

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-086-22
MAMMOUTH CAVE QUADRANGLE
70 KENTUCKY
N3700-W8600/15
DIAGRAM NJ 16-8
EVANSVILLE

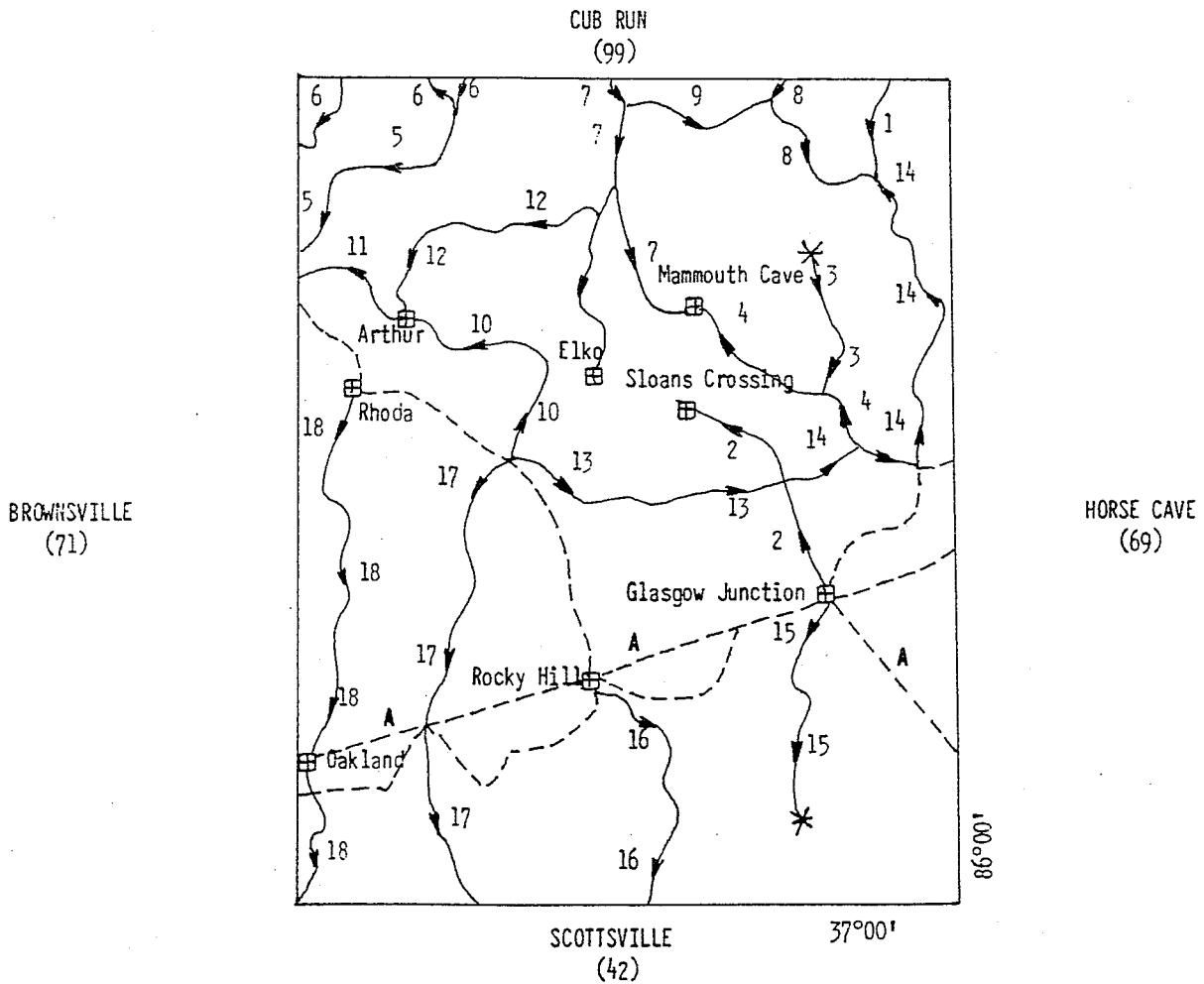
Barren, Edmonson, Hart
and Warren Counties

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Final adjustment of 1972

Edition of 4/25/74

PR: CRV/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370862

* TIE TO ISOLATED CONTROL

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	<u>Feet</u>
ISOLATED BENCH MARKS (By S. H. Birdseye, 1919; Book B 508; R. G. Stevenson, 1921; Book B 1151; F. J. McMaugh, 1921; Book B 1339)	
Oakland, NW. corner of store of W. A. Lewis, 55 ft SE. of Louisville and Nashville Railroad crossing, in stone foundation of store; standard tablet stamped "579 1919" (Not found, 1954)	578.759
Oakland, 3.2 mi N. of, along Louisville-Mashville pike; 53 ft E. of T-rd. S.; 34 ft from corner fencepost; in limestone boulder; standard tablet stamped "PRIM TRAV STA NO 6 1919 KY 602" (Reported destroyed, 1942)	601.516
Cave City, 4.6 mi NW. of, 2.3 mi S. of Northtown; 1.3 mi NW. of Shady Grove Church, on S. side of T-rd. N. into woods; on iron post; standard cap stamped "PRIM TRAV STA NO 26 1920 KY"	632.149
Mammoth Cave, 3.0 mi E. of, 33 ft NW. of T-rd. S.; 9 ft W. of post oak; at fence corner; on S. side of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 28 1920 KY" (Reported destroyed, 1965)	854.084
Sloans Crossing, 3.0 mi S. of Mammoth Cave, 700 ft N. of Francis Store, between railroad and wagon rd., 35 ft E. and 10 ft S. of T-rd. W.; on iron post; standard cap stamped "PRIM TRAV STA NO 23 1920 KY" (Not found, 1953)	834.117
Union Hill School, 0.3 mi SW. of, 1.2 mi N. of Stovall, 25 ft W. of rd. W., 3 ft from fence corner inside fence; on iron post; standard cap stamped "PRIM TRAV STA NO 20 1920 KY COOP 2 McM 1922" (Not found, 1973)	726.722
ISOLATED BENCH MARKS UNDERGROUND INSIDE MAMMOTH CAVE (By H. D. Walker, 1936; Book B 6708)	
The Rotunda, near end of; about 20 ft W. of center of Audubon Avenue; about 20 ft E. of W. wall; in concrete post; standard tablet stamped "AZ. MARK"	600.179
The Rotunda; about 2 ft N. of wall on SE. side; near point of wall at the junction of Main Cave and Audubon Avenue; in concrete post; standard tablet stamped "TT 2 W 1936"	599.134
Gothic Avenue; about 40 ft SE. of intersection with Main Cave; about 15 ft SE. of SE. corner of E. saltpeter vat; about 10 ft N. of S. wall of cave; in concrete post; standard tablet stamped "TT 3 W 1936"	585.962
Main Cave, about 60 ft NW. of intersection of Gothic Avenue; on ledge at N. wall; in edge of path out a small avenue NW.; standard tablet stamped "AZ. MARK NO 2"	592.325
Gothic Avenue; on high ledge overlooking the Main Cave; about 6 ft S. of edge of ledge and about 30 ft E. of pathway along Gothic Avenue; in surface of ledge; standard tablet stamped "AZ. MARK NO 1"	611.093
The Giant's Coffin, about 100 ft S. of; 4 ft W. of E. wall of cave and in line with opening of Dante's Gateway; in concrete post; standard tablet stamped "AZ. MARK NO 1"	580.237
Main Cave, near center of, at point about 110 ft N. of center of Wright's Rotunda; in surface of large rock slab; standard tablet stamped "AZ. MARK NO 2"	593.858
Wright's Rotunda, on a raised semi-circular ledge near center of; in concrete post; standard tablet stamped "TT 5 W 1936"	587.341

MAMMOTH CAVE ISOLATED BENCH MARKS (Cont'd.)Feet

Sunset Avenue, near center of; at point about 100 ft NE. of center of Wright's Rotunda; in surface of large limestone slab; standard tablet stamped "AZ. MARK NO 1"	591.826
The Cataracts, about 10 ft E. of E. edge of pit; about 5 ft N. of path leading to the falls; in top of concrete post; standard tablet stamped "TI 6 W 1936"	588.838
The Cataracts, about 90 ft SE. of; about 20 ft S. and 5 ft W. of sharp turn in foot path along Main Cave; in concrete post; standard tablet stamped "AZ. MARK"	601.571
Blue Spring Avenue and Main Cave Crossing; about 10 ft W. of; in top of concrete post; standard tablet stamped "AZ. MARK"	594.724
Blue Spring Avenue and Main Cave Crossing, about 120 ft SE. of; about 12 ft E. of W. wall and about 10 ft W. of foot path; in top of concrete post; standard tablet stamped "TI 7 W 1936"	591.978
Violet Cuty Entrance, about 170 ft SW. of portal; 50 ft E. of center of rd.; in concrete post; standard tablet stamped "TI 8 W 1936"	716.985
Carmichael Entrance, about 90 ft SW. of; near center of circular loop formed by driveway; in concrete post; standard tablet stamped "AZ. MARK"	708.776
Wooden Bowl Room, 25 ft S. and 25 ft W. of head of stairway leading down to Fat Man's Misery; 27 ft W. of path to Ganter's Avenue; in concrete post; standard tablet stamped "TI 9 W 1936"	558.058
Wooden Bowl Room, 2 ft N. and 18 ft E. of head of stairway; 8 ft N. of path to Giant's Coffin; cemented in surface of ledge; standard tablet stamped "AZ. MARK" (Elevation not determined due to low ceiling)	
Reveler's Hall, 10 ft W. of center of Pensacola Avenue; 4 ft E. of W. wall; 12 ft N. of path to Valley of Humility; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	523.869
Reveler's Hall (junction of Pensacola Avenue, Valley of Humility, and avenue to the Wooden Bowl Room), about 110 ft NW. of; 7 ft N. of center of Pensacola Avenue; 6 ft S. of N. wall; in concrete post; standard tablet stamped "TI 10 W 1936"	516.952
River Hall, near the NW. corner of; 15 ft E. of W. wall and 12 ft W. of path to stairway leading up to Sparks Avenue; cemented in surface of ledge; standard tablet stamped "TI 11 W 1936"	468.473
River Hall, in SE. corner of; 10 ft E. of path to Echo River; 6 ft W. of E. wall; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	462.341
Sahara Desert, near SE. end of, and about 160 ft NW. of Third Arch; 6 ft N. of path and 15 ft S. of N. wall; cemented in surface of large boulder; standard tablet stamped "TI 12 W 1936"	454.056
Third Arch, about 40 ft SE. of; about 140 ft NW. of Fourth Arch; 5 ft N. of path and 10 ft S. of N. wall; cemented in large boulder; standard tablet stamped "AZ. MARK"	452.097
Silliman's Avenue, about 60 ft E. of entrance of Roaring River Avenue; 5 ft N. of S. wall; 8 ft S. of path; in concrete post; standard tablet stamped "TI 13 W 1936"	449.053

