

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

38-084-44  
RISING SUN QUADRANGLE  
41 IND.-208 KY.  
N3845-W8445/15  
DIAGRAM NJ 16-6  
LOUISVILLE

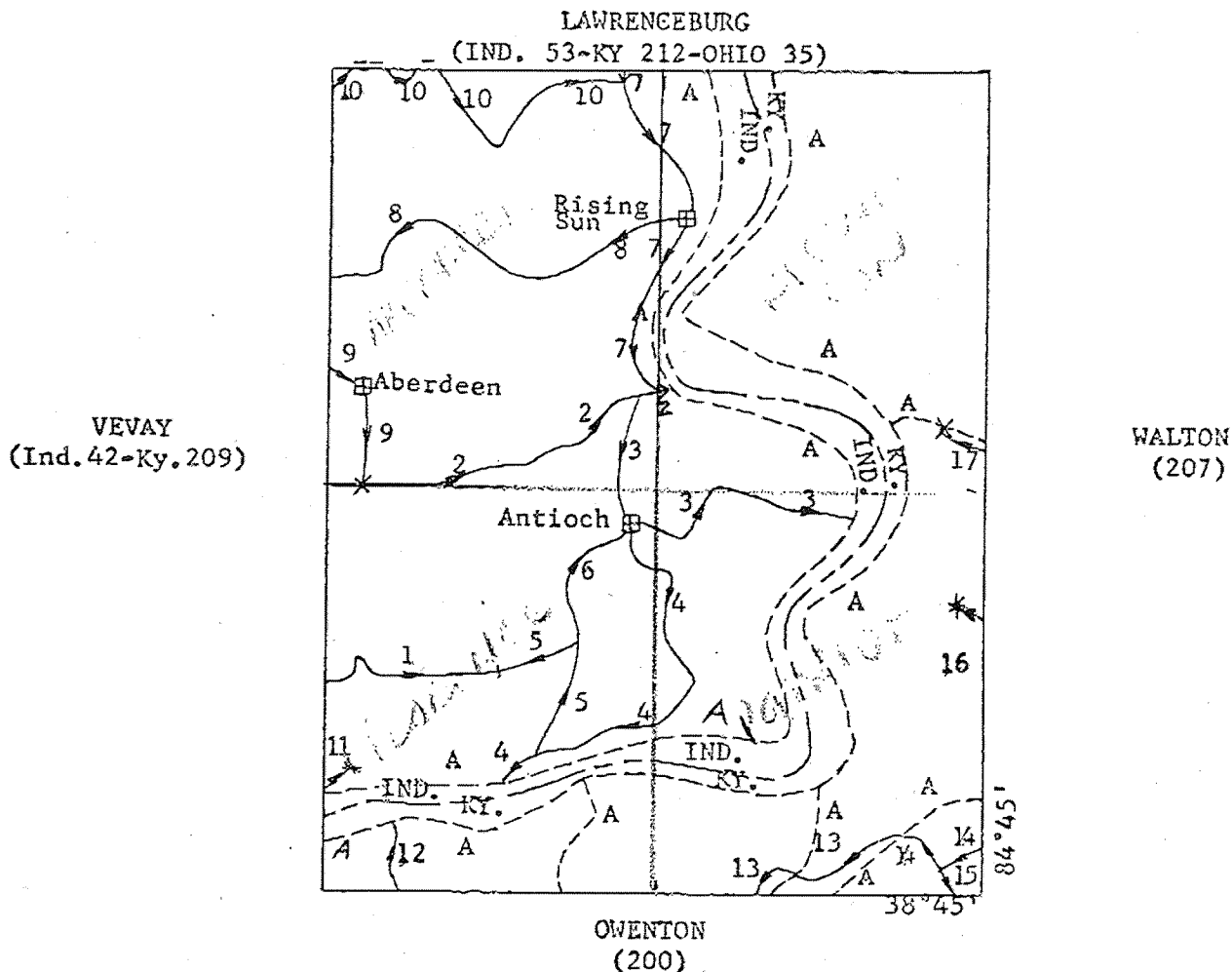
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Dearborn, Ohio, and  
Switzerland Counties,  
Indiana; Boone, Gallatin, and  
Grant Counties, Kentucky

