree; in concrete post; standard tablet stamped "TT 38 HF 1950"

X = 1,717,701 Y = 258,830

37 02 25.03

86 43 01.97

Davis Crossroads; at NE. corner of intersection of Russellville-Greenville and Bowling Green-Greenville Roads; 75 ft W. of residence of George Davis; on iron post; standard tablet stamped "634 KY"

X = 1,710,821 Y = 262,867

37 03 04.24

86 44 27.34

Davis Crossroads, 10 ft N. and 50 ft E. of intersection of crossroads; 20 ft NE. of stop signpost; in concrete post; standard tablet stamped "TT 39 HF 1950 632"

X = 1,710,669 Y = 262,930

37 03 04.85

86 44 29.23

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

OBSOLETE MARKS (Cont'd.)

Davis Crossroads, 2.0 mi S. of; along State Highway 105; 615 ft NE. of Logan-Butler County line; 31 ft E. of centerline of hwy.; in concrete post; standard tablet stamped "TT 40 HF 1950 570"

X = 1,708,713 Y = 253,732 37 01 33.70 86 44 52.16

By J. R. Harris, 1951; Book AH 222

Dunbar, 2.1 mi NE. of, along State Highway 70, thence 3.5 mi N. along secondary rd.; 0.4 mi E. of Doolins Lake (formerly Galloway Lake); 280 ft NE. of farmhouse of George Roman; 82 ft SSE. of 48-in. oak tree; in concrete post; standard tablet stamped "53 JDN 1951 427 TT" (Not found, 1973)

X = 1,709,517 Y = 327,958 37 13 47.68 86 44 51.91

Dunbar, 2.1 mi NE. of, along State Highway 70; 250 ft NW. of, and 6 ft lower than T-rd. NW.; 100 ft S. of power transformer pole; in large sandstone outcrop; standard tablet stamped "52 JDN 1951 605 TT"

X = 1,714,253 Y = 319,967 37 12 29.16 86 43 52.34

Dunbar, 2.1 mi SE. of, along graveled rd.; about 267 ft NE. of bridge over creek; 21 ft NW. of centerline of rd.; 1 ft W. of fenceline; 26 ft SW. of telephone pole 644; in concrete post; standard tablet stamped "42 JDN 1951 412 TT"

X = 1,709,364 Y = 304,414 37 09 54.88 86 44 50.73

Morgantown, 2.9 mi SSW. of business district, along U. S. Highway 231 and State Highway 79 to where Highway 231 bears left, thence 4.3 mi S. along Highway 79 to graveled rd. right, thence 1.4 mi W. along graveled rd. to old store in Leetown and graveled T-rd. right, thence 0.6 mi straight ahead (SW.) on graveled rd. to T-rd. left; 45 ft E. of centerline of graveled rd.; 34 ft N. of centerline of graveled rd.; 26 ft NW. of 15-in. white oak tree; 2 ft W. of post in E.-W. fenceline; in concrete post projecting 0.7 ft; standard tablet stamped "TT 43 JDN 1951 RESEY 1968"

X = 1,709,295 Y = 292,576 37 07 57.83 86 44 50.04

Leetown, 2.9 mi S. of, along graveled rd.; 16 ft N. and 11 ft W. of rd. forks; 2 ft S. of corner fencepost; in SE. corner of field; in concrete post; standard tablet stamped "44 JDN 1951 503 TT"

X = 1,710,909 Y = 282,551 37 06 18.87 86 44 28.81

Flat Rock, 1.0 mi NW. of, along secondary rd.; 58 ft N. and 30 ft W. of, and 2 ft higher than centerline of rd. at private crossroads; 8 ft NE. of, and level with centerline of rd.; in sandstone outcrop; standard tablet stamped "45 JDN 1951 561 TT"

X = 1,710,141 Y = 272,924 37 04 43.61 86 44 37.05

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

OBSOLETE MARKS (Cont'd.)