MAMMOTH CAVE ISOLATED BENCH MARKS (Cont'd.)Feet

Silliman's Avenue, about 20 ft W. of entrance of Roaring River Avenue; 8 ft N. of path; cemented in surface of large rock slab; standard tablet stamped "AZ. MARK"	440.467
Silliman's Avenue, about 75 ft E. of NW. entrance to Valley Way Side Cut; about 3 ft N. of path; cemented in surface of ledge; about 4 ft above floor; standard tablet stamped "TI 14 W 1936"	483.451
Valley Way Side Cut, in NW. entrance of; 7 ft E. of W. wall; about 40 ft S. and about 20 ft above path in Silliman's Avenue; in concrete post; standard tablet stamped "AZ. MARK"	496.677
Silliman's Avenue, about 80 ft N. of Ole Bull's Concert Hall; about 10 ft W. of E. wall and about 6 ft E. of path; in concrete post; standard tablet stamped "AZ. MARK"	499.003
Ole Bull's Concert Hall, near the center of Silliman's Avenue and in line with centerline of Pass of El Ghor, cemented in surface of ledge; standard tablet stamped "TI 15 W 1936"	498.519
Pass of El Ghor, about 75 ft W. of Queen Victoria's Crown; 2 ft N. of S. wall; 4 ft S. of path; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	508.066
Pass of El Ghor, about 40 ft W. of Queen Victoria's Crown; 5 ft N. of path; cemented in surface of ledge opposite entrance of small avenue running N.; standard tablet stamped "TI 16 W 1936"	507.366
Mary's Vineyard, about 40 ft E. of; in continuation of Cleveland Avenue; 13 ft N. of S. wall and 5 ft S. of N. wall; in concrete post; standard tablet stamped "TI 17 W 1936"	545.828
Cleveland Avenue, about 40 ft W. of Mary's Vineyard; about 6 ft N. of S. wall; about 2 ft S. of path; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	548.820
Junction of Boone Avenue and Martel Avenue, about 20 ft NW. of; 2 ft E. of E. wall of Boone Avenue and 1 ft W. of path; cemented in ledge about 3 ft above floor of cave; standard tablet stamped "TI 22 W 1936"	553.634
Junction of Boone Avenue and Martel Avenue, about 40 ft SE. of; 6 ft W. of E. wall of Martel Avenue and 3 ft W. of path; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	552.548
Fork of Cave, about 40 ft N. of; 4 ft W. of E. wall of Boones Avenue; 1 ft E. of path; cemented in surface of ledge about 4 ft above the floor of the cave; standard tablet stamped "AZ. MARK"	582.194
Fork of Cave, about 80 ft S. of; 5 ft E. of W. wall of Kentucky Avenue; 20 ft W. of path, cemented in surface of ledge about 14 ft above floor of cave; standard tablet stamped "TI 23 W 1936"	592.656
Kentucky Avenue, 3 ft E. of centerline of Morrison Avenue; 4 ft S. of center of Main Cave; in concrete post; standard tablet stamped "AZ. MARK"	602.009
Morrison Avenue, 3 ft E. of W. wall; 5 ft S. of S. wall—line of Main Cave (Kentucky Avenue); 3 ft W. of path; cemented in surface of rock; standard tablet stamped "TI 24 W 1936"	597.447

MAMMOTH CAVE ISOLATED BENCH MARKS (Cont'd.)Feet

Black Onyx Formation, about 20 ft W. of; near center of cave on W. end of high ledge; cemented in rock; standard tablet stamped "TT 25 W 1936"	674.624
Black Onyx Formation, about 100 ft E. of; 10 ft N. of S. wall of cave; 3 ft S. of path; cemented in rock; standard tablet stamped "AZ. MARK"	676.814
Grand Central Station, 12 ft S. of N. wall; 3 ft N. of path; 29 ft E. of path to Adaline's Avenue; in concrete post; standard tablet stamped "TT 26 W 1936"	610.384
Grand Central Station, about 75 ft E. of; 4 ft N. of S. wall; 3 ft S. of path to Lover's Leap; in concrete post; standard tablet stamped "AZ. MARK"	616.265
Sand Avenue, about 100 ft W. of intersection with Grand Junction Avenue; 3 ft N. of path; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	663.854
Sand Avenue, about 40 ft W. of intersection with Grand Junction Avenue; 4 ft N. of S. wall; 2 ft S. of path; cemented in surface of ledge; standard tablet stamped "TT 27 W 1936"	663.381
Frozen Niagara, about 30 ft SW. of; on point of high rock ledge overlooking pit; about 5 ft E. of path; cemented in surface of rock; standard tablet stamped "TT 28 W 1936"	671.858
Frozen Niagara, about 75 ft W. of; 3 ft S. of path and 10 ft N. of S. wall; cemented in surface of large boulder; standard tablet stamped "AZ. MARK"	672.359
Frozen Niagara Entrance of Mammoth Cave, about 255 ft SE. of portal; in clearing on E. slope of hollow; in concrete post; standard tablet stamped "TT 29 W 1936" (Not found, 1953)	690.051
Cleveland Avenue, at Snow Ball Dining Room; 34 ft E. of N. end of lunch counter; 15 ft N. of center of Cleveland Avenue; 10 ft W. of centerline of Marion Avenue; cemented in surface of ledge; standard tablet stamped "TT 18 W 1936"	551.460
Cleveland Avenue, about 200 ft SW. of Snow Ball Dining Room; 5 ft S. of N. wall; 6 ft N. of path; in concrete post; standard tablet stamped "AZ. MARK"	545.542
Cleveland Avenue, opposite and directly in line with entrance to Orpheus Garden; 3 ft N. of S. wall; cemented in surface of ledge; standard tablet stamped "TT 19 W 1936"	546.383
Cleveland Avenue, about 60 ft E. of entrance of Orpheus Garden; about 7 ft S. of N. wall and about 12 ft N. of path; in concrete post; standard tablet stamped "AZ. MARK"	544.515
Cleveland Avenue, about 160 ft E. of entrance of Specimen Avenue; 7 ft S. of N. wall; 12 ft N. of path; in concrete post; standard tablet stamped "TT 20 W 1936"	544.380
Cleveland Avenue, opposite entrance and 18 ft W. of centerline of Specimen Avenue; 5 ft S. of path; 8 ft N. of S. wall; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	546.798
Rocky Mountains, about 40 ft SE. of platform at head of stairs; about 10 ft S. of N. wall of avenue leading to the Maelstrom; in concrete post; standard tablet stamped "TT 21 W 1936"	588.427

MAMMOTH CAVE ISOLATED BENCH MARKS (Cont'd.)Feet

Rocky Mountains, 100 ft W. of platform at head of stairs; 12 ft N. of S. wall of avenue leading to Carmichael Entrance; 20 ft S. of path; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	591.790
New Entrance of Mammoth Cave, about 150 ft NE. of; on N. rim of sink; 305 ft W. of center of rd.; 275 ft E. of guide house; at edge of timber; in concrete post; standard tablet stamped "AZ. MARK"	865.023
New Entrance of Mammoth Cave, about 160 ft SE. of; about 35 ft SE. of path to entrance; cemented in surface of large boulder; standard tablet stamped "TI 38 W 1936" (Reported not found, 1953)	829.374
Frozen Niagara Entrance of Mammoth Cave, about 530 ft SW. of; about 150 ft W. of center of rd.; in clearing on W. slope of hollow; in concrete post; standard tablet stamped "AZ. MARK"	701.061
Cathedral Domes Entrance of Mammoth Cave, about 85 ft SE. of top of steps; on E. slope of hollow; in concrete post; standard tablet stamped "TI 43 W 1936" (Reported not found, 1953)	730.402
Cathedral Domes Entrance of Mammoth Cave, about 120 ft SW. of top of steps; about 8 ft W. of center of path leading to Cave City Pike, along E. side of hollow; in concrete post; standard tablet stamped "AZ. MARK"	736.228
Bottle Hall, about 50 ft W. of; 4 ft N. of S. wall in Martel Avenue; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	495.073
Bottle Hall (junction of Bransford's Way and Martel Avenue), about 25 ft SW. of; 10 ft N. of S. wall in Martel Avenue; cemented in surface of ledge; standard tablet stamped "TI 30 W 1936"	494.639
Bransford's Way, about 14 ft N. of junction with Hawk's Way; about 3 ft E. of path; cemented in surface of ledge; standard tablet stamped "TI 31 W 1936"	500.797
Bransford's Way, about 30 ft S. of junction with Hawk's Way; near center of Bransford's Way; standard tablet stamped "AZ. MARK"	501.212
Cathedral Domes, about 2 ft from SE. wall of Fourth Dome; 1 ft N. and 25 ft E. of entrance of Becky's Alley; in concrete post; standard tablet stamped "TI 32 W 1936"	503.179
Cathedral Domes, about 8 ft S. of NW. wall of Fifth Dome; about 15 ft NE. of Hawk's Pit; 5 ft N. and 10 ft E. of entrance to Hawk's Way; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	509.052
Becky's Alley, about 12 ft S. and 8 ft E. of foot of stairway leading to Robertson Avenue; cemented in floor near N. wall; standard tablet stamped "TI 33 W 1936"	520.162
Becky's Alley, about 10 ft S. of, thence about 30 ft E. of foot of stairway leading to Robertson Avenue; about 4 ft above floor; cemented in surface of ledge near N. wall; standard tablet stamped "AZ. MARK"	522.147
Robertson Avenue, about 610 ft S. of its junction with Becky's Alley; 2 ft N. and 5 ft E. of junction with un-named avenue running E.; about 4 ft above path; cemented in surface of ledge; standard tablet stamped "TI 34 W 1936"	549.014

MAMMOTH CAVE ISOLATED BENCH MARKS (Cont'd.)