Final adjustment of 1973

Edition of 5/9/74

PR: DSW/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380844

\* Tie to Isolated Bench Marks

41 IND.-208 KY.  
 RISING SUN QUADRANGLE

38-084-44  
 N3845-W8445/15

## INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT STA NO 75 M 1928	3	TT 6 D 1939 811	4
TT STA NO 76 M 1928	3	TT 8 D 1939 854	6
TT STA NO 77 M 1928	3	TT 9 D 1939 524	6
TT STA NO 78 M 1928	8	TT 10 D 1939 520	6,6
TT STA NO 79 M 1928 486	8	TT 11 D 1939 888	5,7
TT STA NO 80 M 1928	3	TT 12 D 1939 478	6
TT STA NO 81 M 1928	7,8,8	28 EOM 1949 848	8
TT STA NO 40 TN 1929	3		
TT STA NO 41 TN 1929	3	<u>NGS</u>	
TT STA NO 43 TN 1929	7		
25 W 1938 881	4,6	BM 780	5
30 W 1938 487	3,5	BM 786	4
TT 2 D 1939 474	5	BM 798	4
TT 3 D 1939 875	4,5,5	BM 814	5
TT 4 D 1939 836	4	BM 822	7
TT 5 D 1939 482	4,4	D 29 X 1934	7

## RISING SUN QUADRANGLE

IND. 41-KY.208

38-084-44

3

ISOLATED BENCH MARKS (By Harlan Dowens, 1928; Bks B3045 and B3460; C. E. Walker, 1929; C. S. Wells, 1928; Bk B 7702)

Feet

Belleview, 0.8 mi N. of; 18 ft S. and 8 ft E. of junction of T-rd. NW. to Petersburg; 4 ft E. of yard gate to residence of Mrs. Belle Clores; in concrete post; standard tablet stamped "TT STA NO 75 M 1928" (Reported not found, 1950)

519.285

Rabbit Hash, 0.2 mi NE. of store of C. W. Craig; 76 ft W. of W. corner of house; 47 ft SW. of SW. edge of concrete walk with steps to house; 20 ft SE. of centerline of rd.; 15 ft S. of telephone pole; in concrete post; standard tablet stamped "TT STA NO 76 M 1928" (Tied by NGS, 1950)

479.874

Warsaw, 0.6 mi S. of, along State Highway 35, thence 1.4 mi E. along graveled rd.; 25 ft E. of triangle formed by junction of rds. S. and NE.; 7 ft E. of signpost; in concrete post; standard tablet stamped "TT STA NO 41 TN 1929"

514.796

Napoleon, 1.7 mi NE. of, along State Highway 16, thence 3.2 mi N. along State Highway 562, thence 0.2 mi N. along U. S. Highway 42; 110 ft SW. of NW. corner of South Fork School; 12 ft S. and 35 ft E. of, and in line with junction of rd. NW. to Steele Creek and Brashears; in concrete post; standard tablet stamped "TT STA NO 80 M 1928" (Reported not found, 1949)

682.342

Hamilton, 1.9 mi NW. of, along rd. to East Bend; 0.2 mi NW. of Hamilton School; 265 ft N. of new bridge over Gunpowder Creek; 54 ft ENE. of NE. abutment of old bridge; 19 ft E. of centerline of graveled rd.; 5 ft NNW. of corner fencepost; 2 ft W. of wire fence; in concrete post; standard tablet stamped "TT STA NO 77 M 1928" (Tied by NGS, 1950)

471.246

Napoleon, 2.0 mi W. of, at Sugar Creek school; 100 ft S. of Big Sugar Creek; 60 ft W. of centerline of rd.; 5 ft N. and 5 ft E. of NW. corner of school; 20 ft S. of flagpole; in concrete post; standard tablet stamped "TT STA NO 40 TN 1929" (Reported not found, 1949)

516.290

LINE 1.

