

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

36-089-11
WICKLIFFE QUADRANGLE
54 KENTUCKY - 32 MISSOURI - 4A ILLINOIS.
N3645-W8900/15
DIAGRAM NJ 16-10
DYERSBURG

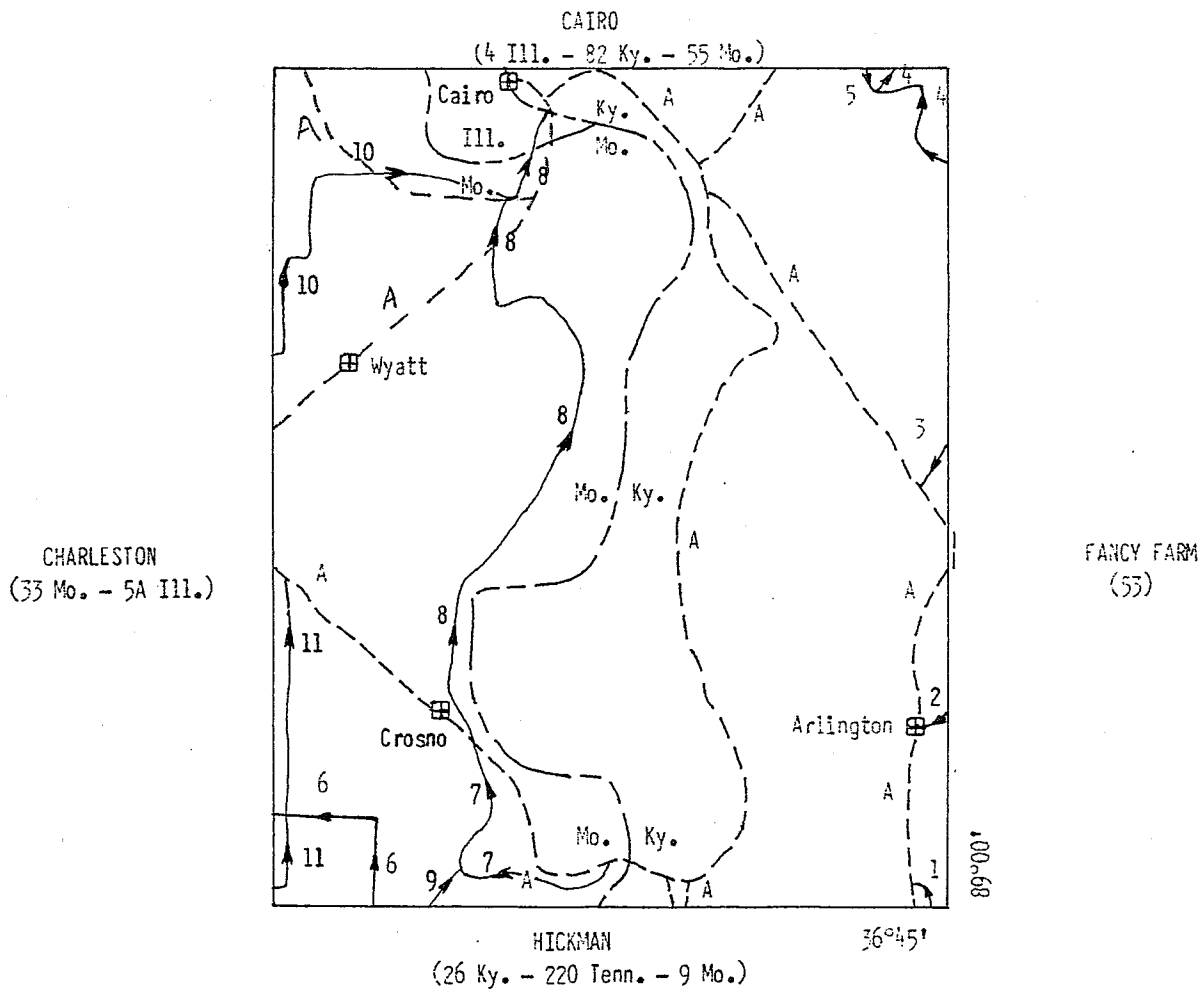
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Ballard, Carlisle and Hickman
Counties, Kentucky
Mississippi County, Missouri;
Alexander County, Illinois

Final adjustment of 1973

Edition of 11/20/74

PR: DSW/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A Quadrangle 360891

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ISOLATED BENCH MARKS (By E. E. Harris, 1926; Book 82512)

Feet

Wickliffe; 79 ft S. of, and across tracks from S. corner of Illinois Central Railroad station; 14 ft SW. of, and 2 ft lower than SW. rail of track; 82 ft E. of E. side of frame house; 37 ft N. of centerline of E.-W. street; 12 ft E. of E. edge of hedge row; 6 ft N. of N. edge of E.-W. concrete sidewalk; in concrete post; standard tablet stamped "2 H 1926" (Tied by NGS, 1947)	336.430
Wickliffe; at W. approach to Ballard County Court House; 164 ft N. of N. curb of Court Street; 15 ft E. of E. curb of Fourth Street; 105 ft SW. of NW. corner of courthouse; 2 ft higher than sidewalk; in center of top of N. concrete banister of steps to courthouse grounds; standard tablet stamped "3 H 1926" (Tied by NGS, 1957)	367.024
Wickliffe, 2.8 mi NE. of, along Barlow Road; 110 ft S. of centerline of rd. at junction of rd. E. along Cane Creek; 40 ft E. of angle in rd.; 50 ft N. of private rd.; in concrete post; standard tablet stamped "4 H 1926" (Reported not found, 1951)	342.994
Wickliffe, 4.2 mi NE. of, along Slater Road; 180 ft E. of centerline of rd. at junction of Y-rd.; in concrete post; standard tablet stamped "5 H 1926" (Reported destroyed, 1950)	447.329

LINE 1.

W. S. Monk, 1950; Book AV 160

"N 132 1948" (NGS) 324.599

LINE 2.

W. S. Monk, 1950; Book AV 160

Arlington; 0.1 mi S. of station, along I. C. RR.; at crossing of State Highway 80; 44 ft N. of centerline of hwy.; 11 ft E. of, and level with E. rail of E. track; 78 ft SE. of, and across tracks from milepost No. C-384; 28 ft N. of crossing signal; 7 ft SE. of switch stand; in concrete post; standard tablet stamped "TT STA NO 100 TN 1929 346" (Tied by NGS, 1947)

345.593

LINE 3.