	<u>Feet</u>
Robertson Avenue, about 730 ft S. of its junction with Becky's Alley and about 110 ft S. of junction of an un-named avenue running E.; about 2 ft from E. wall; cemented in surface of ledge; standard tablet stamped "AZ. MARK"	548.104
Robertson Avenue, about 30 ft SE. of foot of stairway leading to Mickerson Avenue; at W. edge of path; in concrete post; standard tablet stamped "TT 35 W 1936"	544.916
Robertson Avenue, about 60 ft SE. of foot of stairway leading to Mickerson Avenue; cemented in surface of ledge near W. wall; standard tablet stamped "AZ. MARK"	543.425
Fox Avenue, about 5 ft S. and 4 ft W. of foot of stairway leading up to Mickerson Avenue; cemented in surface of ledge at W. edge of path; standard tablet stamped "TT 36 W 1936"	550.925
Fox Avenue, about 40 ft E. of foot of stairway leading up to Mickerson Avenue; about 5 ft above path; cemented in surface of ledge on S. wall; standard tablet stamped "AZ. MARK"	551.707
Fox Avenue, about 20 ft NE. of foot of stairway to Big Gypsum Avenue; about 4 ft above the path; cemented in surface of ledge on N. wall; standard tablet stamped "AZ. MARK"	560.588
Big Gypsum Avenue, 10 ft S. and 5 ft W. of head of stairway leading down to Fox Avenue; at W. edge of path; in concrete post; standard tablet stamped "TT 37 W 1936"	567.957

LINE 1.

By G. W. Moore, 1930; Book B 3832

Lick Log School, 2.0 mi N. of, 0.5 mi S. of mouth of Cub Run, 36 ft E. of rd., 60 ft W. of SW. corner of residence of Thomas John, 28 ft W. and 12 ft N. of fence corner, in top of limestone ledge; standard tablet stamped "TT STA NO 9 L 1930"	549.415
Lick Log School, 5 ft N. of W. corner of, 45 ft E. of rd., 0.4 mi N. of rd. forks N., in concrete post; standard tablet stamped "TT STA NO 8 L 1930"	775.442

LINE 2.

By G. W. Moore, 1930; Book B 3831

Park City, about 1.0 mi NE. of, along Louisville and Nashville Railroad from crossing of RR. and State Highway 255; 56.5 ft NW. and across First Street from NW. rail of NW. track; 17 ft NW. of centerline of First Street; 51 ft NE. of centerline of Underwood Street; 32.5 ft S. of S. corner of porch on frame house; 31 ft NE. of power pole which bears a street light; 36 ft E. of fire hydrant; 1 ft NW. of NW. edge of concrete sidewalk; 1.5 ft above level of street; on iron pipe projecting 12 in.; standard exp stamped "PRIM TRAV STA NO 22 1920 KY 650.114" (Tied by NGS, 1943)	649.936
Chaumont, 0.4 mi SW. of, 110 ft N. and 26 ft E. of NE. corner of Cedar Hill Church, 64 ft S. of E.-W. rd., 30 ft W. of rd. to Chaumont, 21 ft W. and 1 ft S. of fence corner, in concrete post; standard tablet stamped "TT STA NO 4 L 1930"	889.334

LINE 3.

By G. W. Moore, 1930; Book B 3832

Little Hope School, 2.1 mi N. of along rd. to Chestnut Grove School, 156 ft NW. of mail boxes in triangle of rd. forks, 26 ft SW. of fence corner, along fence line on E. side of rd., in concrete post; standard tablet stamped "TT STA NO 13 L 1930" (Not found, 1953)	818.167
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LINE 4.

By G. W. Moore, 1930; Book B 3832

Little Hope School, 0.3 mi W. of, 3.1 mi SE. of Mammoth Cave, along Cave City Pike, 53 ft W. and 23 ft S. of rd. forks S., at New Entrance to Mammoth Cave, in concrete post; standard tablet stamped "TT STA NO 12 L 1930" *Reported leaning 6-95 PH*

877.328

LINE 5.

By G. W. Moore, 1930; Book B 3830

Ollie, 0.4 mi SW. of post office, 33 ft W. of forks, 9 ft SW. of 8-in. oak tree, in center of rd. NW.; on iron post; standard cap stamped "PRIM TRAV STA NO 2 1920 KY" (Not found, 1953)

816.314

Temple Hill School, 60 ft SE. of, across rd. in rock outcrop; standard tablet stamped "11 M 1930"

725.322

LINE 6.

By G. W. Moore, 1930; Book B 3830

"PRIM TRAV STA NO 2 1920 KY" (Described in line 5)

816.314

U. E., Second Creek, 80 ft SW. of mouth of, NW. edge of rd., on SE. edge of river bank, on rock outcrop; chiseled square

427.02

Nolin River, 2.5 mi above mouth of, 1.4 mi NE. of Poplar Spring School, about 600 ft above mouth of Second Creek on opposite side of river, beside fence line on W. bank of Nolin River; on iron post; standard cap stamped "U S ENGR DEPT LOUISVILLE OFFICE B M NO 2" (Not found, 1953)

Cap 445.928
Base 441.932

LINE 7.

By G. W. Moore, 1930; Book B 3830

Stockholm School, 1.5 mi S. of, 460 ft NW. of residence of J. A. Meredith, 45 ft SW. of rd. forks, on iron post; standard cap stamped "PRIM TRAV STA NO 30 1920 KY"

784.031

Mammoth Cave Park Visitors Center Plaza, about 0.2 mi SE. of, along Park Headquarters-Sloans Crossing Road to intersection of rd. W. to Mammoth Cave Hotel; 32 ft SW. of invert of 18-in. C. M. pipe under Park Headquarters-Sloans Crossing Road; 153 ft NE. of fire hydrant; in concrete filled stovepipe; standard tablet stamped "PRIM TRAV STA NO 29 1920 KY RESET 1960" (Elevation lost by reset)

LINE 8.

By G. W. Moore, 1930; Book B 3830

Whiteoak School, 950 ft E. of, 17 ft S. and 23 ft E. of rd. forks, in field in angle of rail fence, in concrete post; standard tablet stamped "TT STA NO 17 L 1930" (Not found, 1953)

838.197

1930

LINE 9.

By G. W. Moore, 1930; Book B 3830

Little Jordan School, 0.7 mi W. of, 196 ft SE. of SE. corner of house of John Poteet, 600 ft NE. of rd. forks, on top of hill, in field 1 ft N. of fence, 26 ft E. of gate to house and field, 18 ft N. of rd., in concrete post; standard tablet stamped "TT STA NO 16 L 1930"
(Destroyed, 1954)

657.024

LINE 10.

By G. W. Moore, 1930; Book B 3831

Silent Grove Church, 22 ft NE. of NE. corner of, 50 ft S. and 67 ft W. of crossroads, in NE. corner of church yard, in concrete post; standard tablet stamped "TT STA NO 1 L 1930"

720.375

U. E., Silent Grove Church, 1.0 mi NW. of, 50 ft SE. of rd. forks at sharp bend in main rd., 11 ft S. of rd., top of large rock outcrop; chiseled square

749.14

Arthur, 0.2 mi WW. of store, 58 ft W. and 36 ft N. of T-rd. N., 28 ft W. of fence corner, on S. side of fence, in concrete post; standard tablet stamped "TT STA NO 2 L 1930"

674.629

LINE 11.

By G. W. Moore, 1930; Book B 3831

Cade, 0.3 mi S. of, 18 ft S. and 10 ft W. of angling crossroads, in line with rd. N., 10 ft S. and 15 ft W. of gate across rd. S., in concrete post; standard tablet stamped "TT STA 14 L 1930"

762.124

Elko, 2.2 mi NW. of Sloans Crossing, 30 ft SW. of Joppa Church, 180 ft W. of T-rd. N., in concrete post; standard tablet not stamped (Destroyed, 1954)

764.482

LINE 12.

By G. W. Moore, 1930; Book B 3831

Cade, 3.0 mi W. of, 0.4 mi SE. of mouth of Buffalo Creek, 180 ft E. of store of J. A. Davis, 44 ft W. of gate to field, 20 ft N. of rd., 2 ft S. of fence, in concrete post; standard tablet stamped "TT STA NO 15 L 1930"

653.878

LINE 13.

By G. W. Moore, 1930; Book B 3831

Brownsville, about 7.0 mi SE. of; 20 ft NE. of centerline of hwy.; 13 ft E. of 24-in. maple tree; 2 ft NE. of stone wall; on iron pipe projection 1 ft.; standard cap stamped "PRIM TRAV STA NO 24 1920 KY" (Tied by NGS, 1935)

736.498

Liberty, 2.1 mi E. of, on N. side of rd. to Chaumont, 600 ft W. of residence of W. H. Whittle on S. side of rd.; 144 ft S. of farmhouse; 11 ft N. of corner of fence running N. and E.; in concrete post; standard tablet stamped "TT STA NO 3 L 1930"

801.267

1930

LINE 14.

By G. W. Moore, 1930; Book B 3832

Highland Springs, 650 ft E. of church, 50 ft E. and 11 ft S. of rd. forks NE., 13 ft W. of gate,
in concrete post; standard tablet stamped "TT STA NO 5 L 1930"

938.337

LINE 15.

By C. M. Nichols, 1953; Book AV 344

"F 7 1921" (NGS)

644.864

Glasgow Junction, 2.6 mi S. of, at Mt Vernon Church of Christ, on E. end of lower step leading
to church, 90 ft SW. of and 4 ft higher than junction of State Highway 467 and drive N.;
standard tablet stamped "5 CMN 1953 726"

726.214

Reference mark, 65 ft N. of tablet, on W. end of headwall, in front of church; chiseled square

722.92

Glasgow Junction, 4.3 mi S. of, 1.4 mi N. of Bonayr Baptist Church, in N. end of concrete porch
at Bellamys Grocery, 90 ft NE. of and 3 ft higher than center of crossroads; standard tablet
stamped "6 CMN 1953 752" (Destroyed, 1973)

751.867

Bonayr, 0.2 mi E. of, 100 ft S. of rd., 250 ft E. and 2 ft N. of SE. corner of Bonayr Baptist
Church; on iron post; standard cap stamped "4 McM 1922 KY" (Not found, 1973)

770.011

LINE 16.