By C. S. Wells, 1938; Book B7702

Florence, 2.7 mi N. of, thence 1.4 mi W.; at NW. end of bridge over Log Lick Creek; in abutment; standard tablet stamped "30 W 1938 487"

486.931

Reference mark; 100 ft SE. of tablet; 40 ft NW. of junction of Y-rd.; in crotch of double-trunked willow tree; copper nail and washer

484.80

## RISING SUN QUADRANGLE

IND. 41-KY. 208

37-084-44  
4LINE 2.

By C. S. Wells, 1939; Book B 8419

- East Enterprise; 25 ft NE. of intersection of State Highway 56 and U.S. Highway 250; 11 ft SW. of SW. corner of East Enterprise State Bank; in concrete pavement; standard tablet stamped "25 W 1938 881" (Reported destroyed, 1966) 880.839
- East Enterprise, 3.2 mi NE. of; on line between secs. 31 and 36, T. 3 N.; Rs. 1 and 2 W.; 26 ft N. and 44 ft W. of centerline of rd. opposite N.-S. fence; 6 ft S. and 4 ft E. of 24-in. hickory tree; in SE. corner of field; on property of R. Calbert; in concrete post; standard tablet stamped "TT 6 D 1939 811" 811.280
- Reference mark; 200 ft E. of tablet; on S. side of rd.; in root of 20-in apple tree; rail spike 811.72
- North Landing, 0.7 mi W. of; 520 ft NW. of N. end of bridge over Grants Creek; 32 ft S. and 84 ft W. of junction of Long Branch Road; in NE. corner of field; in concrete post; standard tablet stamped "TT 5 D 1939 482" 481.894
- North Landing, 600 ft above mouth of Grants Creek; in concrete post; NGS copper bolt designated "BM 786" (Reported not found, 1950) 471.513

LINE 3.

By C. S. Wells, 1939; Book B 8419)

- "TT 5 D 1939 482" (Described in line 2) 481.894
- Patriot, 4.2 mi NW. of, along State Highway 250; at Antioch; 30 ft S. and 5 ft W. of crossroads; in NE. corner of field; in concrete post; standard tablet stamped "TT 3 D 1939 875" 874.638
- Reference mark; 55 ft NW. of tablet; 35 ft NW. of crossroads; in root of 30-in catalpa tree; rail spike 873.89
- North Landing, 1.0 mi SE. of, along State Highway 156, thence 0.6 mi S., thence 1.1 mi SE.; 17 ft S. and 20 ft W. of junction of abandoned Goose Creek Road and Mead Ridge Road; on E. side of rd. at edge of field; on property of Burton Hewitt; in concrete post; standard tablet stamped "TT 4 D 1939 836" 835.673
- Reference mark; 210 ft S. of tablet; on W. side of rd.; on concrete headwall of culvert; chiseled square 834.61
- Patriot, 2.2 mi N. of, along State Highway 156; on property of E. E. North; 265 ft below angle in property line fence; 66 ft SE. of spike in triangular blazed 8-in. maple tree; 257 ft SW. of spike in triangular-blazed 12-in. locust tree; 150 ft W. of W. bank of river; in concrete post; NGS copper bolt designated "BM 798" (Reported not found, 1961) 465.529

## RISING SUN QUADRANGLE

IND. 41-KY.208

37-084-44

5

LINE 4.Feet

By C. S. Wells, 1939; Book B 8419

"TT 3 D 1939 875" (Described in line 3)

874.638

Patriot, 1.0 mi S. of, along State Highway 156, thence 1.7 mi SW. along Wade Hill Road; 10 ft S. and 32 ft W. of junction of macadam rd. and graveled rd. along Bryant Creek; at edge of bank; in concrete post; standard tablet stamped  
"TT 2 D 1939 474" (Reported disturbed, 1951)

473.475

Reference mark; 170 ft S. of tablet; on E. end of S. headwall of bridge over creek; chiseled square

473.07

Florence, 1.3 mi NE. of; on right bank of Ohio River; 900 ft upstream and opposite wharf; on landside of county rd.; on property of William T. Wiley; 230 ft below property line fence; 60 ft riverside of residence; 5 ft below lower end of retaining wall; 13 ft S. of intersection of fence; in concrete post; NGS copper bolt designated  
"BM 814" (Reported disturbed, 1950)

499.150

LINE 5.