W. S. Monk, 1950; Book AV 160

Bardwell; 0.2 mi NW. of station, along I. C. RR.; at 70-ft RR. trestle; 66 ft NE. of, and 2 ft lower than NE. rail of NE. main track; 51 ft SW. of centerline of street parallel to tracks; 12 ft NW. of prolonged centerline of graveled rd. NE.; 16 ft N. of N. corner of bridge under near side track; 16 ft NE. of NE. rail of near side track; 44 ft N. of W. corner of cattle loading pen; 33 ft SE. of telephone pole; on iron pipe; USED standard cap stamped "A 17.6-8" (Tied by NGS, 1947)

353.070

LINE 4.Feet

W. S. Monk, 1950; Book AV 160

Wickliffe, 4.6 mi E. of, along State Highway 286; 4.4 mi NW. of Blandville; 30 ft S. and 30 ft W. of centerline of crossroads; in concrete post; standard tablet stamped "47 WSM 1950 469"

468.906

U. E., Wickliffe, 5.1 mi NE. of, along Slater Road; 24 ft N. and 15 ft W. of, and 1 ft higher than centerline of rd. at junction of T-rd. E.; on concrete headwall of culvert; chiseled square

412.45

LINE 5.

T. H. Williams, 1953; Book AV 2016

Wickliffe, 4.6 mi NE. of, along Slater Road; 195 ft SW. of junction of Y-rd.; 19 ft NW. of centerline of rd.; in concrete post; standard tablet stamped "TI 22 TWC 1950 392"

391.356

U. E., Wickliffe, 5.1 mi NE. of, along Slater Road; chiseled square (Described in line 4)

412.45

LINE 6.

F. W. Krueger, 1968; Book CV 2352

59 15.6 U. E., BP 26 A; 1.2 mi N. along rd. from cap; T. 24 N., R. 17 E., in SW 1/4 section 2; 88 ft S. and 8 ft W. of N.-S. rd. at private rd. W.; 0.1 ft lower than rd.; center of cattle guard; chiseled cross

314.04

60 17.0 Reference mark, 370 ft NNW. of tablet; 9 ft N. and 50 ft W. of, and 2.8 ft lower than rd. forks; on extreme E. edge of concrete foundation of corn crib; chiseled square

310.55

21.0 East Prairie, about 7.7 mi E. and 1.5 mi S. of (airline); near quarter corner between sections 5 and 6, T. 24 N., R. 17 E.; 54 ft W. and 37 ft N. of, and 0.7 ft lower than crossroads; 29 ft SW. of SW. corner of abandoned house; 10 ft W. of power pole; 3 ft S. of witness post; in concrete post; standard tablet stamped "16 BRL 1967 303"

302.732

21.0 Reference mark, 71 ft NE. of tablet; on W. side of power pole; cotton pin

302.41

22.8 U. E., 16 A; 1.6 mi N. of tablet; 19 ft S. of, and 0.3 ft lower than rd. at culvert; 405 ft E. of T-rd. N.; in center of S. headwall of culvert; chiseled square

300.92

1968

LINE 7.

Feet

By F. W. Krueger, 1968; Book CV 2353

1	70	0.0	"H 358 1957" (NGS)	464.235
1	70	0.4	"B 17 1933" (NGS) (USGS Elev.) (NGS elev. of 313.507 could not be reconciled)	313.592
1	73	0.8	"U 26 1933" (NGS) (USGS elev.)	311.571
1	3	1.7	U.E., U 26 A, 0.9 mi WSW. of disk; T. 24 N., R. 18 E.; near 1/4 cor. between secs. 5 and 6; 9 ft N. and 18 ft W. of, and 6.1 ft lower than rd. at culvert; punched hole in painted square	302.79
1	4	2.7	U.E., 26 B, 1.8 mi W. of disk, along State Highway 80; T. 24 N., R. 18 E.; near NW. cor. sec. 6; 9 ft N. and 21 ft W. of, and 0.8 ft higher than bridge at drain; on W. end of N. concrete curb of bridge; chiseled square	308.82
1	5	3.8	U.E. 26 C, 2.9 mi W. of disk, along State Highway 80; T. 25 N., R. 17 E.; near SW. cor. sec. 36; 16 ft S. of, and 1.8 ft lower than rd. at culvert; on S. end of N.-S. 24-in. iron pipe culvert; punched hole in painted square	304.37
1	6	4.4	Wyatt, 10.0 mi S. and 2.0 mi E. of; T. 25 N., R. 17 E.; near center of sec. 35; 360 ft S. and 0.7 ft higher than Y-rds.; 1 ft N. and 21 ft E. of, and 1.7 ft higher than N.-S. rd.; along land side of levee; in concrete post; standard tablet stamped "1 FWK 1963"	315.434
1	6	4.4	Reference mark; 370 ft NNW. of tablet; 9 ft N. and 50 ft W. of, and 2.8 ft lower than rd. forks; on extreme E. edge of concrete foundation of corncrib; chiseled square	310.55
1	8	5.6	U.E. 1 A, 1.2 mi N. of tablet, along levee; T. 25 N., R. 17 E.; near S. 1/16 cor. between secs. 25 and 26; 90 ft W. of, and 12.6 ft lower than levee; 45 ft S. of SW. corner of abandoned house; 40 ft N. of fence corner; on SE. root of 28-in. cottonwood tree; rail spike	312.43
1	9	6.1	Wyatt, 8.0 mi S. and 2.5 mi E. of; T. 25 N., R. 17 E.; in NW. 1/4 of sec. 26; 155 ft S. of levee (levee curves); 80 ft S. of fence; 30 ft N. of 36-in. lone tree; 15 ft lower than levee; in top of 4-in. iron pipe; USED cap stamped "U.F. 48/49"	310.230
1	10	7.0	Wyatt, 7.5 mi S. and 2.0 mi E. of; T. 25 N., R. 17 E.; near center of sec. 23; in area known as Crosno; 47 ft N. and 280 ft W. of, and 12.7 ft lower than levee; at rd. crossing (State Road "F" ends here); in top of 4-in. iron pipe; USED cap stamped "UF BP 17"	312.260

1968

LINE 8.