By C. M. Nichols, 1953; Book AV 344

"U 74 1935" (NGS)

624.500

U. E., Rocky Hill, 1.1 mi S. of along gravel rd., on W. side of S. concrete abutment of wooden
bridge over Sinking Creek; chiseled square

597.11

Rocky Hill, 2.2 mi SE. of, 2.3 mi N. of Merry Oaks, in NW. corner of lower step at Oak Grove
Methodist Church, 100 ft NE. of and 8 ft higher than center of rd.; standard tablet stamped
"7 CMN 1953 645"

644.829

Merry Oaks, 0.1 mi N. of, 20 ft NE. and 2.5 ft higher than junction of rd. and drive to Merry
Oaks Methodist Church, 15 ft E. of center of rd., in concrete post; standard tablet stamped
"8 CMN 1953 694"

693.913

Merry Oaks, 1.6 mi S. of, at T-rd. W., 15 ft NE. of and 1.5 ft higher than T-rd. W., 3 ft SW. of
fence corner, in concrete post; standard tablet stamped "9 CMN 1953 681" (Not found, 1973)

680.642

1953

LINE 17.

feet

By C. M. Nichols, 1953; Book AV 344

"PRIM TRAV STA NO 24 1920 KY" (Described in line 13)	736.498
Pig Settlement, along SW. side of State Highway 65, 80 ft W. of intersection of Hwy. 65 and graveled crossroad, 22 ft SW. of center of hwy., 4 ft E. of white witness post, 3 ft NE. of fence, in concrete post; NGS standard triangulation-station stamped "PIG 1952"	732.679
Pig Settlement, 1.9 mi S. of, 5.4 mi N. of Smiths Grove, 27 ft W. and 5 ft higher than junction of T-rd. E., in concrete post; standard tablet stamped "10 CMN 1953 683"	682.560
Pig Settlement, 3.2 mi S. of, 4.2 mi N. of Smiths Grove, 90 ft W. of and 3 ft lower than T-rd., in concrete base of cistern pump; standard tablet stamped "11 CMN 1953 599"	599.400
Reference mark, 115 ft NE. of tablet, on W. end of N. concrete culvert headwall, 15 ft N. of T-rd.; chiseled square	602.92
Smiths Grove, 2.2 mi N. of, 38 ft W. and level with junction of rd. SE., 5 ft W. of gate post, in concrete post; standard tablet stamped "12 CMN 1953 640"	640.334
Smiths Grove, 1.6 mi S. of, at junction of U. S. Highway 68 and State Highway 681, on E. end of gas pump base at Curtis's Grocery, 25 ft NW. of and 1 ft lower than crossroads; standard tablet stamped "13 CMN 1953 647"	646.435
Reference mark, on E. end of N. concrete culvert headwall, 35 ft W. of tablet; chiseled square	646.43
Smiths Grove, 3.2 mi S. of, in NE. corner of yard of residence of Willie G. Anderson, 42 ft NW. and 3 ft higher than junction of drive W. and State Highway 681, 3 ft SW. of corner fence post, in concrete post; standard tablet stamped "14 CMN 1953 665"	664.389
Smiths Grove, 5.1 mi S. of, at intersection of State Highway 681 and 701, 50 ft NE. of and 3 ft higher than intersection, 5 ft SE. of corner fence post, in concrete post; standard tablet stamped "15 CMN 1953 653"	653.014

LINE 18.

By C. M. Nichols, 1953; Book AV 344

"E 75 1935" (NGS)	545.990
U. E., Rhoda, 0.3 mi S. of, on SW. end of NW. concrete abutment of steel bridge over Beaver Dam Creek; chiseled square	533.65
Chalybeate Springs, NE. corner of yard of hotel, opposite store, just inside fence corner; on iron post; standard cap stamped "636 1919"	635.361
Chalybeate Springs, 1.4 mi SE. of, 32 ft W. of center of hwy., 2 ft S. of white witness post, 1 ft E. of fence, in concrete post projecting 4 in. above ground; NGS standard azimuth mark disk stamped "CAYTONS 1952"	708.574

LINE 18 (Cont'd.)Feet

Brownsville, 6.0 mi SE. of, on property of Mr. W. P. Cassady, 125 ft NE. of NE. corner of residence of Mr. Cassady, 32 ft W. of center of State Highway 101, 4 ft N. of white witness post, 1 ft E. of fence, in concrete post projecting 2 in.; NGS standard triangulation disk stamped "CAYTONS 1952"	749.694
Reference mark 1, 100 ft N. of station, 32 ft W. of center of hwy., 1 ft E. of fence, in concrete post projecting 2 in.; NGS standard reference disk stamped "CAYTONS NO 1 1952"	748.308
Reference mark 2, 58 ft E. of station, 26 ft E. of center of hwy., 28 ft S. of telephone pole, 1 ft W. of fence, in concrete post projecting 2 in.; NGS standard reference disk stamped "CAYTONS NO 2 1952"	748.854
Rhoda, 5.5 mi S. of, at intersection of U. S. Highway 31W and State Highway 101, on SW. end of NW. concrete culvert headwall, about level with center of triangle; chiseled square	584.84
Rhoda, 5.9 mi S. of, 3.5 mi NE. of Oakland, at junction of U. S. Highway 31W and gravel T-rd. S., on S. end of L-shaped concrete culvert headwall, 47 ft SW. of and 1.5 ft lower than junction; standard tablet stamped "16 CMN 1953 603"	602.376
Reference mark, 66 ft E. of tablet, on E. end of L-shaped concrete culvert headwall; chiseled square	603.80
Rhoda, 7.5 mi S. of, 2.0 mi N. of Oakland, 40 ft SE. and 1.5 ft higher than junction of T-rd. E., 4 ft E. of corner fence post, in concrete post; standard tablet stamped "17 CMN 1953 612"	612.090
Oakland, 25 ft S. of and 1 ft lower than crossing of State Highway 179 and the Louisville and Nashville Railroad, in base of railroad signal light; standard tablet stamped "18 CMN 1953 579"	578.519
Reference mark, 67 ft N. of tablet, on SE. corner of concrete porch of old building, chiseled square	577.73
Oakland, 2.5 mi S. of, 40 ft SW. of and 1 ft lower than triangular-shaped rd. junction, 1 ft E. of fence, in concrete post; standard tablet stamped "19 CMN 1953 608"	607.940

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-086-22
MAMMOTH CAVE QUADRANGLE
70 KENTUCKY
N3700-W8600/15
DIAGRAM NJ 16-8
EVANSVILLE

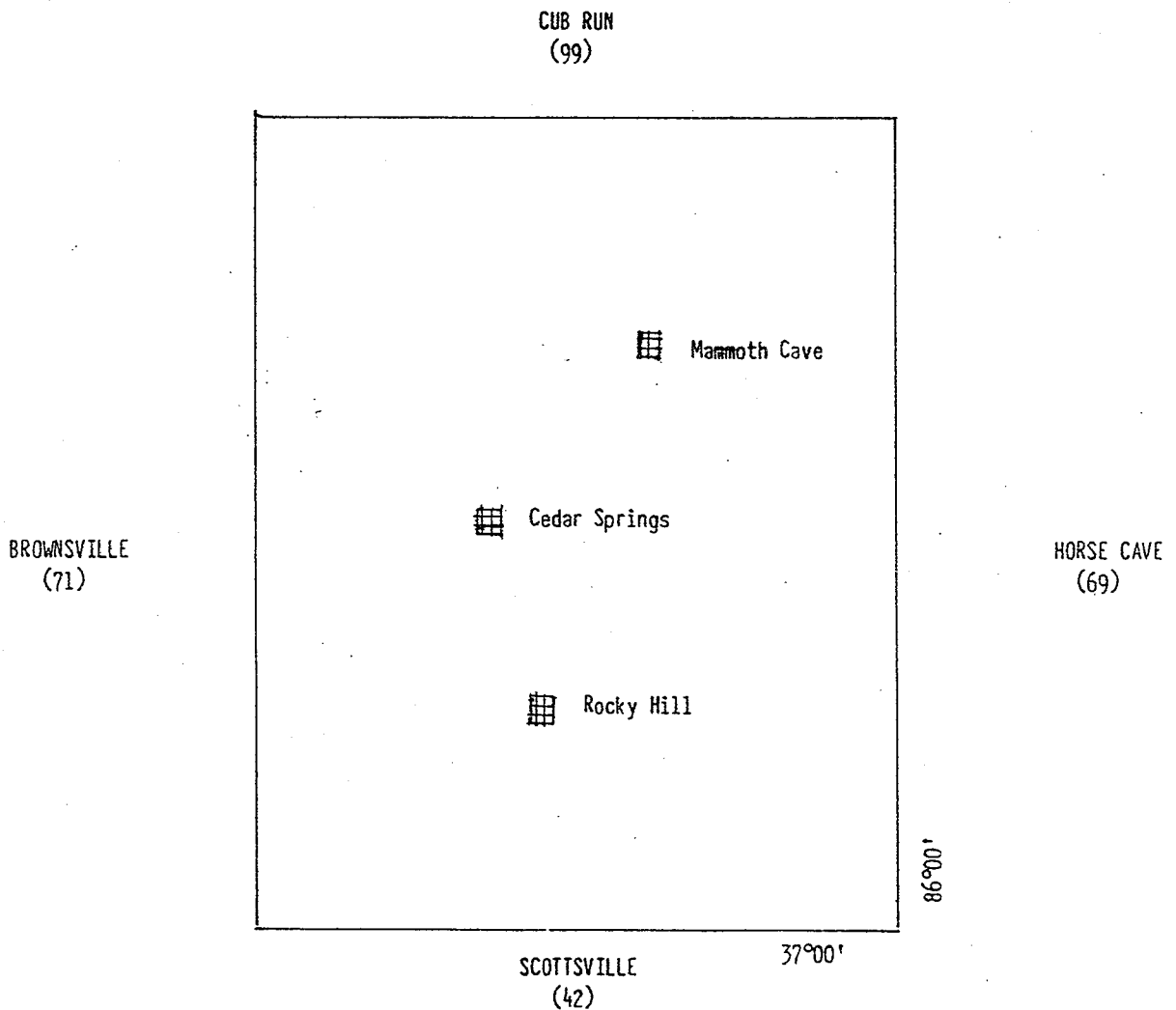
Barren, Edmondson, Hart, and
Warren Counties

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

Edition of 6/7/77

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.