Morgantown, 2.6 mi NE. of; 27 ft N. and 11 ft W. of, and 5 ft higher than I-rd. N.; 35 ft NE. of wooden bridge; in concrete post; standard tablet stamped "26 JDN 1951 404 TT"

X = 1,737,131 Y = 332,679 37 14 37.11 86 39 11.04

By T. W. Cayce, 1953; Book AH 314

Mars Hill Church, 0.5 mi W. of; 1.2 mi NW. of Cohron Post Office; 30 ft S. of hwy.; 80 ft NE. of NW. corner of residence of Joe Sweatt; on iron post; standard cap stamped "662 KY TT"

X = 1,739,346 Y = 256,933 37 02 08.38 86 38 34.80

Hadley, 2.3 mi SE. of, along graveled rd. to Belcher Creek; 263 ft ENE. of creek; 182 ft ENE. of graveled rd. and drive intersection SE.; 48 ft E. of blazed 24-in. beech tree; 35 ft SE. of beech tree; 35 ft SE. of blazed 18-in. sycamore tree; 18 ft S. of center of graveled rd.; cemented in drill hole in limestone ledge outcrop of rock, about 4 ft above level of rd.; standard tablet stamped "TT 20 WSM 1953 RESET 1972"

X = 1,741,272 Y = 260,748 37 02 46.28 86 38 11.48

Hadley; at NE. corner of post office yard; 66 ft NW. of pole; 56 ft S. of centerline of U. S. Highway 231; 4 ft W. of N.-S. fence; 1 ft N. of E.-W. fence; 2 ft higher than hwy.; in concrete post; NGS standard disk stamped "W 73 1935"

X = 1,746,522 Y = 271,656 37 04 34.61 86 37 07.96

Hadley, 1.4 mi NW. of post office, along U. S. Highway 231; 0.2 mi E. of Butler-Warren County line; 16 ft S. of centerline of hwy.; in E. end of headwall of concrete culvert; NGS standard disk stamped "N 120 1940"

X = 1,742,176 Y = 277,748 37 05 34.45 86 38 02.29

Needmore; 185 ft NE. of junction of side rd.; 153 ft NE. of NE. corner of J. S. Barkley store; 41 ft N. of centerline of drive to abandoned store; 27 ft NE. of centerline of U. S. Highway 231; 6 ft NW. of pole; in concrete post; NGS standard disk stamped "U 73 1935"

X = 1,737,189 Y = 284,473 37 06 40.48 86 39 04.63

Needmore, 1.0 mi NW. of, along U. S. Highway 231; opposite farmhouse; 68 ft NW. of drive to farm; 14 ft NE. of centerline of hwy.; in W. end of N. headwall of concrete culvert; NGS standard disk stamped "P 120 1940"

X = 1,736,160 Y = 289,904 37 07 34.08 86 39 17.98

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

OBSOLETE MARKS (Cont'd.)

Needmore, 1.9 mi NW. of, along U. S. Highway 231; 333 ft SE. of SE. corner of residence of R. E. Haines; 28 ft W. of centerline of hwy.; 27 ft SE. of SE. one of two drives to farm; 2 ft E. of corner fence post; 3 ft higher than hwy.; in concrete post; NGS standard disk stamped "T 73 1935"

X = 1,735,846 Y = 294,241 37 08 16.93 86 39 22.36

Needmore, 2.2 mi NW. of, along U. S. Highway 231, thence 1.5 mi NE. along dirt rd.; 27 ft N. and 21 ft E. of centerline of rd. at E. end of steel and wooden bridge over creek; 15 ft NW. of centerline of rd.; 2 ft SE. of picket fence; in concrete post; standard tablet stamped "TT 1 TWC 1953 407"

X = 1,738,596 Y = 301,548 37 09 29.44 86 38 49.26

Woodbury, 0.6 mi E. of, along graveled rd. to ferry crossing; at junction of Green and Barren Rivers; 40 ft N. of dim V-rd. junction; in concrete post; standard tablet stamped "TT 2 TWC 1953 410"

X = 1,745,437 Y = 309,547 37 10 49.16 86 37 25.67

Leonard Oak Church; 2.1 mi N. of Woodbury Ferry, along graveled rd.; 88 ft S. of junction of V-rd.; 47 ft N. of church; between two 10-in. hickory trees; in concrete post; standard tablet stamped "TT 3 TWC 1953 649"

X = 1,748,480 Y = 319,937 37 12 32.17 86 36 49.24

Morgantown, 3.2 mi NE. of, across ferry and along graveled rd.; 36 ft N. and 26 ft E. of junction of T-rd.; 3 ft E. of wire fence; in concrete post; standard tablet stamped "TT 4 TWC 1953 598" (Not found, 1973)

