

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-084-12
KINGSTON QUADRANGLE
119 KENTUCKY
N3730-W8400/15
DIAGRAM NJ 16-9
WINCHESTER

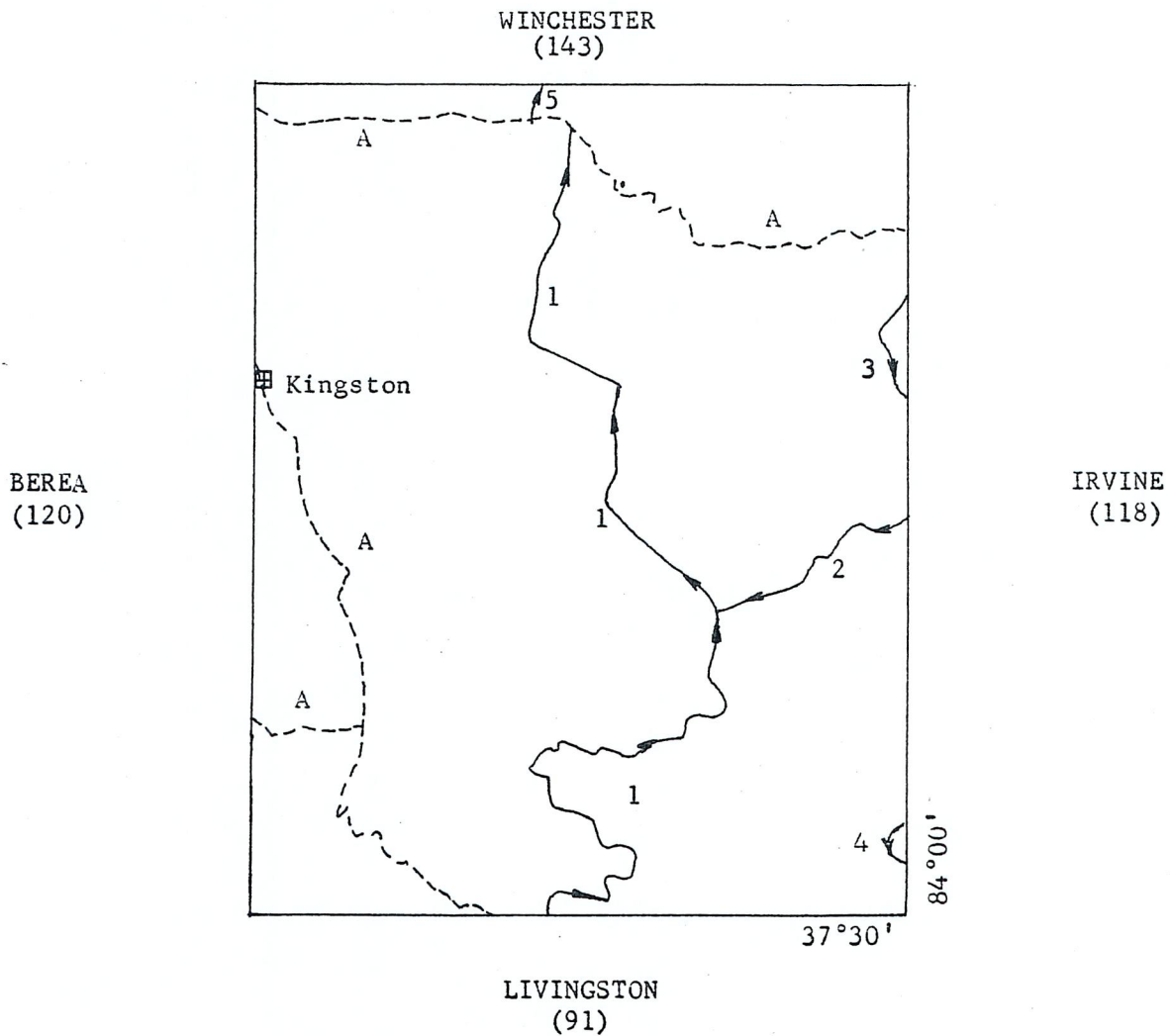
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Estill, Jackson, Madison and
Rockcastle Counties, Kentucky