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70 KENTUCKY
MAMMOTH CAVE QUADRANGLE

37-086-22

3

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

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

By H. Yoakum, 1919; Books C4743-8

Oakland, NW. corner of store of W. A. Lewis; 55 ft SE. of Louisville and Nashville Railroad crossing; in foundation of store building; standard tablet stamped "579" (Not found, 1954)

X = 1,854,260	Y = 258,547	37 02 32.71	86 14 57.63
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Oakland, 3.2 mi N. of, along Louisville-Nashville pike; 53 ft E. of T-rd. S.; 34 ft from corner fencepost; in limestone boulder; standard tablet stamped "PRIM TRAV STA NO 6 1919 KY 602" (Reported destroyed, 1942)

X = 1,858,663	Y = 273,283	37 04 58.65	86 14 04.30
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Rhoda; 550 ft SW. of Fount Madison Store; at N. end of W. abutment of iron bridge over Beaver Dam Creek; in second stone from top of abutment; standard tablet stamped "PRIM TRAV STA NO 14 1919 KY"

X = 1,861,115	Y = 299,464	37 09 17.65	86 13 35.64
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Chalybeate Springs; in NE. corner of hotel yard; opposite store; in side fence corner; on iron post; standard cap stamped "PRIM TRAV STA NO 15 1919 KY 636"

X = 1,858,276	Y = 289,183	37 07 35.84	86 14 10.05
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By B. H. Yoakum, 1920; Books C5100-2

Ollie Post Office, 0.5 mi SW. of; 33 ft W. of forks; 9 ft SW. of 8-in. oak tree; in center of rd. NW.; on iron post; standard cap stamped "PRIM TRAV STA NO 2 1920 KY" (Not found, 1953)

X = 1,871,501	Y = 332,261	37 14 42.43	86 11 29.22
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By B. H. Yoakum, 1920; Books C5158-64

Cave City, 5.0 mi NW. of; 2.3 mi S. of Northtown; 1.3 mi NW. of Shady Grove Church on S. side of rd.; at point where rd. turns N. into woods; on iron post; standard cap stamped "PRIM TRAV STA NO 26 1920 KY"

X = 1,927,126	Y = 311,103	37 11 15.24	86 00 00.59
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Mammoth Cave, 3.0 mi E. of; 33 ft NW. of T-rd. S.; 9 ft W. of post oak at corner picket fence; on S. side of rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 28 1920 KY" (Reported destroyed, 1965)

X = 1,910,962	Y = 314,275	37 11 46.13	86 03 20.47
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Mammoth Cave Park Visitors Center Plaza, about 0.2 mi SE. of, along Park Headquarters Sloans crossing rd. to intersection of rd. W. to Mammoth Cave Hotel; 32 ft SW. of invert of 18-in. C. M. pipe under Park Headquarters-Sloans crossing rd.; 153 ft NE. of fire hydrant; in concrete filled stovepipe; standard cap stamped "PRIM TRAV STA NO 29 1920 KY RESET 1960"

X = 1,898,331	Y = 310,581	37 11 09.17	86 05 56.41
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Stockholm, 1.5 mi S. of; 460 ft NW. of house of J. A. Meredith; 45 ft W. of forks; on iron post; standard cap stamped "PRIM TRAV STA NO 30 1920 KY"

X = 1,888,936	Y = 322,568	37 13 07.34	86 07 53.12
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Cave City, 5.0 mi NW. of; 2.3 mi S. of Northtown; 1.0 mi NW. of Bark Road Schoolhouse; on S. side of rd. at point where rd. turns N. into woods; on iron post; standard cap stamped "PRIM TRAV STA NO 36 1920 KY"

X = 1,927,126	Y = 311,103	37 11 15.24	86 00 00.59
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Union Hill School, 0.35 mi SW. of; 1.2 mi N. of Stovall; 25 ft W. of T-rd. W. inside fence; 3 ft from corner fence post; on iron post; standard cap stamped "PRIM TRAV STA NO 20 1920 KY COOP 2 MCM 1922" (Not found, 1973)

X = 1,926,223	Y = 268,516	37 04 14.12	86 00 10.34
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Park City, about 1.0 mi NE. of, along L. & N. RR. from crossing of RR. and State Highway 255; 56.5 ft NW. and across First Street from NW. rail of NW. track; 17 ft NW. of centerline of First Street; 51 ft NE. of centerline of Underwood Street; 32.5 ft S. of S. corner of porch on frame house; 31 ft NE. of power pole which bears a street light; 36 ft E. of fire hydrant; 1 ft NW. of NW. edge of concrete sidewalk; 1.5 ft above level of street; on iron pipe projecting 12 in.; standard cap stamped "PRIM TRAV STA NO 22 1920 KY 650.114"

X = 1,913,356	Y = 276,712	37 05 34.79	86 02 49.42
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By J. M. Lawson, 1930; Books C9497-99; C9500-01

Silent Grove Church; 22 ft NE. of NE. corner of; 50 ft S. and 67 ft W. of center of crossroads; in churchyard; in concrete post; standard tablet stamped "TT STA NO 1 L 1930"

X = 1,874,994	Y = 304,216	37 10 05.29	86 10 44.45
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Arthur, 0.2 mi WNW. of store; 58 ft W. and 36 ft N. of T-rd. N.; 28 ft W. of fence corner on S. side of fence; in concrete post; standard tablet stamped "TT STA NO 2 L 1930"

X = 1,866,120	Y = 307,427	37 10 36.62	86 12 34.28
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Liberty, 2.1 mi E. of; on N. side of rd. to Chaumont; 600 ft W. of house of W. H. Whittles; on S. side of rd.; 144 ft S. of farmhouse; 11 ft N. of corner of fence running N. and E.; in concrete post; standard tablet stamped "TT STA NO 3 L 1930"

X = 1,892,271	Y = 287,065	37 07 16.42	86 07 10.17
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Chaumont, 0.37 mi SW. of; 110 ft N. and 26 ft E. of NE. corner of Cedar Hill Church; 64 ft S. of E.-W. rd.; 30 ft W. of rd. to Chaumont; 21 ft W. and 1 ft S. of fence corner; in concrete post; standard tablet stamped "TT STA NO 4 L 1930"

X = 1,906,545	Y = 288,237	37 07 28.53	86 04 13.97
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Highland Springs, 650 ft E. of church; 50 ft E. and 11 ft S. of intersection of rd. forks NE.; 13 ft W. of gate; in concrete post; standard tablet stamped "TT STA NO 5 L 1930"

X = 1,919,475 Y = 290,609 37 07 52.38 86 01 34.40

Iron Springs School, 0.5 mi W. of; just N. of Barren-Hart County line; 43 ft N. and 3 ft E. of intersection of rd. forks NE.; 3 ft N. of small oak tree in fence corner; in concrete post; standard tablet stamped "TT STA NO 6 L 1930"

X = 1,923,432 Y = 301,835 37 09 43.50 86 00 45.92

Licking School house, 5 ft N. of W. corner of; 45 ft E. of rd.; 0.4 mi N. of rd. forks N.; in concrete post; standard tablet stamped "TT STA NO 8 L 1930"

X = 1,919,268 Y = 322,573 37 13 08.43 86 01 38.12

Hamilton Schoolhouse, 2 ft S., and 11 ft E. of SW. corner of; 200 ft NE. of rd. forks E. to Northtown; in concrete post; standard tablet stamped "TT STA NO 7 L 1930"

X = 1,924,013 Y = 313,540 37 11 39.25 86 00 39.14

Lick log School, 2.0 mi N. of; 0.5 mi S. of mouth of Cub Run; 36 ft E. of rd.; 60 ft W. of SW. corner of residence of Thomas Johns; 28 ft W. and 12 ft N. of fence corner; in top of limestone ledge; standard tablet stamped "TT STA NO 9 L 1930"

X = 1,919,026 Y = 331,584 37 14 37.52 86 01 41.44

Little Hope School, 2.1 mi N. of, along rd. to Chestnut Grove Schoolhouse; 156 ft NW. of mail boxes; in triangle at rd. forks SW.; 26 ft SW. of fence corner along fenceline; on E. side of rd.; in concrete post; standard tablet stamped "TT STA NO 13 L 1930" (Not found, 1953)

X = 1,913,302 Y = 307,400 37 10 38.22 86 02 51.28

STATION DESCRIPTION
PLANE COORDINATES, FEETLATITUDE
° ' "LONGITUDE
° ' "OBSELETE MARKS (Cont'd.)

Elko, 2.2 mi NW. of Sloans Crossing, 30 ft SW. of Joppa Church; 180 ft W. of T-rd. N., in concrete post; standard tablet not stamped (Reported destroyed, 1954)

X = 1,887,713 Y = 302,120 37 09 45.10 86 08 07.20

Cade, 0.3 mi S. of; 18 ft S. and 10 ft W. of intersection of angling crossroads; in line with rd. N.; 10 ft S. and 15 ft W. of gate across rd. S.; in concrete post; standard tablet stamped "TT STA NO 14 L 1930"

X = 1,886,333 Y = 315,690 37 11 59.22 86 08 24.95

By J. M. Lawson, 1930; Books C9500-1, C9505

Cade, 3.0 mi W. of; 0.4 mi SE. of mouth of Buffalo Creek; 180 ft E. of store of J. A. Davis; 44 ft W. of gate to field; 20 ft N. of rd.; 2 ft S. of fence; in concrete post; standard tablet stamped "TT STA NO 15 L 1930"

X = 1,872,845 Y = 316,072 37 12 02.42 86 11 11.68

Little Jordan School, 0.7 mi W. of, along rd.; 196 ft SE. of SE. corner of rd. forks; 26 ft E. of gate; 18 ft N. of rd.; on top of hill; in field 1 ft N. of fence; in concrete post; standard tablet stamped "TT STA NO 16 L 1930" (Reported destroyed, 1954)

X = 1,900,419 Y = 328,047 37 14 01.95 86 05 31.40

White Oak School; 950 ft E. of; 17 ft S. and 23 ft E. of intersection of rd. forks S.; in field at angle; in rail fence; in concrete post; standard tablet stamped "TT STA NO 17 L 1930"

X = 1,910,790 Y = 328,180 37 14 03.61 86 03 23.15

By D. H. Walker, 1936; Book D1796

Glasgow Junction, 5.5 mi NW. of; 3.0 mi S. of Mammoth Cave; 700 ft N. of Francis Store at Sloans Crossing; between RR. and wagon rd.; 10 ft S. and 35 ft E. of T-rd. W.; 16 ft NE. of 18-in. hickory tree; 13 ft SW. of 10-in. oak tree; in concrete post; standard tablet stamped "TT 39 W 1936" (Replaces "PRIM TRAV STA NO 23 1920 KY") (Not found, 1954)

X = 1,898,419 Y = 298,263 37 09 07.38 86 05 54.76

Mammoth Cave, 1.7 mi S. of, along abandoned Mammoth Cave RR.; 1.0 mi NE. of Sloans Crossing; about 200 ft S. of old rd. underpass; 31 ft E. of track; in concrete post; standard tablet stamped "TT 40 W 1936" (Not found, 1954)

X = 1,900,038 Y = 302,376 37 09 48.10 86 05 34.96

Mammoth Cave, 1.63 mi S. of, along abandoned Mammoth Cave RR.; 1.03 mi NE. of Sloans Crossing; about 400 ft N. of old rd. underpass; on top of NE. bank of RR. cut; in concrete post; standard tablet stamped "AZ MARK"

X = 1,900,388 Y = 302,914 37 09 53.44 86 05 30.66

Mammoth Cave, 0.78 mi SE. of; 150 ft S. and 60 ft E. of Y-rd. known as Cave City Crossing; in concrete post; standard tablet stamped "TT 41 W 1936"

X = 1,900,702 Y = 307,041 37 10 34.25 86 05 26.96

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

OBSOLETE MARKS (Cont'd.)