By C. S. Wells, 1939; Book B 8419

"30 W 1938 487" (Described in line 1)

486.931

LINE 6.

By C. S. Wells, 1939; Book B 8419

"TT 3 D 1939 875" (Described in line 3) (Also in line 4)

874.638

LINE 7.

By C. S. Wells, 1939; Book B 8419

Rising Sun, 4.5 mi NW. of, along rd. up Bogus Hollow; 21 ft N. and 10 ft W. of NW. corner of Salem Church; in NW. corner of churchyard; in concrete post; standard tablet stamped  
"TT 11 D 1939 888"

888.007

Reference mark; 15 ft NW. of tablet; in root of 36-in locust tree; rail spike

888.37

Rising Sun, on upper line of Sixth Street; at end of Poplar Street; adjacent to property of Frank Smith; 2 ft below fenceline; 67 ft N. of spike in triangular-blazed 14-in maple tree; 80 ft E. of spike in triangular-blazed 20-in maple tree; 500 ft NW. of river bank; in concrete post; NGS copper bolt designated  
"BM 780" (Reported destroyed, 1961)

497.284

RISING SUN QUADRANGLE

IND. 41-KY. 208

37-084-44  
6LINE 7 (Cont'd.)Feet

Rising Sun, 53 ft N. and 36 ft W. of NE. corner of courthouse; 95 ft N. and 63 ft E. of NE. corner of county jail; in NE. corner of courthouse yard; in concrete post; standard tablet stamped "TT 10 D 1939 520" (Tied by NGS, 1965) 519.628

Reference mark; 75 ft NW. of tablet; 35 ft W. of crossroads; on concrete culvert; chiseled square 518.54

LINE 8.

By C. S. Wells, 1939; Book B 7702

"TT 10 D 1939 520" (Described in line 7) 519.628

Rising Sun, 4.0 mi W. of, along State Highway 262; 0.5 mi E. of Halls Mill School; in sec. 7, T. 3 N., R. 1 W.; 490 ft E. of junction of rd. S.; 25 ft S. and 15 ft W. of center of stone culvert; on S. side of hwy.; on W. side of small drain; at edge of field; in concrete post; standard tablet stamped "TT 9 D 1939 524" 523.960

Reference mark; 53 ft N. of tablet; 6 ft NE. of retaining wall for creek; in root of 40-in sycamore tree; rail spike 527.58

Pate, 0.2 mi N. of Clay Bank School; 890 ft W. of Mt. Pleasant Church; in sec. 3, T. 3 N., R. 2 W.; 35 ft N. and 38 ft E. of centerline of rd. at junction of T-rd. N.; in SW. corner of yard of Mr. Jenkins; in concrete post; standard tablet stamped "TT 8 D 1939 854" (Reported not found, 1965) 853.408

Reference mark; 400 ft SW. of tablet; 190 ft S. of junction of rd.; on concrete headwall of culvert; chiseled square 851.77

LINE 9.

By C. S. Wells, 1939; Book B 8419

"25 W 1938 881" (Described in line 2) 880.839

LINE 10.

By C. S. Wells, 1939; Book B 8419

Hartford, 0.3 mi E. of; in SE. 1/4 sec. 23, T 4 N., R. 2 W.; 30 ft S. and 165 ft W. of centerline of rd. at junction of T-rd. S.; 14 ft N. and 20 ft W. of junction of private rd.; in SW. corner of wood lot; in concrete post; standard tablet stamped "TT 12 D 1939 478" (Reported not found, 1965) 477.276

## RISING SUN QUADRANGLE

IND. 41-KY. 208

37-084-44  
7LINE 10 (Cont'd.)

Reference mark; 200 ft E. of tablet; 17 ft S. and 40 ft E. of rd.  
junction; in root of 24-in hackberry tree; rail spike

Feet

481.81

Jogs into Lawrenceburg quadrangle/

"TT 11 D 1939 888" (Described in line 7)

888.007

LINE 11.