Final adjustment of 1952

Edition of 5/8/74

PR: WSM/sws



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370841

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
15 GB 1950 1551	3	28 GB 1950 648	5
16 GB 1950 1487	3	29 GB 1950 658	5
17 GB 1950 1512	3	TT 16 EV 1950 661	6
18 GB 1950 1543	3		
19 GB 1950 1549	3	<u>USDA</u>	
20 GB 1950 1433	4	1757 1933	3
21 GB 1950 684	4,6		
22 GB 1950 775	4	<u>NGS</u>	
23 GB 1950 880	4	L 46 1935	5
24 GB 1950 791	4	N 46 1935	6
25 GB 1950 947	5		
26 GB 1950 911	5		
27 GB 1950 642	5		

1950

LINE 1.

	<u>Feet</u>
By G. Baird, 1950; Book AV 148	
Kerbyknob, 3.8 mi SW. of, 44 ft SW. of SW. corner porch on Walter Click residence; 13 ft N. of center of rd.; 5 ft N. and 2 ft W. of SW. corner of yard fence; in concrete post; standard tablet stamped "15 GB 1950 1551"	1550.691
Reference mark; 40 ft NW. of tablet; in 10-in. oak tree; copper nail and washer	1549.93
Kerbyknob, 2.5 mi SW. of; 94 ft S. of junction of Sand Gap-Kerbyknob Road; 63 ft E. of SE. corner of Hisels' store; 3.5 ft E. of power pole; in concrete post; standard tablet stamped "17 GB 1950 1512"	1512.351
Reference mark; 85 ft NW. of tablet; 36 ft N. of store; in root on E. side of 10-in. oak tree; copper nail and washer	1505.68
U.E., Kerbyknob, 1.3 mi SW. of; on N. end of W. concrete abutment of wooden bridge over S. fork of Station Camp Creek; chiseled square	1090.02
Kerbyknob; 100 ft W. of Smiths' store; 62 ft SW. of SW. corner of front porch of Smith residence; 20 ft N. of center of rd.; 9 ft E. and 3 ft N. of W. end of concrete block retaining wall; in concrete post; standard tablet stamped "16 GB 1950 1487"	1487.567
Reference mark; 210 ft W. of tablet; U. S. Agricultural Department Forestry Service brass tablet in concrete post stamped "1757 1933"	1475.396
Kerbyknob, 2.2 mi NE. of, along main rd.; 200 ft SW. of Desmond Powell residence; 28 ft N. and 26 ft E. of center of rd. at drive NE; 2 ft S. of small house; in concrete post; standard tablet stamped "18 GB 1950 1543"	1542.994
Reference mark; 180 ft N. of tablet; 15 ft E. of center of rd.; in root on SW. side of 11-in. oak tree; copper nail and washer	1537.44
Kerbyknob, 4.5 mi NE. of along main rd.; 3.1 mi SW. of Hisels' store and post office; 0.2 mi W. of abandoned log house; 42 ft NE. of center of rd.; 25 ft NE. of 30-in. oak tree with 4 ft bulge; 5 ft above ground, in limestone outcrop; standard tablet stamped "19 GB 1950 1549"	1548.953
Reference mark; 25 ft SW. of tablet; 11 ft from center of rd.; in root of 6-in. locust tree; copper nail and washer	1543.41