Mammoth Cave, about 0.59 mi SE. of; 820 ft NW. of Cave City crossing; 35 ft N. of abandoned grade of Mammoth Cave RR.; in concrete post; standard tablet stamped "AZ MARK"

X = 1,900,446 Y = 307,999 37 10 43.72 86 05 30.17

Mammoth Cave, 1.73 mi SE. of, along Cave City Pike; 1.56 mi NW. of New Entrance Hotel; about 0.2 mi NW. of Homelike; 49 ft S. of centerline of rd.; in concrete post; standard tablet stamped "TI 42 W 1936" (Not found, 1953)

X = 1,903,314 Y = 304,361 37 10 07.847 86 04 54.572

Mammoth Cave, 1.80 mi SE. of, along Cave City Pike; 1.49 mi NW. of New Entrance Hotel; about 750 ft NW. of Homelike Inn; 66 ft N. of centerline of rd.; 92 ft E. of fork of woods rd.; in concrete post; standard tablet stamped "AZ MARK"

X = 1,903,659 Y = 304,261 37 10 06.87 86 04 50.30

Cathedral Domes Entrance of Mammoth Cave, about 120 ft SW. of top of steps; 8 ft W. of centerline of path leading to Cave City Pike; along E. side of hollow; in concrete post; standard tablet stamped "AZ MARK"

X = 1,906,814 Y = 301,884 37 09 43.47 86 04 11.22

Cathedral Domes Entrance of Mammoth Cave, about 85 ft SE. of top of steps on E. slope of hollow; in concrete post; standard tablet stamped "TI 43 W 1936"

X = 1,906,917 Y = 301,957 37 09 44.20 86 04 09.96

Entrance of Mammoth Cave, about 450 ft SE. of; about 450 ft NW. of hotel and 200 ft W. of guide house; on S. rim of hollow; 2 ft N. of path running W. along rim and 12 ft S. of path leading to entrance; in concrete post; standard tablet stamped "TI 1 W 1936"

X = 1,897,405 Y = 310,733 37 11 10.64 86 06 07.87

Old Entrance of Mammoth Cave, 81 ft NW. of head of stairs; 49 ft N. of centerline of rd. to Green River; 28 ft S. of centerline of foot path leading up hill; in concrete post; standard tablet stamped "AZ MARK"

X = 1,896,947 Y = 311,132 37 11 14.57 86 06 13.54

The Rotunda, near S. end of; about 20 ft W. of centerline of Audubon Avenue; about 20 ft E. of E. wall; in concrete post; standard tablet stamped "AZ MARK"

X = 1,897,546 Y = 310,566 37 11 08.99 86 06 06.11

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

OBSOLETE MARKS (Cont'd.)

The Rotunda, about 2 ft N. of wall at junction of Main Cave and Audubon Avenue; in concrete post; standard tablet stamped "TT 2 W 1936"

X = 1,897,635	Y = 310,571	37 11 09.05	86 06 05.01
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Carmichael Entrance to Mammoth Cave, about 90 ft SW. of near center of circular loop formed by driveway; in concrete post; standard tablet stamped "AZ MARK"

X = 1,900,331	Y = 303,815	37 10 02.34	86 05 31.40
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Little Hope School, 0.3 mi W. of, 3.1 mi SE. of Mammoth Cave; 23 ft S. and 53 ft W. of intersection of rd. forks S. of New Entrance to Mammoth Cave; in concrete post; standard tablet stamped "TT STA NO 12 L 1930"

X = 1,909,033	Y = 299,191	37 09 16.92	86 03 43.70
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New Entrance of Mammoth Cave, about 150 ft NE. of; on N. rim of sink; 305 ft W. of centerline of rd.; 275 ft E. of guide house; at edge of timber; in concrete post; standard tablet stamped "AZ MARK"

X = 1,908,689	Y = 298,430	37 09 09.38	86 03 47.91
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New Entrance of Mammoth Cave, about 160 ft SE. of; about 35 ft SE. of path to entrance; cemented in surface of large boulder; standard tablet stamped "TT 38 W 1936"

X = 1,908,719	Y = 298,177	37 09 06.88	86 03 47.54
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Frozen Niagara Entrance of Mammoth Cave, about 530 ft SW. of; 150 ft W. of centerline of rd.; in clearing on W. slope of hollow; in concrete post; standard tablet stamped "AZ MARK"

X = 1,910,010	Y = 296,796	37 08 53.27	86 03 31.53
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Frozen Niagara Entrance of Mammoth Cave, about 255 ft SE. of portal; in clearing on E. slope of hollow; in concrete post; standard tablet stamped "TT 29 W 1936"

X = 1,910,495	Y = 297,217	37 08 57.45	86 03 25.56
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Carmichael Entrance to Mammoth Cave, about 80 ft SW. of; near center of circular loop formed by driveway; in concrete post; standard tablet stamped "AZ MARK"

X = 1,900,331	Y = 303,815	37 10 02.34	86 05 31.40
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Violet City Entrance of Mammoth Cave, about 170 ft SW. of portal; 50 ft E. of centerline of rd.; in concrete post; standard tablet stamped "TT 8 W 1936"

X = 1,900,498	Y = 303,883	37 10 03.02	86 05 29.34
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSELETE MARKS (Cont'd.)

The Sahara Desert, near SE. end of; about 160 ft NW. of Third Arch; 6 ft N. of Path and 15 ft S. of N. wall; cemented in surface of large boulder; standard tablet stamped "IT 12 W-1936"

X = 1,898,568 Y = 308,337 37 10 46.99 86 05 53.39

The Third Arch, about 40 ft SE. of; about 140 ft NW. of Fourth Arch; 5 ft N. of path; and 10 ft S. of N. wall; cemented in surface of large boulder; standard tablet stamped "AZ MARK"

X = 1,898,761 Y = 308,266 37 10 46.30 86 05 51.00

Siliman's Avenue, about 60 ft E. of entrance of Roaring River Avenue; 5 ft N. of S. wall; 8 ft S. of path; in concrete post; standard tablet stamped "IT 13 W 1936"

X = 1,899,595 Y = 307,800 37 10 41.72 86 05 40.67

Siliman's Avenue; about 20 ft W. of entrance of Roaring River Avenue; 8 ft N. of path; cemented in surface of large slab; standard tablet stamped "AZ MARK"

X = 1,899,521 Y = 307,783 37 10 41.55 86 05 41.58

Siliman's Avenue, about 75 ft E. of NW. entrance to Valley Way Side Cut; about 3 ft N. of path; cemented in surface of ledge about 4 ft above floor; standard tablet stamped "IT 14 W 1936"

X = 1,900,675 Y = 307,767 37 10 41.43 86 05 27.32

Valley Way Side Cut, in NW. entrance of; 7 ft E. of W. wall; about 40 ft S. of, and about 20 ft above path in Siliman's Avenue; in concrete post; standard tablet stamped "AZ MARK"

X = 1,900,563 Y = 307,788 37 10 41.64 86 05 28.71

Ole Bulls Concert Hall, near center of Siliman's Avenue and in line with centerline of Pass of El Ghor; cemented in surface of ledge; standard tablet stamped "IT 15 W 1936"

X = 1,902,255 Y = 306,152 37 10 25.52 86 05 07.73

Siliman's Avenue, about 80 ft N. of Old Bulls Concert Hall; about 10 ft W. of E. wall, and about 6 ft E. of path; in concrete post; standard tablet stamped "AZ MARK"

X = 1,902,219 Y = 306,217 37 10 26.16 86 05 08.18

Pass of El Ghor, about 40 ft W. of "Queen Victoria's Crown"; 5 ft N. of path; opposite entrance of small avenue running N.; cemented in surface of ledge; standard tablet stamped "IT 16 W 1936"

X = 1,903,983 Y = 305,038 37 10 14.56 86 04 46.33

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

OBSOLETE MARKS (Cont'd.)

Pass of El Ghor, about 75 ft W. of "Queen Victoria's Crown"; 2 ft N. of S. wall; 4 ft S. of path; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,903,955 Y = 305,010 37 10 14.29 86 04 46.67

Mary's Vineyard, about 40 ft E. of; in continuation of Cleveland Avenue; 13 ft N. of S. wall and 5 ft S. of N. wall; in concrete post; standard tablet stamped "TT 17 W 1936"

X = 1,904,533 Y = 303,614 37 10 00.50 86 04 39.47

Cleveland Avenue, about 40 ft W. of Mary's Vineyard; about 6 ft N. of S. wall; about 2 ft S. of path; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,904,445 Y = 303,626 37 10 00.62 86 04 40.56

Cleveland Avenue, at The Snowball Dining Room; 34 ft E. of N. end of lunch counter; 15 ft N. of centerline of Cleveland Avenue; 10 ft W. of centerline of Marion Avenue; cemented in surface of ledge; standard tablet stamped "TT 18 W 1936"

X = 1,904,087 Y = 303,905 37 10 03.36 86 04 45.00

Cleveland Avenue, about 200 ft SW. of Snow Ball Dining Room; 5 ft S. of N. wall; 6 ft N. of path; in concrete post; standard tablet stamped "AZ MARK"

X = 1,903,842 Y = 303,890 37 10 03.21 86 04 48.02

Cleveland Avenue, opposite and directly in line with entrance to Orpheus Garden; 3 ft N. of S. wall; cemented in surface of ledge; standard tablet stamped "TT 19 W 1936"

X = 1,902,694 Y = 304,316 37 10 07.38 86 05 02.22

Cleveland Avenue, about 60 ft E. of entrance to Orpheus Garden; about 7 ft S. of N. wall and about 12 ft N. of path; in ledge; standard tablet stamped "AZ MARK"

X = 1,902,669 Y = 304,364 37 10 07.85 86 05 02.53

Cleveland Avenue, about 160 ft E. of entrance of Specimen Avenue; 7 ft S. of N. wall; 12 ft N. of path; in concrete post; standard tablet stamped "TT 20 W 1936"

X = 1,902,203 Y = 304,552 37 10 09.70 86 05 08.30

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Cleveland Avenue, opposite entrance and 18 ft W. of centerline of Specimen Avenue; 5 ft S. of path and 8 ft N. of S. wall; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,902,038 Y = 304,616 37 10 10.32 86 05 10.34