Feet

By F. W. Keueger, 1968; Book CF 2352

1 11	0.0	"UF BP 17" (Described in line 7)	312.260
1 11	1.0	U.E. BP 17-A, 1.0 mi N. of cap, along levee; T. 25 N., R. 17 E.; in N. center 1/16 sec. 14; 85 ft W. of levee; 140 ft S. and 50 ft W. of, and 4.8 ft lower than Y-junction of field rds.; 45 ft S. and 40 ft E. of SE. corner of house; 8 ft S. of center of gate; 14.7 ft lower than levee; on E. side of S. gatepost; rail spike	310.50
1 12	2.3	U.E. BP 17 B, 2.0 mi N. of cap, along levee; T. 25 N., R. 17 E.; near center sec. 11; 110 ft W. of levee; 233 ft S. and 62 ft W. of, and 1.1 ft higher than I-rd. W.; 10.3 ft lower than levee; in SE. corner of concrete foundation of former Upper Crosno School house; chiseled square	314.99
1 14	3.5	Wyatt, 5.0 mi S. and 2.0 mi E. of; T. 25 N., R. 17 E.; near center of sec. 2; 770 ft N. and 50 ft W. of MP 44/45; 80 ft N. and 50 ft W. of N.-S. rd. at curved field entrance; 21 ft N. of gate; 2 ft E. of fence; in concrete post; standard tablet stamped "2 FWK 1968"	307.578
1 17	6.3	Wyatt, 1.1 mi S. of, along graveled rd. to I-rd. E., thence 2.7 mi E. along graveled rd. to crossroads, thence 2.1 mi SE. along dirt rd. to levee; 24 ft SE. of I-rd. junction and in line with center of I-rd.; 28 ft landside of levee; in concrete post; standard tablet stamped "T 26 TWC 1950"	317.357
1 18	7.5	U.E. 26 TWC A, 1.2 mi N. of tablet, along rd.; T. 26 N., R. 18 E.; near 1/4 cor. between secs. 19 and 20; 42 ft W. of, and 1.5 ft lower than I-rd. W.; at 316 mark on high water guage on E. side of 12-in. locust tree; cotton spindle	315.51
1 21	9.6	Wyatt, 5.0 mi E. of; T. 26 N., R. 18 E.; near W. center 1/16 cor. sec. 8; 50 ft N. and 11 ft W. of bridge at drain; in top of W. end of N. concrete headwall of bridge; standard tablet stamped "3 FWK 1968"	315.555
1 20	9.6	Reference mark; 50 ft S. and 21 ft E. of tablet; 10 ft E. of bridge at drain; 0.4 ft higher than bridge; 16.8 ft above drain; on center of E. concrete curb of bridge; chiseled square	315.46
1 22	10.7	U.E., 1.0 mi NNW. of tablet, along rd.; T. 26 N., R. 18 E.; in SE. 1/4 of sec. 6; 18 ft E. of rd. at drain (small drain E.); 2.1 ft lower than rd.; on E. end of 18-in. E.-W. concrete culvert; chiseled square	313.13
1 23	11.7	U.E. 3 B, 2.5 mi N. and 0.6 mi W. of tablet, along rds.; T. 26 N., Rs 17 and 18 E.; near N. 1/16 cor. between secs. 1 and 6; 18 ft N. and 4 ft E. of, and 0.1 ft higher than rd. at drain; 8 ft above drain; on E. end of N. concrete headwall of culvert; chiseled square	314.24

LINE 8 (Cont'd.)Feet

1 25	12.7	Wyatt, 1.0 mi N. and 3.0 mi E. of; T. 26 N., R. 17 E.; in W. center 1/16 cor. sec. 1; 990 ft N. and 30 ft E. of T-rd. N.; 2 ft N. and 30 ft E. of N.-S. rd. at fence E.; 2 ft N. and 11 ft E. of fence corner; in concrete post; standard tablet stamped "4 FWK 1968"	317.817
1 24	12.7	Reference mark; 58 ft N. and 60 ft W. of tablet; 60 ft N. and 30 ft W. of, and 1.5 ft lower than N.-S. rd. at fence E.; on E. side of power pole; cotton spindel	317.26
1 26	13.7	U.E. 4 A, 1.0 mi N. of tablet; T. 27 N., R. 17 E.; in NW. 1/4 of sec. 36; 31 ft N. and 11 ft E. of, and level with bridge at drain; 15 ft above drain; on E. end of N. concrete headwall of bridge; chiseled square	313.68
1 27	14.8	U.E. 4 B, 2.0 mi N. of tablet, along rds.; T. 27 N., R. 17 E.; in N. center of sec. 25; 19 ft E. of, and 4.6 ft lower than rd. at culvert; on center of E. concrete headwall of culvert; chiseled square	305.89
1 28	15.6	Birds point, 1.1 mi SW. of S. end of Cairo bridge over Mississippi River, along U. S. Highways 62 and 60; T. 27 N., Rs. 17 and 18 E.; near cor. secs. 19, 24, 25, and 30; 94 ft S. and 210 ft E. of Highways 62 and 60; at E.-W. rd.; 86 ft S. of fence; on top of 4-in. iron pipe; USED brass cap stamped "US ENGINEER DEPARTMENT TRIA STA BM BIRDS PT SCHOOL"	315.936
1 29	15.6	Birds Point, 1.1 mi SW. of S. end of Cairo bridge over Mississippi River, along U. S. Highways 62 and 60; T. 27 N., Rs. 17 and 18 E.; near cor. secs. 19, 24, 25, and 30; 110 ft S. and 220 ft E. of hwy. at E.-W. rd.; 100 ft S. of fence on top of 4-in. iron pipe; USED brass cap stamped "U S ENGINEER DEPARTMENT BM BIRD POINT"	314.664

LINE 9.