LINE 1 (Cont'd.)Feet

Hisel Store; 5 ft N. and 3 ft E. of NW. corner of building; in concrete post; standard tablet stamped "20 GB 1950 1433"	1433.102
Reference mark; 85 ft NW. of tablet; sandstone outcrop	1427.86
U.E., Hisel Store, 0.5 mi NE. of; at trail junction; 35 ft N. from center of trail; 55 ft W. of house; on sandstone rock; chiseled square	1491.33
U.E., Locust Branch; at iron bridge over Red Lick Creek; on W. end of S. concrete abutment; chiseled square	662.28
Locust Branch, 0.2 mi N. of post office; 500 ft NW. of junction of gravel rd. and dirt rd. leading S. over iron bridge to Locust Branch; 137 ft SW. of SW. corner of Beaver Creek Church; 26 ft N. of center of rd. between two 24-in. oak trees; in concrete post; standard tablet stamped "21 GB 1950 684"	684.418
Reference mark; 114 ft N. of tablet; 100 ft S. of Beaver Creek Church; in root of 30-in. oak tree; nail	686.11
Locust Branch, 2.4 mi NW. of post office; 19 ft S. and 35 ft W. of junction of rds. leading to Big Hill and Panola; 12 ft W. of 12-in. pine tree, in concrete post; standard tablet stamped "22 GB 1950 775"	775.072
Reference mark; 20 ft W. of center of creek flowing S.; 6 ft NE. of tablet; in root on NW. side of 16-in. ash tree; copper nail and washer	776.36
Locust Branch, 4.5 mi NW. of post office; 2.5 mi S. of Panola; 600 ft W. of Knob Lick School; 40 ft S. of rd. junction; 23 ft W. of small bridge; 10 ft NW. of center of small drain; in concrete post; standard tablet stamped "23 GB 1950 880"	879.729
Reference mark; 225 ft NW. of tablet; 45 ft NE. from center of rd.; in root of 8-in. willow tree; copper nail and washer	879.21
Panola; 14 ft S. of center of black-top rd.; 6 ft W. of NW. corner of E. W. Bicknell general store; in SW. corner of concrete gas pump base; standard tablet stamped "24 GB 1950 791"	791.234
Reference mark; 180 ft NW. of tablet; on concrete gas pump base; chiseled square	797.61

LINE 1. (Cont'd.)Feet

Panola, 2.2 mi NW. of; at Brassfield; 64 ft SE. of junction of black-top rds., at George Todd grocery store; in N. end of limestone step at E. end of porch on store; standard tablet stamped "25 GB 1950 947"	947.315
Reference mark; on SW. corner of concrete base of Ashland gas pump; chiseled square	946.60
Brassfield, 2.1 mi N. of; at George Todd grocery; 2.4 mi S. of Bybee; 18 ft NW. and 18 ft NE. of center of rd. at drive NW. to Lawrence Johnson farm; in concrete walk; standard tablet stamped "26 GB 1950 911"	911.232
Reference mark; 250 ft NE. of tablet; 20 ft E. of center of rd.; in root on W. side of 20-in. oak tree; copper nail and washer	901.59
"L 46 1935" (NGS)	909.752

LINE 2.

By G. Baird, 1950; Book AV 148

Jinks, 2.5 mi NE. of; at William Anderson Schribners place; 22 ft NW. of center of rd.; 37 ft E. of E. corner of front porch; 5 ft NW. of 12-in. cedar tree at E. corner of yard fence; 1 ft NE. of fence, in concrete post; standard tablet stamped "27 GB 1950 642"	642.417
Reference mark; 65 ft N. of tablet; on limestone rock outcrop; chiseled square	647.28
Jinks, 0.7 mi NE. of post office; 0.2 mi SW. of rd. junction at Beech Grove Baptist Church; 80 ft NE. and 32 ft NW. of center of rd. at concrete bridge over Jenkins Branch; 35 ft NE. of center of rd. to Parks School; under right-of-way fence; in concrete post; standard tablet stamped "28 GB 1950 648"	647.610
Reference mark; 70 ft S. of tablet; on NW. end of NE. bridge abutment	647.92
U.E., Jinks, 0.2 mi W. of; at rd. junction; center of top of S. concrete headwall; chiseled square	683.70
Jinks, 0.4 mi W. of post office along gravel rd.; 800 ft SW. of junction; 300 ft SE. of small cemetery; 118 ft SW. and 29 ft NW. from center of rd. at concrete bridge over Little Ham Creek; under right-of-way fence; in concrete post; standard tablet stamped "29 GB 1950 658"	657.938

LINE 2 (Cont'd.)Feet

Reference mark; 100 ft NE. of tablet; on top of E. end of S. abutment on concrete bridge with iron railing; chiseled square

655.67

"21 GB 1950" (Described in line 1)

684.418

LINE 3.

By W. N. Runnels, 1950; Book AV 152

Irvine, 0.8 mi W. of courthouse, along State Highway 52, thence 1.8 mi SW. along State Highway 499; 0.2 mi S. of Wisemantown Post Office; 47 ft S. and 7 ft W. of centerline of hwy. at junction of Red Lick Road; 65 ft N. of N. corner of residence of G. W. Cox; in concrete post; standard tablet stamped "TT 16 EV 1950 661"

661.175

Reference mark; 45 ft NW. of tablet; in root on E. side of 24-in. black-oak stump; copper nail and washer

662.66

U.E., Wisemantown, 0.8 mi S. of; at steel girder bridge over Station Camp Creek; on SE. end of S. abutment; chiseled square

606.82

LINE 4.