X = 1,742,606 Y = 326,108 37 13 32.65 86 38 02.56

Morgantown, 0.8 mi NE. of, across ferry and along graveled rd. to T-rd.; 14 ft N. and 27 ft E. of centerline of rd.; 24 ft E. of abandoned well; 27 ft E. of centerline of dirt rd.; in N. headwall of sandstone culvert; standard tablet stamped "TT 5 TWC 1953 412" (Reported destroyed, 1973)

X = 1,732,362 Y = 327,885 37 13 49.25 86 40 09.43

Warren County T. B. Sanitorium, 1.5 mi NE. of, along graveled rd. to wooden bridge over Lost Creek; 51 ft E. of center of wooden bridge; 23 ft N. and 18 ft E. of driveway SW.; 5 ft S. of main stream; in concrete post; standard tablet stamped "TT 8 TWC 1953 424"

X = 1,779,115 Y = 304,492 37 10 02.05 86 30 29.03

Greencastle, 4.1 mi N. of; 3.5 mi NW. of Richardsville; 27 ft N. of State Highway 263; on extended centerline of, and 1 ft lower than T-rd. S.; in concrete post; standard tablet stamped "33 WSM 1953 601 TT"

X = 1,778,032 Y = 291,797 37 07 56.45 86 30 41.14

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

OBSOLETE MARKS (Cont'd.)

Richardsville, 3.2 mi NW. of, along State Highway 263 to T-rd. S., thence 1.6 mi S.; 135 ft N. and 75 ft E. of crossroad; 1 ft N. of powerline junction pole 113; in concrete post; standard tablet stamped "TT 9 TWC 1953 617"

X = 1,780,711 Y = 284,963 37 06 49.09 86 30 07.39

Greencastle, 2.0 mi SW. of; 0.5 mi E. & 0.9 mi NE. of Hall Chapel Church; 20 ft N. and 45 ft W. of junction of Greencastle Road and rd. NE.; in concrete post; standard tablet stamped "32 WSM 1953 678 TT" (Not found, 1973)

X = 1,774,376 Y = 274,142 37 05 01.59 86 31 24.50

Hall Chapel Church, 1.7 mi SE. of; 1.5 mi NW. of Barren River Church; 25 ft N. and 60 ft W. and 1 ft above Y-rd. forks; in NW. angle of rd. forks; in concrete post; standard tablet stamped "17 WSM 1953 719 TT" (Not found, 1973)

X = 1,770,694 Y = 264,959 37 03 30.49 86 32 09.00

Greencastle, 3.4 mi S. of; 0.4 mi N. of Barren River Church; opposite barn on E. side of rd.; on iron post; standard cap stamped "669 KY TT"

X = 1,775,600 Y = 263,435 37 03 15.82 86 31 08.32

Barren River Church; 50 ft N. and 100 ft E. of Y-rd. forks; 2.5 ft W. of NW. corner of church; in concrete post; standard tablet stamped "18 WSM 1953 721 TT" (Not found, 1973)

X = 1,776,254 Y = 261,519 37 02 56.93 86 31 00.06

Greencastle, 5.6 mi S. of; on N. side of rd.; in corner of field at T-rd. S.; 300 ft NE. of residence of Grunda Davison; on iron post; standard cap stamped "740 KY" (Not found, 1973)

X = 1,773,718 Y = 253,625 37 01 38.67 86 31 30.54

Barren River Church, 4.3 mi S. of; 180 ft W. of Y-rd. N.; 40 ft W. of dim rd. S.; 15 ft S. of Prices Chapel Road; at drain crossing; in center of concrete headwall of culvert; standard tablet stamped "19 WSM 1953 544 TT" (Reported destroyed, 1973)

X = 1,777,144 Y = 245,180 37 00 15.45 86 30 47.46

MARK TIED BY NGS

By N. P. Finch, 1950; Book AH 178

Davis Crossroads, 2.4 mi SE. of, thence 0.6 mi N. along private rd. to second high ridge locally known as Peach Orchard Knob; 80 ft S. of highest point of knob; in triangle formed by three trees painted "PBM"; in concrete post; standard tablet stamped "TT 41 HF 1950"

X = 1,722,467.19 Y = 259,576.53 37 02 32.889 86 42 03.279