By F. W. Krueger, 1968; Book CV 2352

1 59	15.6	U.E. BP 26 A, 1.2 mi N. of cap, along rd.; T. 24 N., R. 17 E.; in SW. 1/4 sec. 2; 88 ft S. and 8 ft W. of N.-S. rd. at private rd. W.; 0.1 ft lower than rd.; center of cattle guard; chiseled cross in painted square	314.04
1 60	17.0	Reference mark; 370 ft NNW. of tablet; 9 ft N. and 50 ft W. of, and 2.8 ft lower than rd. forks; on extreme E. edge of concrete foundation of corncrib; chiseled square	310.55
1 68	0.0	U.E. BP 26A, 1.2 mi N. of cap, along rd.; T. 24 N., R. 17 E.; in SW. 1/4 sec. 2, 88 ft S. and 8 ft W. of N.-S. rd. at private rd. W.; 0.1 ft lower than rd.; center of cattle guard; chiseled cross in painted square	314.04

LINE 8 (Cont'd.)Feet

- 1 68 0.0 Wolf Island, 1.0 mi N. and 1.25 mi E. of; T. 24 N., R. 17 E.; in SW. cor. sec. 2; 406 ft S. and 57 ft W. of N.-S. rd. at private drive W.; 318 ft S. and 57 ft W. of cattle guard; 6 ft W. of fence; on top of 4-in. iron pipe; USED brass cap stamped "US ENGINEER DEPARTMENT" 309.833
- 1 68 0.0 Wolf Island, 1.0 mi N. and 1.25 mi E. of; T. 24 N., R. 17 E.; in SW. cor. sec. 2; 318 ft S. and 397 ft W. of cattle guard; 60 ft SE. of SE. corner of house; 14 ft S. of 8-in. cedar tree; 12 ft S. of fence; on 4-in. iron pipe; USED brass cap stamped "U S ENGINEER DEPARTMENT D-17-1-2-3-20-1930" 310.703

LINE 10.

By B. R. Larson, 1967; Book CV 2136

- 4.7 Wyatt, about 1.0 mi N. and 1.3 mi W. of; near cor. secs. 5, 6, 7, and 8, T. 26 N., R. 17 E.; 70 ft S. and 32 ft E. of, and 2 ft lower than crossroads; 8 ft N. of power pole; 3 ft S. of witness post; in concrete post; standard tablet stamped "8 BRL 1967" 312.485
- 4.7 Reference mark; 112 ft N. of tablet; on SE. side of power pole; rail spike 313.49
- 5.7 U.E. 8 A, 1.0 mi N. of tablet; 24 ft S. and 15 ft W. of, and 2 ft lower than T-rd. S.; on W. end of concrete culvert; chiseled square 314.61
- 6.8 U.E. 8 B, 1.7 mi N. and 0.4 mi E. of tablet; 11 ft N. and 20 ft E. of, and 1.8 ft lower than rd. at drive E.; on N. end of concrete culvert; chiseled square 312.71
- 7.7 Wyatt, about 3.5 mi N. and 0.7 mi W. of; in SE. cor. sec. 29, T. 27 N., R. 17 E.; 94 ft S. and 27 ft E. of, and 1.7 ft lower than rd. at center abandoned tram; 71 ft NW. of NW. corner of white brick house; 2 ft W. of witness post; in concrete post; standard tablet stamped "9 BRL 1967 317" 316.730
- 7.7 Reference mark; 9 ft E. of tablet; on S. side of power pole; rail spike 317.13
- 8.8 U.E. 9 A, 0.9 mi N. and 0.2 mi E. of tablet; 10 ft W. and 21 ft S. of, and 2.4 ft lower than drive S.; on W. end of concrete culvert; chiseled square 315.29
- 9.5 U.E. 9 B, 0.9 mi N. and 0.8 mi E. of tablet; 33 ft S. of, and 4.3 ft lower than rd. at easternmost one of three culverts; on S. end of corrugated culvert; punched hole 308.81
- 9.9 Alfalfa Center; near W. 1/16 cor. between secs. 22 and 27, T. 27 N., R. 17 E.; 58 ft N. and 65 ft E. of, and 1.2 ft higher than drive E.; 14 ft NW. of SW. corner of old red brick store; in SW. corner of porch foundation; standard tablet stamped "10 BRL 1967 316" 315.783
- 9.9 Reference mark; 26 ft N. of tablet; on NW. corner of concrete porch foundation of abandoned store; chiseled square 315.82

LINE 10 (Cont'd.)

		<u>Feet</u>
11.0	U.E. 10 A, 1.1 mi E. of tablet; 57 ft S. of, and 1.3 ft higher than rd. at fence N.; on N. side of 36-in. oak tree; rail spike	315.52
12.0	U.E. 10 B, 2.0 mi E. of tablet; 76 ft S. of, and 0.8 ft higher than drive NW.; on N. side of 36-in. oak tree; rail spike	318.43
13.0	NGS triangulation station "BIRDS POINT SCHOOL (MRC) 1929; on right bank (W.) of Mississippi River; in NW. corner of Birds Point School yard; 7 ft below dirt rd. along side school yard; 9 ft E. of W. fence; 10 ft S. of N. fence; about 108 ft NW. of cistern in NE. corner of yard; school is white frame structure about 0.2 mi E. of where U. S. Highway 60 crosses levee at Birds Point Landing, marked by standard mark of Mississippi River Commission; brass cap on steel pipe above and copper bolt in tile below; pipe projects 12 in. above surface of ground (Elev by USGS)	315.632
13.0	NGS triangulation station "BIRD POINT (MRC) 1929; on W. bank of Mississippi River; on Birds Point; station mark was standard disk station mark in concrete. Station destroyed in 1931 by levee construction. Station BM BIRD POINT 2 (USE) was established within 0.1 ft of original position after completion of new levee. The station is 22.3 ft from BIRDS POINT SCHOOL in azimuth 147°54' (Elev. by USGS)	314.318
13.0	BM 0/1 BP-WM (I-5-2-110) UCE: Approx. 190 ft from station BIRD POINT Latitude 36°57'56"323 Longitude 89°09'26"962 Elev. of cap: 315.40 Elev. of base: 311.54 (Elev. by USGS)	315.323
13.8	U.E. 0/1 A; 0.8 mi NE. of pipe and tile; at S. end of Missouri Bridge; 14 ft W. of center of rd.; on W. wingwall to bridge; chiseled square	335.60
14.4	High point of bridge at northernmost arch	391.6
15.0	"CAIRO NO 4 1947" (NGS)	339.825

LINE 11.