By W. N. Runnels, 1950; Book AV 152

U.E. Sand Springs, 0.8 mi SE. of school; 120 ft SE. of junction of main traveled rd. and dim rd. SW.; 12 ft S. of center of rd.; on S. headwall of rock culvert; chiseled square

1420.73

LINE 5.

By G. Baird, 1950; Book AV 148

3 54 0.00 "N 46 1935" (NGS)

826.448

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

37-084-12
KINGSTON QUADRANGLE
119 KENTUCKY
N3730-W8400/15
DIAGRAM NJ 16-9
WINCHESTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

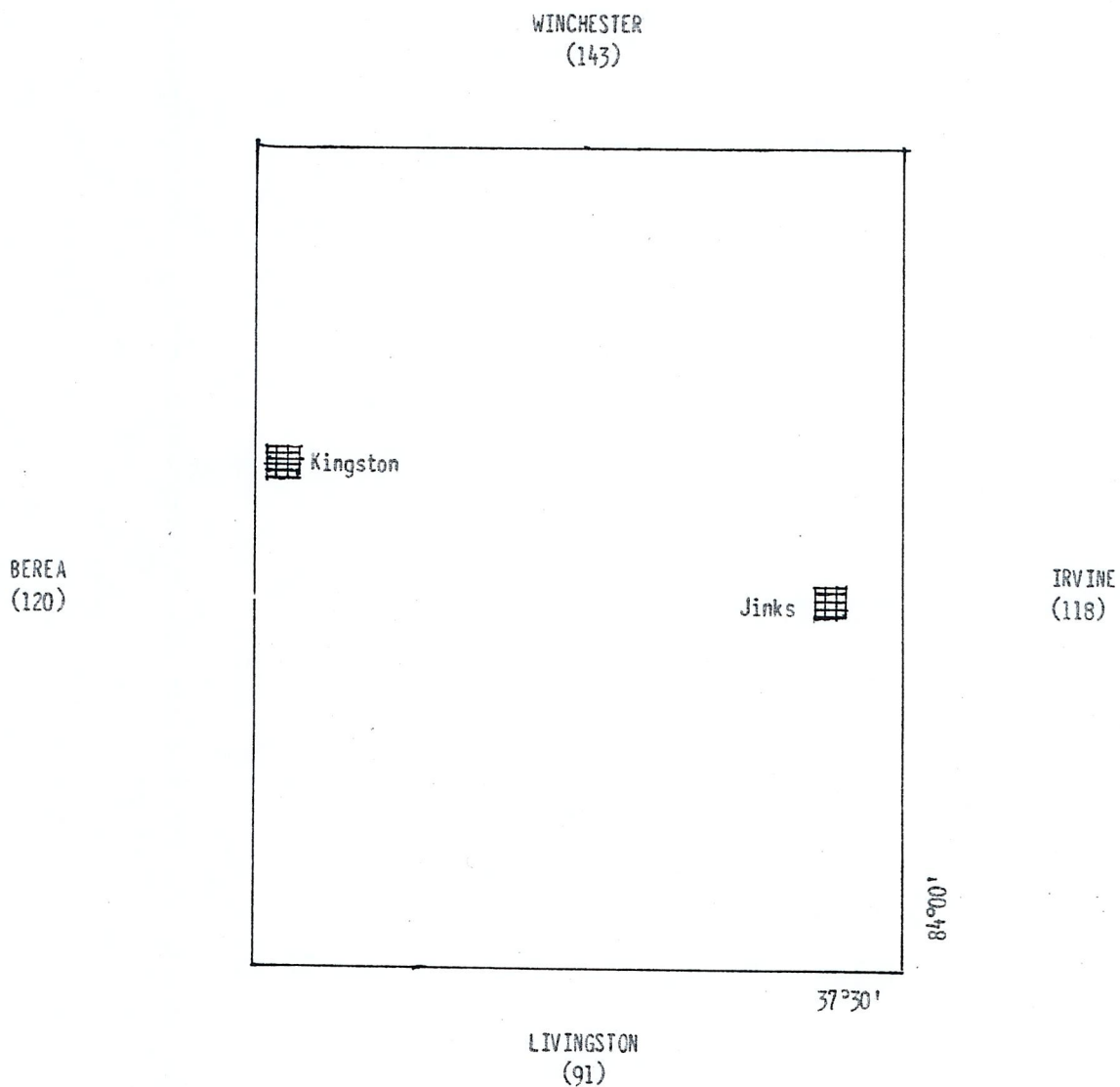
Estill, Jackson, Madison,
and Rockcastle Counties

