THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-085-31
MAGNOLIA QUADRANGLE
97 KENTUCKY
N3715-W8530/15
DIAGRAM NJ 16-9
WINCHESTER

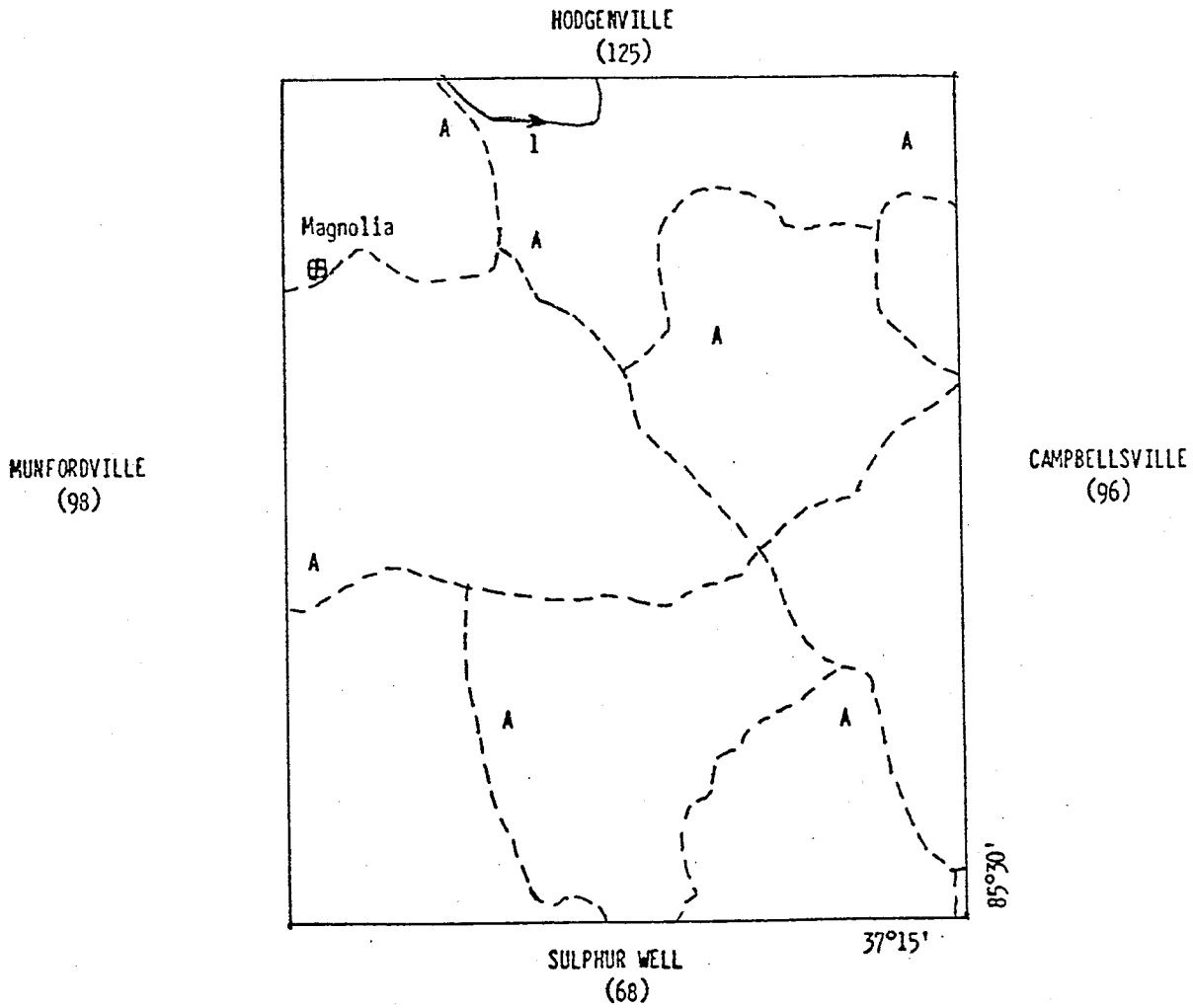
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Green, Hart, Larue
and Taylor Counties