By B. R. Larson, 1967; Book CV 2136

21.0	"16 BRL 1967 303" (Described in line 6)	302.732
21.0	Reference mark; 71 ft NE. of tablet; on W. side of power pole; cotton pin	302.41
22.8	U.E. 16 A, 1.6 mi N. of tablet; 19 ft S. of, and 0.3 ft lower than rd. at culvert; 405 ft E. of T-rd. N.; in center of S. headwall of culvert; chiseled square	300.92

LINE 11 (Cont'd.)Feet

23.9	East Prairie, about 7.7 mi E. and 1.0 mi N. of; near cor. secs. 19 and 20, 29 and 30, T. 25 N., R. 17 E.; 383 ft W. and 64 ft N. of, and 2.1 ft lower than crossroads; at SE. end of concrete foundation to large red barn; standard tablet stamped "17 BRL 1967 303"	302.769
23.9	Reference mark; 213 ft E. of tablet; 22 ft SW. of SW. corner of large house; on S. side of 48-in. oak tree; cotton pin	304.37
25.0	U.E. 17 A, 1.0 mi N. of tablet; 17 ft W. of, and 2.6 ft lower than rd. at culvert; on W. end of 36-in. iron culvert; chiseled square	298.86
26.0	Anniston, about 4.5 mi E. and 0.5 mi S. of; near cor. secs. 7, 8, 17, and 18, T. 25 N., R. 17 E.; 35 ft S. and 27 ft E. of, and 1.1 ft lower than crossroads; 2 ft W. of witness post; about 4 in. above ground; in concrete post; standard tablet stamped "18 BRL 1967 301"	301.206
26.0	Reference mark; 8 ft SE. of tablet; on W. side of 48-in. oak tree; rail spike	302.29
27.0	U.E. 18 A; 1.0 mi N. of tablet; 20 ft S. and 20 ft E. of, and 0.2 ft higher than I-rd. W.; on W. side of power pole; cotton pin	304.16
28.0	"R 26 1933" (NGS)	308.950

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Publication Copy

WICKLIFFE QUADRANGLE
KY. 54-MO. 32-ILL. 4A
N3645-W8900/15

THIRD-ORDER TRANSIT TRAVERSE
North American Datum of 1927

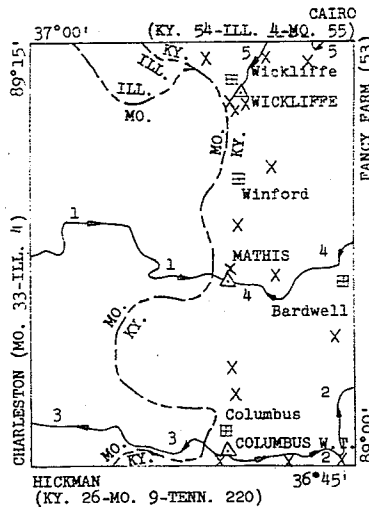
Ballard, Carlisle, and
Hickman Counties,
Kentucky; Mississippi
County, Missouri;
Alexander County,
Illinois

Edition of 2/21/66

Magnetic declination
4° E.
Annual change 4'20" W.

Plane coordinates are
based on Lambert
projection, Kentucky,
South Zone; transverse
Mercator projection,
Missouri, East Zone,
Illinois, West Zone

Crosses indicate
isolated permanent
marks established
prior to 1930



INDEX OF PERMANENT MARKS

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TT 91 TN 1929	1		
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TT 93 TN 1929	1		
TT 94 TN 1929	1		
TT 95 TN 1929	1		
TT 96 TN 1929	1		
TT 97 TN 1929	1		
TT 98 TN 1929	1		
TT 99 TN 1929	1		
TT 100 TN 1929	2		574
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TT 14 TWC 1950	4		1258
TT 15 TWC 1950	5		509
TT 22 TWC 1950	1		516
TT 23 TWC 1950	5		1292A
TT 24 TWC 1950	1		524
TT 25 TWC 1950	1		536
TT 26 TWC 1950	2		
USCGS			
COLUMBUS WATER TANK 1929	2,2	2,3	0=500
MATHIS 1929	2,3	1,4	578=1016
WICKLIFFE 1929	2,3	5	1307
A 17 1933	2,3	2,3	0A=502
Y 132 1946	2	4	969A
N 132 1949	2	2	565A
USED			
A 17 1 8	1		
A 17 6 8	3	4	967A
STATION			
DESCRIPTION	LATITUDE	LONGITUDE	
PLANE COORDINATES, FEET	"	"	
ISOLATED PERMANENT MARKS			
S. H. Moyers, 1926; Books C7829, C7854; E. M. Thompson, 1929; Book C9046-47			
Wickliffe, 4.2 mi E. of, along Slater Road; 180 ft from point of rd. forks; in concrete post; standard tablet stamped "H 5 1926" (Reported destroyed, 1950)			
Ky. S.) X = 1,041,271	Y = 255,680	36 59 23.43	89 01 59.58
Mo. E.) X = 928,400	Y = 424,304		