By C. S. Wells, 1938; Book B 7702

Markland, 0.3 mi W. of; on high right bank of Log Lick Creek; 400  
ft S. of bridge; on property line between Mrs. Amanda Gullion and  
Y. Pickett; 200 ft above lower end of stone fence; 30 ft from  
junction of wire and picket fence; 25 ft NW. of NW. corner, and  
42 ft NE. of SW. corner of house; 12 ft SE. of centerline of  
county rd.; in concrete post; NGS copper bolt designated  
"BM 822" (Reported not found, 1966)

478.199

LINE 12.

By J. W. McLaughlin, 1949; Book AV 104

U.E., Warsaw, 4.2 mi W. of, along U. S. Highway 42, thence 1.3 mi S.  
along State Highway 184; on E. end of N. abutment of iron bridge;  
chiseled square

472.69

Warsaw, 4.2 mi W. of, along U. S. Highway 42; 30 ft E. of triangle  
formed by junction of rd. S. to Eagle Station and W. to Ghent; 20  
ft S. and 40 ft E. of front entrance to store of T. B. Craig; in  
concrete post; standard tablet stamped  
"TI STA NO 43 TN 1929" (Tied by NGS, 1954)

472.824

U.E., Warsaw, 3.0 mi W. of, along U. S. Highway 42; 15 ft S. of  
centerline of hwy.; on E. end of concrete headwall of culvert;  
chiseled square

488.11

"D 29 X 1934" (NGS)

478.326

LINE 13.

By J. W. McLaughlin, 1949; Book AV 104

Napoleon, 0.8 mi NE. of; at Gallatin Lodge No 65 (Odd Fellows)  
Cemetery; in NW. corner of frontyard of Henry Brasher; 52 ft W. of  
NW. corner of house; 40 ft E. of junction of rd. SE. to Elliston;  
in concrete post; standard tablet stamped "TT STA NO 81 M 1928"

847.400

## RISING SUN QUADRANGLE

IND. 41-KY. 208

37-084-44

8

LINE 13 (Cont'd.)

U.E., Napoleon, 0.3 mi NE. of; 30 ft N. of N. end of pond; 12 ft SE. of centerline of State Highway 16; on NE. end of concrete headwall of culvert; chiseled square

Feet

807.27

U.E., Napoleon; 30 ft NW. of junction of T-rd. W.; on N. end of L-shaped concrete headwall of culvert; chiseled square

852.99

LINE 14.

By E. O. Miner, 1949; Book AV 86

"TT STA NO 81 M 1928" (Described in line 13)

847.400

LINE 15.

By E. O. Miner, 1949; Book AV 86

"TT STA NO 81 M 1928" (Described in line 13) (Also in line 14)

847.400

Napoleon, 0.8 mi NE. of, thence 1.7 mi SE.; 1.5 mi NW. of Elliston; 210 ft N. of barn; 25 ft SE. of junction of field rd. E.; 1 ft W. of fence; in concrete post; standard tablet stamped "28 EOM 1949 848"

848.591

LINE 16.

By E. O. Miner, 1959; Book AV 86

U.E., South Fork Christian Church; on S. end of bottom concrete step; chiseled square

489.62

Bigbone, 4.0 mi S. of; 0.9 mi NW. of South Fork Christian Church; near Boone-Callatin County line; 110 ft NE. of residence of Mrs. Margaret Black; 20 ft S. and 10 ft W. of centerline of rd. at junction of rd. N. to Mud Lick Creek; 25 ft NW. of small creek crossing; 3 ft W. of N. end of rock wall; in concrete post; standard tablet stamped "TT STA NO 79 M 1928 486"

485.930

LINE 17.

By E. O. Miner, 1949; Book AV 86

U.E. Bigbone; in front of church; on abutment; chiseled square

946.92

Bigbone, 0.3 mi W. of; 105 ft S. and 10 ft E. of junction of Y-rd. S.; 20 ft E. of centerline of rd.; 2 ft E. of fenceline; in concrete post; standard tablet stamped "TT STA NO 78 M 1928" (Tied by NGS, 1950) (Reported destroyed, 1964)

475.993