Final adjustment of 1953

Edition of 4/15/74

PR: WSM/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370853

INDEX OF PERMANENT MARKS

MARK (USED)	PAGE NO.
P 11 1928	3
P 12 1928	3
119 JEM 1950 932	3

ISOLATED BENCH MARKS (By S. L. Parker, 1928; Book B 2877) Feet

Magnolia, 0.25 mi N. of; 15 ft W. of rd. to South Fork Church; 20 ft N. of T-rd. W.; in top of limestone post; standard tablet stamped "P 11 1928" (Reported disturbed) 861.547

Magnolia, 2.9 mi N. of; 0.8 mi N. of point where rd. crosses Walters Creek, at T-rd. W.; on W. side of rd.; 4.5 ft S. of SW. fence corner; in limestone post; standard tablet stamped "P 12 1928" 802.389

LINE 1.

By J. E. McClane, 1950; Book AV 224

Mt. Tabor, 1.8 mi E. of; 20 ft E. of junction of T-rd. SW.; opposite mail box of J. T. Skaggs; 12 ft S. of large post used as fence corner; in concrete post; standard tablet stamped "119 JEM 1950 932" 931.933

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

37-085-31
MAGNOLIA QUADRANGLE
97 KENTUCKY
N3715-W8530/15
DIAGRAM NJ 16-9
WINCHESTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