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		"	"
Wickliffe, 3.0 mi NE. of, along Barlow Road; in NE. corner of private rd. fork E.; in concrete post; standard tablet stamped "H 4 1926" (Note: Tablet has been moved 50 ft E.)			
Ky. S.) X = 1,031,073	Y = 258,311	36 59 45.91	89 04 06.35
Mo. E.) X = 918,081	Y = 426,421		
Wickliffe; at W. approach to courthouse; on N. side of steps; in concrete wall; standard tablet stamped "H 3 1926"			
Ky. S.) X = 1,024,704	Y = 247,306	36 57 54.94	89 05 20.01
Mo. E.) X = 912,270	Y = 415,109		
Wickliffe; 120 ft SW. of RR. station; in SE. corner of yard to section house; in concrete post; standard tablet stamped "H 2 1926"			
Ky. S.) X = 1,023,879	Y = 247,276	36 57 54.35	89 05 30.16
Mo. E.) X = 911,448	Y = 415,038		
Wickliffe, 2.2 mi NW. of; 20 ft S. of centerline of rd. crossing southbound track of Illinois Central Railroad; 3 ft E. of crossing sign; 10 ft W. of center of track at cattle guard; in concrete post; standard tablet stamped "TT 91 TN 1929" (Reported destroyed, 1951)			
Ky. S.) X = 1,017,460	Y = 256,867	36 59 26.88	89 06 53.41
Mo. E.) X = 904,555	Y = 424,297		
Wickliffe; on left bank of Mississippi River; 200 ft N. of U. S. Highway 51; in front of Mobile & Ohio Railroad station; between southbound track and edge of RR. property; on 4-in. iron pipe set in concrete tile; USED standard cap stamped "A 17 1 8"			
Ky. S.) X = 1,023,806	Y = 247,429	36 57 55.84	89 05 31.13
Mo. E.) X = 911,367	Y = 415,187		
Wickliffe, 3.4 mi S. of; at Winford Station; 20 ft N. and 35 ft W. of M. & O. RR. at hwy. crossing; 430 ft E. of center of concrete bridge over Mayfield Creek; in concrete post; standard tablet stamped "TT 92 TN 1929"			
Ky. S.) X = 1,032,335	Y = 233,298	36 55 39.17	89 03 40.00
Mo. E.) X = 920,595	Y = 401,499		
Winford, 3.1 mi SW. of station, along M. & O. RR.; at Adams Bridge; 50 ft N. of rd. fork; 10 ft S. and 10 ft E. of NE. corner of trestle No. 48145; in concrete post; standard tablet stamped "TT 93 TN 1929"			
Ky. S.) X = 1,023,523	Y = 220,700	36 53 31.61	89 05 22.97
Mo. E.) X = 912,423	Y = 388,473		
Laketon; 150 ft S. of station; 10 ft N. and 25 ft W. of rd. crossing M. & O. RR.; in concrete post; standard tablet stamped "TT 94 TN 1929" (Reported destroyed, 1950)			
Ky. S.) X = 1,019,738	Y = 210,416	36 51 48.66	89 06 05.05
Mo. E.) X = 909,158	Y = 378,010		
Laketon, 2.5 mi S. of, along M. & O. RR.; 1.9 mi N. of Burkley; 10 ft S. of rd. crossing RR.; 150 ft NW. of milepost No. 477; in concrete post; standard tablet stamped "TT 95 TN 1929" (Reported not found, 1951)			
Ky. S.) X = 1,020,907	Y = 197,213	36 49 38.60	89 05 44.92
Mo. E.) X = 910,987	Y = 364,880		
Burkley, 1.0 mi S. of, along Old Ridge Road to Columbus; 100 ft N. and 50 ft W. of private T-rd. E. at Carlisle-Hickman County line; 70 ft E. of NW. corner of residence of Howard Jones; in concrete post; standard tablet stamped "TT 96 TN 1929" (Reported not found, 1951)			
Ky. S.) X = 1,020,829	Y = 185,471	36 47 42.54	89 05 40.76
Mo. E.) X = 911,499	Y = 353,148		
Laketon, 3.0 mi E. of; 2.9 mi W. of Bardwell, along Bardwell-Laketon pike; 40 ft S. and 15 ft W. of center of plank bridge over small stream at residence of Owen Reel; 10 ft N. of centerline of rd.; in concrete post; standard tablet stamped "TT 105 TN 1929" (Reported not found, 1950)			
Ky. S.) X = 1,031,871	Y = 209,999	36 51 48.77	89 03 35.66
Mo. E.) X = 921,298	Y = 378,202		

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		"	"

Columbus; 20 ft S. and 15 ft W. of SW. corner of schoolhouse; 50 ft N. of rd.; in concrete post; standard tablet stamped "TT 97 TN 1929" (Reported destroyed, 1950)

Ky. S.) X = 1,017,772 Y = 171,815 36 45 26.52 89 06 12.36
Mo. E.) X = 909,128 Y = 339,352

Columbus, 3.3 mi E. of; 5.0 mi SW. of Arlington, along Spring Hill Road; 10 ft S. and 15 ft E. of private entrance to barn of Alexander Wrenn; about 460 ft E. of iron bridge over Bowles Creek; in concrete post; standard tablet stamped "TT 98 TN 1929" (Reported destroyed, 1950)

Ky. S.) X = 1,033,000 Y = 170,443 36 45 18.26 89 03 04.76
Mo. E.) X = 924,406 Y = 338,745

Arlington, 2.2 mi S. of, along I. C. RR.; 15 ft N. and 10 ft W. of centerline of rd. crossing southbound track; 15 ft N. and 40 ft E. of center of wooden bridge; in concrete post; standard tablet stamped "TT 99 TN 1929" (Reported destroyed, 1951)

Ky. S.) X = 1,044,468 Y = 169,123 36 45 09.16 89 00 43.37
Mo. E.) X = 935,930 Y = 338,001

Arlington, 2.6 mi N. of; 3.3 mi S. of Bardwell; 80 ft N. and 10 ft E. of center of I. C. RR. trestle over rd.; at milepost No. 351.4; 180 ft N. of signal tower No. 3812; in concrete post; standard tablet stamped "TT 101 TN 1929"

Ky. S.) X = 1,044,887 Y = 196,145 36 49 36.34 89 00 49.70
Mo. E.) X = 934,994 Y = 365,015

LINE 1.

T. W. Cayce, 1950; Book AH 176 a

509. Coulter, 1.0 mi SW. of, along St. Louis and Southwestern RR. to second crossing, thence 0.7 mi SE. (left) along graveled rd. to T-rd. S.; 30 ft S. and 27 ft W. of junction of T-rd. S.; 2 ft NE. of fence corner; in concrete post; standard tablet stamped "TT 23 TWC 1950". Azimuth to center of chimney on two-story white frame house about 0.8 mi distant: 356°43'30".

Ky. S.) X = 977,066 Y = 217,135 36 52 39.76 89 14 52.84
Mo. E.) X = 866,199 Y = 382,583

512a. T-rd. W.

Ky. S.) X = 983,727 Y = 216,986 36 52 40.72 89 13 30.85
Mo. E.) X = 872,860 Y = 382,768

516. Wyatt, 1.1 mi S. of, along graveled rd. to T-rd. E.; 30 ft S. and 27 ft W. of junction of T-rd. E.; 3 ft E. of power-line pole; 13 ft S. of small drainage ditch; in concrete post; standard tablet stamped "TT 24 TWC 1950". Azimuth to N. gable of small white house about 0.5 mi distant: 01°46'30".