Rocky Mountain, about 40 ft SE. of platform at head of stairs; about 10 ft S. of N. wall of Avenue leading to "The Maelstrom"; in concrete post; standard tablet stamped "TI 21 W 1936"

X = 1,900,801 Y = 303,843 37 10 02.64 86 05 25.59

Rocky Mountains, 100 ft W. of platform at head of stairs; 12 ft N. of S. wall of Avenue leading to "Carmichael Entrance"; 20 ft S. of path; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,900,682 Y = 303,865 37 10 02.85 86 05 27.06

Revelere Hall (junction of Pensacola Avenue, the Valley of Humility, and Avenue to Wooden Bowl Room), about 110 ft NW. of; 7 ft N. of center of Pensacola Avenue; 6 ft S. of N. wall; in concrete post; standard tablet stamped "TI 10 W 1936"

X = 1,898,632 Y = 310,355 37 11 06.95 86 05 52.68

Revelers Hall, 10 ft W. of center of Pensacola Avenue; 4 ft E. of W. wall; 12 ft N. of path to Valley of Humility; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,898,634 Y = 310,246 37 11 05.87 86 05 52.65

River Hall, near NW. corner of; 15 ft E. of W. wall and 12 ft W. of path to stairway leading up to Spark's Avenue; cemented in surface of ledge; standard tablet stamped "TI 11 W 1936"

X = 1,897,994 Y = 310,244 37 11 05.83 86 06 00.56

River Hall, in SE. corner of; 10 ft E. of path to Echo River; 6 ft W. of E. wall; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,898,026 Y = 310,179 37 11 05.19 86 06 00.17

Gothic Avenue, about 40 ft SE. of intersection with Main Cave; about 15 ft SE. of SE. corner of E. saltpeter vat; about 10 ft N. of S. wall of cave; in concrete post; standard tablet stamped "TI 3 W 1936"

X = 1,898,479 Y = 310,194 37 11 05.35 86 05 54.57

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Gothic Avenue, on high ledge overlooking Main Cave; about 6 ft S. of edge of ledge; about 30 ft E. of pathway along Gothic Avenue; in surface of ledge; standard tablet stamped "AZ MARK NO 1"

X = 1,898,409	Y = 310,203	37 11 05.44	86 05 55.44
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Main Cave, about 60 ft NW. of intersection of Gothic Avenue; in ledge of N. wall; on edge of path at small Avenue to NW.; standard tablet stamped "AZ MARK NO 2"

X = 1,898,400	Y = 310,267	37 11 06.07	86 05 55.55
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Giants Coffin, about 35 ft E. of; 2 ft W. of E. wall of cave; in surface of solid ledge; standard tablet stamped "TI 4 W 1936"

X = 1,899,328	Y = 309,729	37 11 00.78	86 05 44.06
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Giants Coffin, about 100 ft S. of; 4 ft W. of E. wall of cave; in line with opening of Dante's Gateway; in concrete post; standard tablet stamped "AZ MARK NO 1"

X = 1,899,267	Y = 309,608	37 10 59.58	86 05 44.81
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Giants Coffin, about 200 ft NW. of; about 3 ft E. of W. wall of cave; in surface of ledge about 15 ft above floor; standard tablet stamped "AZ MARK NO 2"

X = 1,899,138	Y = 309,884	37 11 02.31	86 05 46.41
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Wrights Rotunda, on raised semi-circular ledge and near its center; in concrete post; standard tablet stamped "TI 5 W 1936"

X = 1,900,710	Y = 307,644	37 10 40.22	86 05 26.89
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Sunset Avenue, near center of; at point about 100 ft NE. of center of Wrights Rotunda; in surface of large limestone slab; standard tablet stamped "AZ MARK NO 1"

X = 1,900,808	Y = 307,659	37 10 40.37	86 05 25.67
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Main Cave, near center of; at point about 110 ft N. of center of Wrights Rotunda; in surface of large rock slab; standard tablet stamped "AZ MARK NO 2"

X = 1,900,704	Y = 307,755	37 10 41.31	86 05 26.96
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The Cataracts, about 10 ft E. of E. edge of pit; about 5 ft N. of path leading to fall; in top of concrete post; standard tablet stamped "TI 6 W 1936"

X = 1,900,103	Y = 307,472	37 10 38.49	86 05 34.38
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBsolete MARKS (Cont'd.)

The Cataracts; about 90 ft SE. of; about 20 ft S. and 5 ft W. of sharp turn in foot path along Main Cave; in concrete post; standard tablet stamped "AZ MARK"

X = 1,900,099	Y = 307,404	37 10 37.82	86 05 34.42
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Blue Spring Avenue and Main Cave Crossing, about 120 ft SE. of; about 12 ft E. of W. wall; about 10 ft W. of foot path; in concrete post; standard tablet stamped "TI 7 W 1936"

X = 1,901,126	Y = 305,630	37 10 20.32	86 05 21.65
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Blue Spring Avenue and Main Cave Crossing, about 10 ft W. of; in concrete post; standard tablet stamped "AZ MARK"

X = 1,901,086	Y = 305,749	37 10 21.49	86 05 22.15
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Wooden Bowl Room, 25 ft S. and 25 ft W. of head of stairway leading down to Fat Main's Misery; 26 ft W. of path to Canter's Avenue; in concrete post; standard tablet stamped "TI 9 W 1936"

X = 1,899,155	Y = 309,758	37 11 01.06	86 05 46.20
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Wooden Bowl Room, 2 ft N. and 18 ft E. of head of stairway; 8 ft N. of path to Giants Coffin; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,899,206	Y = 309,774	37 11 01.22	86 05 45.57
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Junction of Boones Avenue and Martel Avenue, about 20 ft NW. of; 2 ft E. of W. wall of Boones Avenue; 1 ft W. of path; cemented in ledge; about 3 ft above floor of cave; standard tablet stamped "TI 22 W 1936"

X = 1,905,600	Y = 302,716	37 09 51.66	86 04 26.25
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Junction of Boones Avenue and Martel Avenue, about 40 ft SE. of; 6 ft W. of E. wall of Martel Avenue; 3 ft E. of path; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,905,640	Y = 302,688	37 09 51.38	86 04 25.76
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Forks of Cave, about 80 ft S. of; 5 ft E. of W. wall of Kentucky Avenue; 20 ft W. of path; cemented in surface of ledge about 14 ft above floor of cave; standard tablet stamped "TI 23 W 1936"

X = 1,904,691	Y = 301,188	37 09 36.52	86 04 37.42
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Forks of Cave, 40 ft N. of; 4 ft W. of E. wall of Boones Avenue; 1 ft E. of path; cemented in surface of ledge about 4 ft above floor of cave; standard tablet stamped "AZ MARK"

X = 1,904,697	Y = 301,318	37 09 37.81	86 04 37.35
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Morrison Avenue, 3 ft E. of W. wall; 5 ft S. of S. wall line of Maine Cave (Kentucky Avenue); 3 ft W. of path; cemented in surface of rock; standard tablet stamped "TT 24 W 1936"

X = 1,906,064	Y = 300,627	37 09 31.02	86 04 20.43
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Kentucky Avenue, about 3 ft E. of centerline of Morrison Avenue; 4 ft S. of center of Main Cave; in concrete post; standard tablet stamped "AZ MARK"

X = 1,906,099	Y = 300,625	37 09 31.00	86 04 20.00
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Black Onyx Formation, about 20 ft W. of; near center of cave; on W. end of high ledge; cemented in rock; standard tablet stamped "TT 25 W 1936"

X = 1,907,169	Y = 299,812	37 09 23.00	86 04 06.75
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Black Onyx Formation, about 100 ft E. of; 10 ft N. of S. wall of cave; 3 ft S. of path; cemented in rock; standard tablet stamped "AZ MARK"

X = 1,907,283	Y = 299,743	37 09 22.32	86 04 05.34
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Grand Central Station, 12 ft S. of N. wall; 3 ft E. of path; 29 ft E. of path to Adalines Avenue; in concrete post; standard tablet stamped "TT 26 W 1936"

X = 1,908,606	Y = 298,534	37 09 10.41	86 03 48.95
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Grand Central Station, about 75 ft E. of; 4 ft N. of S. wall; 3 ft S. of path to Lovers Leap; in concrete post; standard tablet stamped "AZ MARK"

X = 1,908,505	Y = 298,516	37 09 10.23	86 03 50.19
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Sand Avenue, about 40 ft W. of intersection of Grand Junction Avenue; 4 ft N. of S. wall; 2 ft S. of path; cemented in surface of ledge; standard tablet stamped "TT 27 W 1936"

X = 1,909,293	Y = 298,113	37 09 06.27	86 03 40.44
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Sand Avenue, about 100 ft W. of intersection with Grand Junction Avenue; 3 ft N. of path; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,909,241	Y = 298,149	37 09 06.62	86 03 41.09
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Frozen Niagara, about 30 ft SE. of; on point of high rock ledge overlooking the "Pit"; about 5 ft E. of path; cemented in surface of rock; standard tablet stamped "TT 28 W 1936"

X = 1,909,977	Y = 297,434	37 08 59.58	86 03 31.96
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBsolete MARKS (Cont'd.)