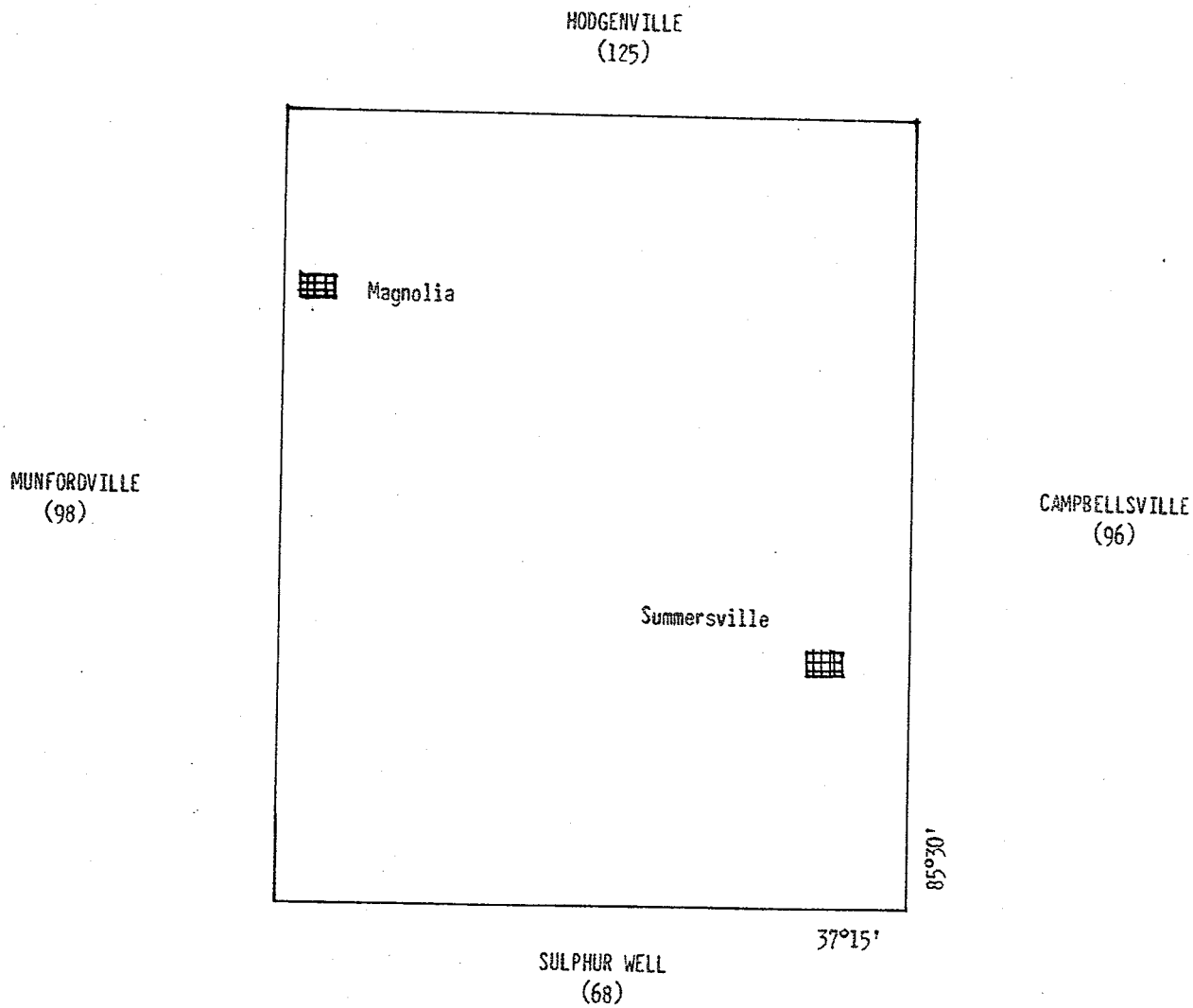
Green, Hart, Larue, and
Taylor Counties

Edition of 9/20/77

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



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.

INDEX OF PERMANENT MARKS

MARK (USGS)	PAGE NO.
11 P 1928	3
12 P 1928	3
TT 18 JRH 1951	4
TT 40 JRH 1951	6
NGS	
V 57 1935	3
W 57 1935	3
X 57 1935	4
Z 57 1935	4
A 58 1935	4
W 222 1951	5
X 222 1951	6
F 223 1951	4
G 223 1951	5
H 223 1951	5
J 223 1951	5
L 223 1951	5
M 223 1951	5
N 223 1951	5
G 226 1951	3
C 256 1951	3
D 256 1951	3
E 256 1951	4
F 256 1951	4

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 R. H. Lyddan, 1933; Book D847

Magnolia, 2.9 mi N. of; 0.8 mi N. of Walters Creek crossing; on W. side of rd. at junction of T-rd. W.; 4 ft S. of SW. fence corner; in limestone post; standard tablet stamped "12 P 1928"

X = 2,002,686 Y = 419,845 37 29 11.39 85 44 26.68

Magnolia, 0.25 mi N. of; 15 ft W. of rd. to South Fork Church; 20 ft N. of T-rd. W.; in top of limestone post; standard tablet stamped "11 P 1928" (Reported destroyed, 1954)

X = 2,002,118 Y = 406,203 37 26 56.50 85 44 33.74

By J. R. Harris, 1951; Book AH 260

Greensburg, about 0.6 mi S. of, along U. S. Highway 68; 20 ft W. of centerline of hwy.; 6 ft SW. of S. end of W. guard railing of bridge over Green River; in SW. concrete wingwall of bridge; NGS standard disk stamped "G 226 1951"

X = 2,071,957 Y = 335,100 37 15 12.54 85 30 09.94

Greensburg; at NE. corner of yard of Barret Presbyterian Church; 18 ft NE. of NE. corner of church; 2 ft W. of centerline of N.-S. sidewalk; 2 ft S. of centerline of E.-W. sidewalk; in concrete post; NGS standard disk stamped "W 57 1935"

X = 2,072,423 Y = 338,266 37 15 43.82 85 30 04.10

Greensburg; 42 ft S. of centerline of State Highway 61; 24 ft W. of concrete block wall; 9 ft W. of NE. corner of Cumberland Presbyterian Church; 4 ft E. of church; in concrete post; NGS standard disk stamped "W 57 1935"

X = 2,072,117 Y = 338,380 37 15 44.96 85 30 07.88

Greensburg, 0.5 mi NW. of junction of U. S. Highway 68, along State Highway 61; near W. corner of white board fence at stone house; 31 ft NE. of, and 2 ft lower than centerline of hwy.; 170 ft SE. of centerline of drive to house; 17 ft SE. of fence corner; 2 ft E. of telephone pole; 1 ft SW. of board fence; in concrete post; NGS standard disk stamped "C 256 1951"