Ky. S.) X = 983,899 Y = 222,204 36 53 32.34 89 13 31.21
Mo. E.) X = 872,760 Y = 387,988

519+. Crossroads

Ky. S.) X = 987,870 Y = 222,066 36 53 32.42 89 12 42.18
Mo. E.) X = 876,743 Y = 388,049

522+. Center of steel bridge over stream

Ky. S.) X = 997,082 Y = 221,820 36 53 33.31 89 10 48.74
Mo. E.) X = 885,957 Y = 388,265

524. Wyatt, 1.1 mi S. of, along graveled rd. to T-rd. E., thence 2.7 mi along T-rd. to cross road; 23 ft S. and 28 ft W. of crossroads; 71 ft NE. of NE. corner of shack; in concrete post; standard tablet stamped "TT 25 TWC 1950"

Ky. S.) X = 997,882 Y = 221,773 36 53 33.13 89 10 38.88
Mo. E.) X = 886,759 Y = 388,259

529a. Crossroads

Ky. S.) X = 1,000,324 Y = 217,823 36 52 54.97 89 10 07.09
Mo. E.) X = 889,296 Y = 384,435

536. Wyatt, 1.1 mi S. of, along graveled rd. to T-rd. E., thence 2.7 mi E. along graveled rd. to crossroads, thence 2.1 mi SE. along dirt rd. to levee; 24 ft SE. of T-rd. junction and in line with centerline of T-rd.; 28 ft landside of levee; in concrete post; standard tablet stamped "TT 26 TWC 1950"

Ky. S.) X = 1,005,178 Y = 213,381 36 52 12.81 89 09 05.41
Mo. E.) X = 894,467 Y = 380,242

539a. Centerline of levee crossing

Ky. S.) X = 1,002,344 Y = 210,316 36 51 41.52 89 09 38.90
Mo. E.) X = 891,790 Y = 377,038

575. USCGS standard triangulation station disk stamped "MATHIS 1929"

Ky. S.) X = 1,020,228 Y = 209,024 36 51 35.074 89 05 58.407
Mo. E.) X = 909,719 Y = 376,644

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		"	"

LINE 2.

T. W. Cayce, 1950; Book AH 176 a

500. USCGS standard triangulation station designated "COLUMBUS WATER TANK 1929"

Ky. S.) X = 1,017,932 Y = 172,295 36 45 31.314 89 06 10.607
Mo. E.) X = 909,265 Y = 339,840

502. Columbus; in SW. corner of schoolyard; about 160 ft W. of SW. corner of school building; 50 ft N. of centerline of State Highway 58 at junction with Main Street; in concrete post; USCGS standard disk stamped "A 17 1933"

Ky. S.) X = 1,017,635 Y = 171,888 36 45 27.19 89 06 14.08

503a. Center of triangle at T-rd. S.

X = 1,018,234 Y = 171,499 36 45 23.56 89 06 06.56

505+. Center of steel bridge over RR.

X = 1,019,739 Y = 170,961 36 45 18.77 89 05 47.84

510+. T-rd. N.

X = 1,022,660 Y = 169,699 36 45 07.32 89 05 11.42

519. Columbus, 1.5 mi E. of school, along State Highway 58, thence 0.4 mi N. along graveled rd. to T-rd. E.; 40 ft N. and 32 ft E. of T-rd. E.; 5 ft S. of SW. fence corner of wooded pasture; at start of old W.P.A. rd. paved for about 600 ft; in concrete post; standard tablet stamped "TT 8 TWC 1950"

X = 1,026,521 Y = 170,426 36 45 15.84 89 04 24.32

528+. Center of steel bridge over creek

X = 1,032,622 Y = 170,511 36 45 18.80 89 03 09.43

536a. Junction of Y-rds.

X = 1,035,154 Y = 171,468 36 45 29.13 89 02 38.75

538. Arlington, 2.8 mi S. of, along graveled rd. paralleling I.C. RR. to T-rd., thence 1.2 mi W. along dirt and graveled rd.; 29 ft E. of centerline of rd.; 6 ft W. of wire fence; 22 ft SE. of 4-in. elm tree; in right-angle curve; in concrete post; standard tablet stamped "TT 9 TWC 1950". Azimuth to E. eave of roof of smoke house: 87°44'45"

X = 1,036,249 Y = 171,056 36 45 25.44 89 02 25.13

540+. T-rd. S.

X = 1,036,655 Y = 169,982 36 45 14.97 89 02 19.68

549+. T-rd. N.

X = 1,039,586 Y = 171,205 36 45 28.06 89 01 44.21

565A. Arlington, about 2.6 mi S. of station, along I.C. RR.; about 5.6 mi N. of station at Clinton; at dim public rd. crossing; at S. end of long trestle across Obion Creek; 16 ft E. of E. rail of E. track; 27 ft N. of centerline of dim rd.; 100 ft N. of signal relay box; 2 ft below track; in concrete post projecting 4 in.; USCGS standard disk stamped "N 132 1949"

X = 1,044,518 Y = 169,133 36 45 09.27 89 00 42.76

566+. Centerline of southbound (West) track over centerline of creek

X = 1,044,487 Y = 169,534 36 45 13.23 89 00 43.31

569+. Centerline of southbound (West) track at rd. crossing

X = 1,044,501 Y = 174,672 36 46 04.01 89 00 45.31

574. Arlington; 620 ft S. of station; 35 ft N. and 10 ft E. of centerline of rd. crossing northbound (East) track of I. C. RR.; 35 ft N. and 30 ft W. of center of wooden bridge; in concrete post; standard tablet stamped "TT 100 TN 1929"

X = 1,044,543 Y = 182,464 36 47 21.02 89 00 48.07

575+. T-street N. in town of Arlington

X = 1,044,860 Y = 182,496 36 47 21.45 89 00 44.19

Enters Fancy Farm quadrangle

LINE 3.

T. W. Cayce, 1950; Book AH 176 a

O=500. USCGS standard triangulation station designated "COLUMBUS WATER TANK 1929" (Also in line 2)

Ky. S.) X = 1,017,932 Y = 172,295 36 45 31.314 89 06 10.607
Mo. E.) X = 909,265 Y = 339,840

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET			
OA=502.	"A 17 1933" (Described in line 2)		
Ky. S.)	X = 1,017,635	Y = 171,888	36 45 27.19
Mo. E.)	X = 908,988	Y = 339,419	89 06 14.08