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

Edition of 10/26/77

PR: CRV/rmm

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



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.

119 KENTUCKY
KINGSTON QUADRANGLE

37-084-12
N3730-W8400/15

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT 16 EV 1950 661

3

NGS

G 46 1935 663.342

3

H 46 1935

3

J 46 1935 875.569

3

K 46 1935

3

L 46 1935 909.752

3

M 46 1935 826.711

3

N 46 1935 826.448

4

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

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. A. Evans, 1950; Book AH 168

Irvine, 0.8 mi W. of courthouse, along State Highway 52, thence 1.8 mi SW. along State Highway 499; 0.2 mi SW. of Wisemantown Post Office; 47 ft S. and 7 ft W. of centerline of hwy. at junction of Red Lick Road; 65 ft N. of N. corner of residence of G. W. Cox; in concrete post; standard tablet stamped "TT 16 EV 1950 661"

X = 2,504,621	Y = 494,463	37 40 43.10	84 00 22.69
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Irvine, 3.2 mi W. of courthouse, along State Highway 52; 18 ft S. and 38 ft W. of centerline of hwy. at junction of private driveway; 141 ft W. of concrete culvert; in concrete post; NGS standard disk stamped "G 46 1935 663.342"

X = 2,500,836	Y = 504,629	37 42 24.28	84 01 07.44
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Irvine, 5.2 mi W. of courthouse, along State Highway 52; 26 ft N. of centerline of hwy.; 63 ft SW. of farmhouse of W. H. Hatton; 2 ft W. of fence; in concrete post; NGS standard disk stamped "H 46 1935"

X = 2,491,461	Y = 502,639	37 42 06.29	84 03 04.52
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Bybee, 4.0 mi SE. of post office, along State Highway 52; 22 ft S. and 28 ft E. of centerline of hwy. at junction of driveway S. to farmhouse; 20 ft E. of fence corner; 13 ft W. of NW. corner of small abandoned building; in concrete post; NGS standard disk stamped "J 46 1935 875.569"

X = 2,484,876	Y = 502,550	37 42 06.57	84 04 26.46
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Bybee, 1.9 mi SE. of post office, along State Highway 52; 30 ft N. of centerline of hwy.; 570 ft W. of concrete bridge; 34 ft SE. of corn crib; 4 ft NW. of W. end of gate; 2 ft N. of fenceline; in concrete post; NGS standard disk stamped "K 46 1935" (Reported destroyed, 1958)

X = 2,476,522	Y = 508,393	37 43 05.78	84 06 09.14
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Bybee; 240 ft W. of post office; 94 ft S. of SW. corner of church; 22 ft N. and 21 ft W. of centerline of State Highway 52 at junction of drive to church; 31 ft SE. of 48-in. oak tree; in concrete post; NGS standard disk stamped "L 46 1935 909.752"

X = 2,470,067	Y = 513,628	37 43 58.64	84 07 28.33
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Bybee, 1.3 mi NW. of, along State Highway 52; at Waco; 9 ft E. of main entrance of Waco Deposit Bank; 1 ft W. of SE. corner of building; 2 ft higher than concrete platform; in S. wall of building; NGS standard disk stamped "M 46 1935 826.711"

X = 2,464,127	Y = 517,069	37 44 33.66	84 08 41.54
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119 KENTUCKY
KINGSTON QUADRANGLE

37-084-12
4

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Waco; 105 ft SW. of Waco Deposit Bank; 22 ft S. of centerline of State Highway 52; 2 ft N. of fenceline;
in concrete post; NGS standard disk stamped "N 46 1935 826.448"

X = 2,464,018

Y = 517,016

37 44 33.15

84 08 42.91