X = 2,070,523 Y = 339,998 37 16 01.00 85 30 27.54

Greensburg, about 1.4 mi NW. of junction of U. S. Highway 68, along State Highway 61; 0.4 mi SE. of junction of State Highway 88; 13 ft NE. of centerline of hwy.; in SE. end of NE. concrete headwall of culvert; NGS standard disk stamped "D 256 1951"

X = 2,068,446 Y = 344,278 37 16 43.36 85 30 53.12

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

OBSOLETE MARKS (Cont'd.)

Greensburg, 2.1 mi NW. of junction of U. S. Highway 68, along State Highway 61; 0.3 mi NW. of junction of State Highway 88; 30 ft NE. of centerline of hwy. at junction of graveled rd. W.; 6 ft N. of extended centerline of graveled rd. W.; 26 ft W. of W. corner of imitation stone house; 16 ft SE. of fence corner; in front lawn of house; in concrete post; NGS standard disk stamped "X 57 1935"

X = 2,066,893 Y = 347,352 37 17 13.80 85 31 12.23

Greensburg, 3.3 mi NW. of junction of U. S. Highway 68, along State Highway 61; 1.9 mi SE. of post office at Summersville; 15 ft E. of, and level with centerline of hwy.; in E. end of S. concrete abutment of 175-foot bridge over Pitman Creek; NGS standard disk stamped "E 256 1951"

X = 2,064,746 Y = 353,695 37 18 16.57 85 31 38.62

Summersville, 1.1 mi SE. of post office, along State Highway 61; 0.8 mi NW. of N. end of bridge over Pitman Creek; 28 ft SW. of, and 1 ft higher than centerline of hwy.; 10 ft NE. of centerline of old rd. paralleling hwy.; 59 ft SE. of, and across old rd. from E. corner of barn; 6 ft SE. of NW. end of exposed portion of rock ledge; 2 ft SW. of NE. edge of rock ledge; in rock ledge; NGS standard disk stamped "F 256 1951"

X = 2,063,874 Y = 357,815 37 18 57.33 85 31 49.16

Summersville, 0.1 mi E. of post office, along State Highway 61; 30 ft S. of centerline of hwy.; 105 ft W. of and across hwy. from E. city limit sign; 1 ft SE. of right-of-way fenceline; in concrete post; NGS standard disk stamped "Z 57 1935" (Not found, 1961)

X = 2,060,370 Y = 361,177 37 19 30.65 85 32 32.58

Summersville; at junction of State Highways 61 and 323; in E. corner of brick building housing James D. Skaggs Store; NGS standard disk stamped "A 58 1935"

X = 2,059,757 Y = 361,493 37 19 33.80 85 32 40.16

Summersville, 2.2 mi NE. of; 0.5 mi N. of junction of Y-rd. at curve in rd.; 42 ft N. and 26 ft E. of centerline of graveled rd. at junction of drive E.; 30 ft N. of center of gate; 3 ft W. of fence; in concrete post; standard tablet stamped "TT 18 JRH 1951"

X = 2,066,904 Y = 369,947 37 20 57.22 85 31 11.41

Coakley, 0.6 mi NE. of, along graveled rd.; 1.6 mi SW. of crossroads and post office at Mac; 0.8 mi SW. of Green-Taylor County line; 14 ft W. of, and level with centerline of rd.; in N. end of W. concrete headwall of rock culvert; NGS standard disk stamped "F 223 1951"

X = 2,063,722 Y = 382,671 37 23 03.09 85 31 50.46

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE ° ' "

LONGITUDE ° ' "

OBSOLETE MARKS (Cont'd.)