8.	Columbus, 1.8 mi W. of, along State Highway 58 to E. bank of Mississippi River; thence across river; on W. bank of Mississippi River: 50 ft S. of low water landing for ferry; 15 ft N. of high water landing for ferry; 3 ft E. of 12-in. cottonwood tree; in concrete post; standard tablet stamped "TT 1 TWC 1950"		
Ky. S.)	X = 1,012,343	Y = 174,799	36 45 54.07
Mo. E.)	X = 903,555	Y = 342,060	89 07 20.36
14+.	Centerline of rd. over drainage ditch		
Ky. S.)	X = 1,007,199	Y = 172,176	36 45 26.31
Mo. E.)	X = 898,548	Y = 339,180	89 08 22.38
18+.	Center of concrete bridge over small creek		
Ky. S.)	X = 1,002,591	Y = 173,347	36 45 36.24
Mo. E.)	X = 893,889	Y = 340,123	89 09 19.49
20.	Corner, 3.2 mi E. of, along Columbus rd.; 31 ft N. and 6 ft W. of centerline of rd. over culvert; 12 ft S. and 6 ft W. of 20-in. elm tree; in concrete post; standard tablet stamped "TT 2 TWC 1950"		
Ky. S.)	X = 999,040	Y = 174,988	36 45 51.19
Mo. E.)	X = 890,260	Y = 341,584	89 10 03.84
28.	Corner, 1.5 mi E. of, along Columbus rd.; 100 ft E. of junction of Y-rds.; about 450 ft W. of Puyears Grocery and Saloon; 20 ft N. of centerline of Mississippi County Road U; in concrete post; standard tablet stamped "TT 3 TWC 1950". Azimuth to SW. edge of chimney of Puyears Store: 294°21'45".		
Ky. S.)	X = 994,718	Y = 179,587	36 46 35.10
Mo. E.)	X = 885,712	Y = 345,962	89 10 58.95
32a.	Centerline of crossroads in Corner		
Ky. S.)	X = 986,505	Y = 179,950	36 46 35.76
Mo. E.)	X = 877,491	Y = 345,913	89 12 39.99
35.	Corner, 0.6 mi W. of, along State Highway 55 to drainage ditch crossing; 33 ft S. of centerline of hwy.; 33 ft S. and 49 ft W. of center of steel bridge over drainage ditch; at gate entrance to field; in concrete post; standard tablet stamped "TT 4 TWC 1950"		
Ky. S.)	X = 983,761	Y = 179,993	36 46 35.18
Mo. E.)	X = 874,748	Y = 345,818	89 13 13.71
39a.	Centerline of hwy. at W. end of concrete and steel bridge over main ditch		
Ky. S.)	X = 978,634	Y = 180,154	36 46 34.91
Mo. E.)	X = 869,619	Y = 345,722	89 14 16.76
40+.	T-rd. N.		
Ky. S.)	X = 975,940	Y = 180,230	36 46 34.68
Mo. E.)	X = 866,924	Y = 345,663	89 14 49.88

Enters Charleston quadrangle

LINE 4.

T. W. Cayce, 1950; Book AH 176 a			
962+.	Driveway S. opposite fence line N.		
Ky. S.)	X = 1,047,856	Y = 215,703	36 52 50.63
89 00 21.49			
966a.	Intersection of U. S. Highway 62 and State Highway 51		
X = 1,045,875	Y = 213,965	36 52 32.78	89 00 45.12
967A.	Bardwell; 750 ft N. of I. C. RR. station; 75 ft N. of RR.; 275 ft S. of State Highway 51; E. of wooden RR. trestle; on iron pipe set on concrete tile; USED standard cap stamped "A 17 6 8" (Note: USED position not held)		
X = 1,045,637	Y = 213,828	36 52 31.34	89 00 47.99
968.	Bardwell, 80 ft NW. of RR. station; 15 ft S. and 15 ft W. of centerline of rd. crossing southbound track of RR.; in NE. corner of RR. lawn; in concrete post; standard tablet stamped "TT 102 TW 1929"		
X = 1,045,911	Y = 212,909	36 52 22.35	89 00 44.23

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET			
969A.	Bardwell, 0.2 mi SE. of station, along I.C. RR.; at crossing of State Highway 123; 83 ft NE. of NE. rail of NE. track; 83 ft NW. of centerline of hwy.; 30 ft SW. of SW. edge of concrete street paralleling track; 6 ft SW. of SW. edge of concrete lined ditch; in concrete post projecting 4 in.; USCGS standard disk stamped "Y 132 1948"		
Ky. S.)	X = 1,046,380	Y = 212,105	36 52 14.57
89 00 38.12			
972+.	Center of concrete bridge over Trueman Creek		
X = 1,040,620	Y = 210,026	36 51 52.05	89 01 48.07
975.	Bardwell, 2.0 mi W. of, along State Highway 123; 33 ft N. and 30 ft E. of driveway entrance to residence of Will Ray; 3 ft E. of telephone pole; in concrete post; standard tablet stamped "TT 14 TWC 1950" Azimuth to SW. edge of chimney on W. end of house: 128°36'30".		
X = 1,037,595	Y = 209,455	36 51 45.37	89 02 25.03
982+.	Y-rds. at offset cross road		
X = 1,032,072	Y = 203,649	36 50 46.09	89 03 30.45
1005.	Laketon, 2.2 mi E. of, along graveled rd. up bluff to T-rd.; 21 ft N. and 29 ft E. of center of triangle formed by T-rd.; 2 ft SW. of NW. fence corner of hog lot; 16 ft W. of telephone pole No. 8; in concrete post; standard tablet stamped "TT 15 TWC 1950"		
X = 1,028,359	Y = 207,809	36 51 25.91	89 04 17.90
1009+.	Driveway intersection S.		
X = 1,023,429	Y = 207,978	36 51 25.86	89 05 18.59
1016-578.	USCGS standard triangulation station disk stamped "MATHIS 1929" (Also in line 1)		
Ky. S.)	X = 1,020,228	Y = 209,024	36 51 35.074
Mo. E.)	X = 909,719	Y = 376,644	89 05 58.407
<u>LINE 5.</u>			
T. W. Cayce, 1950; Book AH 176 a			
1258.	Wickliffe, 4.2 mi NE. of, along U. S. Highway 60, thence 2.7 mi E. along graveled rd. to junction of Y-rd.; 195 ft SW. of junction of Y-rd.; 19 ft NW. of centerline of rd.; in concrete post; standard tablet stamped "TT 22 TWC 1950"		
X = 1,042,768	Y = 257,422	36 59 41.16	89 01 41.89
Jogs into Cairo quadrangle			
1292A.	Wickliffe, 2.6 mi NE. of, along U. S. Highway 60; 12 ft SW. of centerline of hwy.; at NW. end of concrete headwall of bridge over Crane Creek; in concrete post; standard tablet stamped "TT 24 TWC 1950"		
X = 1,031,765	Y = 259,165	36 59 54.59	89 03 58.19
1298+.	Centerline of rd. at powerline crossing		
X = 1,026,682	Y = 251,790	36 58 39.94	89 04 57.60
1307.	USCGS standard triangulation station disk stamped "WICKLIFFE 1929"		
Ky. S.)	X = 1,025,015	Y = 249,040	36 58 12.179
Mo. E.)	X = 912,494	Y = 416,855	89 05 16.939