Mac, 0.8 mi SW. of crossroads and post office, along graveled rd.; at junction of drive NW. to large barn; at Green-Taylor County line; 48 ft NW. of, and 1 ft higher than centerline of rd.; 10 ft SW. of centerline of rd. to barn; 80 ft WNW. of, and across drive from center of concrete box culvert; 1 ft SE. of fenceline; in concrete post; NGS standard disk stamped "G 223 1951"

X = 2,066,319 Y = 385,713 37 23 33.11 85 31 18.19

Mac; at crossroads and post office; 149 ft SE. of, and 4 ft higher than centerline of crossroads; 39 ft NE. of centerline of graveled rd. SE.; 12 ft E. of centerline of circular drive to post office; 25 ft S. of S. corner of post office; 2 ft S. of power pole with transformer; in concrete post; NGS standard disk stamped "H 223 1951"

X = 2,069,629 Y = 388,271 37 23 58.33 85 30 37.10

Mac, 0.8 mi NE. of crossroads and post office, along graveled rd.; 0.7 mi SW. of junction of State Highway 210; 0.5 mi SW. of Oak Hill School; at junction of drive NW. to farmhouse; 57 ft NW. of, and 3 ft higher than centerline of rd.; 19 ft N. of centerline of NE. leg of drive; 54 ft SE. of E. corner of picket fence around house; 15 ft E. of 24-in. maple tree; 1 ft SW. of fenceline; in concrete post; NGS standard disk stamped "J 223 1951" (Not found, 1961)

X = 2,071,688 Y = 390,517 37 24 20.48 85 30 11.50

Mac, 1.4 mi NE. of crossroads and post office, along graveled rd., thence 1.0 mi NW. along State Highway 210; 2.9 mi SE. of Badger; 14 ft N. of, and level with centerline of hwy.; in N. end of W. concrete abutment of bridge over small stream; NGS standard disk stamped "L 223 1951"

X = 2,069,442 Y = 394,890 37 25 03.78 85 30 39.21

Badger, 1.9 mi SE. of junction of State Highway 462, along State Highway 210; 30 ft NE. of centerline of hwy. at junction of private rd. E.; 14 ft N. of centerline of private rd.; 34 ft N. of, and across private rd. from NE. end of 24-in. pipe culvert under hwy.; in concrete post; NGS standard disk stamped "M 223 1951"

X = 2,065,472 Y = 398,511 37 25 39.68 85 31 28.31

Badger, 0.9 mi SE. of junction of State Highway 462, along State Highway 210; at NE. corner of small clearing; 45 ft W. of centerline of hwy. at junction of dim rd. NW.; 23 ft SW. of centerline of dim rd.; 17 ft E. of twin locust tree; in concrete post; NGS standard disk stamped "N 223 1951"

X = 2,064,124 Y = 403,491 37 26 28.95 85 31 44.88

Badger; at junction of State Highways 210 and 462; at SW. end of cut on Highway 462; 105 ft NE. of, and across NW. leg of Highway 462 from centerline of Highway 210; 25 ft NW. of centerline of Highway 462; 30 ft NE. of NW. end of pipe culvert with concrete headwalls under Highway 462; in concrete post; NGS standard disk stamped "W 222 1951"

X = 2,063,516 Y = 408,233 37 27 15.85 85 31 52.28

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

OBSOLETE MARKS (Cont'd.)

Badger, 1.0 mi NE. of junction of State Highway 210, along State Highway 462; at junction of old rd. NE. parallel to hwy.; 31 ft NW. of, and across old rd. from centerline of hwy.; 10 ft NW. of centerline of old rd.; 10 ft SW. of SW. one of three 10-in. oak trees on same stump; 8 ft NE. of twin 8-in. oak tree; in concrete post; NGS standard disk stamped "X 222 1951"

X = 2,065,850	Y = 411,549	37 27 48.58	85 31 23.24

Badger, 2.7 mi NE. of junction of State Highway 210, along State Highway 462; 38 ft NW. of, and 5 ft higher than centerline of hwy.; 12 ft NE. of twin hickory tree; in concrete post; standard tablet stamped "TT 40 JRH 1951"

X = 2,071,438	Y = 417,916	37 28 51.39	85 20 13.72