Frozen Niagara, about 75 ft W. of; 3 ft S. of path; 10 ft N. of S. wall; cemented in surface of large boulder; standard tablet stamped "AZ MARK"

X = 1,909,934 Y = 297,450 37 08 59.73 86 03 32.50

Bottle Hall, (junction of Bransford's Way and Martel Avenue); about 25 ft SW. of; 10 ft N. of S. wall in Martel Avenue; cemented in surface of ledge; standard tablet stamped "TI 30 W 1936"

X = 1,905,760 Y = 302,713 37 09 51.64 86 04 24.28

Bottle Hall, about 50 ft W. of; 4 ft N. of S. wall in Martel Avenue; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,905,655 Y = 302,716 37 09 51.66 86 04 25.58

Bransford's Way, about 14 ft N. of junction with Hawk's Way; about 3 ft E. of path; cemented in surface of ledge; standard tablet stamped "TI 31 W 1936"

X = 1,906,030 Y = 302,403 37 09 48.58 86 04 20.93

Bransford's Way, about 30 ft S. of junction with Hawk's Way; near centerline of Bransford's Way; standard tablet stamped "AZ MARK"

X = 1,906,026 Y = 302,360 37 09 48.15 86 04 20.98

Cathedral Domes, about 2 ft from SE. wall of Fourth Dome; 1 ft N. and 25 ft E. of entrance of Becky's Alley; in concrete post; standard tablet stamped "TI 32 W 1936"

X = 1,906,470 Y = 302,282 37 09 47.40 86 04 15.49

Cathedral Domes, about 8 ft S. of NW. wall of Fifth Dome; about 15 ft NE. of Hawk's Pit; 5 ft N. and 10 ft E. of entrance to Hawk's Way; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,906,442 Y = 302,331 37 09 47.88 86 04 15.83

Becky's Alley, about 12 ft S. and 8 ft E. of foot of stairway leading to Robertson Avenue; cemented in floor near N. wall; standard tablet stamped "TI 33 W 1936"

X = 1,906,892 Y = 301,686 37 09 41.52 86 04 10.25

Becky's Alley, about 10 ft S., thence about 30 ft E. of foot of a stairway leading to Robertson Avenue; about 4 ft above floor; cemented in surface of ledge near N. wall; standard tablet stamped "AZ MARK"

X = 1,906,912 Y = 301,696 37 09 41.62 86 04 10.00

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Robertson Avenue, about 610 ft S. of its junction with Becky's Alley; 2 ft N. and 5 ft E. of its junction with unnamed Avenue running E.; about 4 ft above path; cemented in surface of ledge; standard tablet stamped "TI 34 W 1936"

X = 1,907,232 Y = 301,388
37 09 38.58 86 04 06.04

Robertson Avenue, about 730 ft S. of its junction with Becky's Alley; about 110 ft S. of junction of unnamed avenue running E. about 2 ft from E. wall; cemented in surface of ledge; standard tablet stamped "AZ MARK"

X = 1,907,159 Y = 301,295
37 09 37.66 86 04 06.94

Robertson Avenue, about 30 ft SE. of foot of stairway leading to Nickerson Avenue; at W. edge of path; in concrete post; standard tablet stamped "TI 35 W 1936"

X = 1,907,705 Y = 299,939
37 09 24.27 86 04 00.13

Robertson Avenue, about 60 ft SE. of foot of stairway leading to Nickerson Avenue; cemented in surface of ledge near W. wall; standard tablet stamped "AZ MARK"

X = 1,907,728 Y = 299,911
37 09 24.00 86 03 59.85

Fox Avenue, 5 ft S. and 4 ft W. of foot of stairway leading to Nickerson Avenue; cemented in surface of ledge; at W. edge of path; standard tablet stamped "TI 36 W 1936"

X = 1,903,703 Y = 298,991
37 09 14.76 86 04 49.53

Fox Avenue, about 40 ft E. of foot of stairway leading up to Nickerson Avenue; about 5 ft above path; cemented in surface of ledge on S. wall; standard tablet stamped "AZ MARK"

X = 1,903,697 Y = 299,039
37 09 15.24 86 04 49.61

Big Gypsum Avenue, 10 ft S. and 5 ft W. of head of stairway leading down to Fox Avenue; at W. edge of path; in concrete post; standard tablet stamped "TI 37 W 1936"

X = 1,908,713 Y = 298,775
37 09 12.80 86 03 47.63

Fox Avenue, about 20 ft NE. of foot of stairway to Big Gypsum Avenue; about 4 ft above path; cemented in surface of ledge on N. wall; standard tablet stamped "AZ MARK"

X = 1,908,730 Y = 298,805
37 09 13.09 86 03 47.43

By G. B. Grunwell, 1936; Book D1849

Oakland, at L. & N. RR. station; about 130 ft E. of rd. crossing; about 70 ft W. of W. end of station house; 31 ft S. of S. rail of main track; 0.5 ft N. of telegraph pole; NGS standard disk stamped "J 7 1921" (Not found, 1953)

X = 1,854,322 Y = 258,670
37 02 33.93 86 14 56.88

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

OBSOLETE MARKS (Cont'd.)

By J. R. Harris, 1952; Book AH 262

Stovall, 1.1 mi S. of RR. crossing; 2.4 mi NW. of Beaver Creek Bridge on State Highway 80; 0.45 mi NW. of church; at I-rd. E.; 28 ft ESE. of centerline of rd.; 23 ft N. of centerline of rd. E.; 9 ft N. of fence corner; 2 ft W. of fence; in concrete post; standard tablet stamped "TT 17 JRH 1952"

X = 1,924,417 Y = 258,559 37 02 35.60 86 00 32.28

Glasgow, 7.0 mi W. of courthouse, along U. S. Highway 68; 2.5 mi N. of Beckton; 160 ft W. of junction of I-rd.; 43 ft WSW. of SW. corner of small building; 27 ft N. of centerline of hwy.; 1 ft S. of fence; in concrete post; standard tablet stamped "TT 18 JRH 1952" (Not found, 1973)

X = 1,919,856 Y = 248,645 37 00 57.46 86 01 28.19

By J. R. Harris, 1953; Book AH 308

Northtown, 4.6 mi S. of; 0.7 mi E., thence 4.0 mi N. of Highland Springs; 100 ft E. of crossroads; 33 ft N. of centerline of rd.; in large boulder; standard tablet stamped "TT 12 JRH 1953"

X = 1,926,863 Y = 306,268 37 10 27.42 86 00 03.67

Rocky Hill, 4.2 mi NW. of L. & N. RR. station, along State Highway 65; 291 ft SE. of corner of New Liberty Methodist Episcopal Church; 36 ft W. of centerline of hwy.; 17 ft NW. of pole; 15 ft NW. of NE. fence corner; 2 ft N. of fence; in concrete post; NGS standard disk stamped "Z 74 1935"

X = 1,881,881 Y = 287,830 37 07 23.56 86 09 18.49

Park City, 3.8 mi W. of, along U. S. Highway 31W; 1.8 mi E. of junction of U. S. Highway 31W and State Highway 65; 470 ft W. of I-rd. N.; 230 ft E. of drive N. to residence; 20 ft N. of centerline of hwy.; in center of N. headwall of concrete culvert; standard tablet stamped "TT 13 JRH 1953"

X = 1,893,446 Y = 277,087 37 05 37.81 86 06 55.18

Rocky Hill, 1.8 mi N. of L. & N. RR. station, along State Highway 65; at intersection of U. S. Highway 68; 180 ft W. of centerline of Highway 65; 32 ft S. of centerline of Highway 68; 100 ft N. of service station; 9 ft W. of telephone pole 4286; in concrete post; NGS standard disk stamped "Y 74 1935" (Reported destroyed, 1954)

X = 1,883,888 Y = 276,545 37 05 32.06 86 08 53.12

Rocky Hill, 1.0 mi N. of L. & N. RR. station, along State Highway 65; 195 ft S. of centerline of dirt rd. E.; 21 ft E. of centerline of hwy.; in concrete post; NGS standard disk stamped "W 74 1935"

X = 1,886,305 Y = 272,913 37 04 56.25 86 08 23.11

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

OBSOLETE MARKS (Cont'd.)

Rocky Hill, 0.3 mi N. of L. & N. RR. station, along State Highway 65; 62 ft W. of centerline of hwy.; 56 ft S. of centerline of dirt rd.; 4 ft N. of NE. corner of Baptist Church; in concrete post; NGS standard disk stamped "V 74 1935"

X = 1,886,215 Y = 269,054 37 04 18.09 86 08 24.02

Rocky Hill; 64 ft SE. of SW. corner of L. & N. RR. station; 20 ft S. of S. rail; 18 ft S. of N. edge of station platform; 4 ft SE. of pole; about 3 ft higher than track; in concrete post; NGS standard disk stamped "U 74 1935"

X = 1,886,822 Y = 267,973 37 04 07.43 86 08 16.47

Rocky Hill, 2.2 mi SE. of; 2.3 mi N. of Merry Oaks; 100 ft NE. of, and 8 ft higher than centerline of rd.; in NW. corner of lower step at Oak Grove Methodist Church; standard tablet stamped "7 CMN 1953 645 II"

X = 1,894,264 Y = 261,629 37 03 04.99 86 06 44.36

Merry Oaks, 0.1 mi N. of; 20 ft NE. of, and 2.5 ft higher than junction of rd. and drive to Merry Oaks Methodist Church; 15 ft E. of centerline of rd.; in concrete post; standard tablet stamped "8 CMN 1953 694 II"

X = 1,895,494 Y = 252,031 37 01 30.13 86 06 28.73

Merry Oaks, 1.6 mi S. of; 15 ft NE. of, and 1.5 ft higher than T-rd. W.; 3 ft SW. of fence corner; in concrete post; standard tablet stamped "9 CMN 1953 681 II" (Not found, 1973)

X = 1,893,186 Y = 244,369 37 00 14.28 86 06 56.83

By J. R. Harris, 1953; Book AH 308 and B. H. Yoakum, 1919

Brownsville, 1.8 mi SE. of county courthouse, along State Highway 65; 357 ft SE. of SE. corner of residence of J. Carrier; 97 ft N. of NW. corner of S. B. Johnson Store; 22 ft NW. of SW. fence corner; 17 ft E. of centerline of hwy.; 3 ft W. of fence; in concrete post; NGS standard disk stamped "F 75 1935"

X = 1,855,075 Y = 308,216 37 10 43.87 86 14 50.81

Brownsville, 2.9 mi SE. of county courthouse, along State Highway 65; 0.1 mi S. of driveway W. to farmhouse; 49 ft N. of pole; 15 ft SW. of centerline of hwy.; in culvert; NGS standard disk stamped "S 124 1943"

X = 1,858,993 Y = 305,656 37 10 18.76 86 14 02.24

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

OBSOLETE MARKS (Cont'd.)

Brownsville, 4.1 mi SE. of county courthouse, along State Highway 65; 102 ft S. of SE. corner of residence of O. Wells; 40 ft S. of fence corner; 21 ft W. of centerline of hwy.; 15 ft S. of centerline of garage driveway; 2 ft E. of fence; in concrete post; NGS standard disk stamped "E 75 1935"

X = 1,861,329 Y = 300,866 37 09 31.51 86 13 33.07

Brownsville, 4.2 mi SE. of county courthouse, along State Highway 65; 219 ft SW. of SW. corner of residence of C. Wooster; 204 ft NW. of NW. corner of private dwelling; 32 ft NE. of centerline of Russellville Road; 27 ft SW. of centerline of hwy.; 2 ft NE. of pole; in concrete post; NGS standard disk stamped "D 75 1935"

X = 1,861,239 Y = 300,181 37 09 24.74 86 13 34.14

Rhoda, 5.9 mi S. of; 3.5 mi NE. of Oakland; 47 ft SW. of, and 1.5 ft lower than junction of U. S. Highway 31W and graveled T-rd. S.; on S. end of W. L-shaped concrete culvert headwall; standard tablet stamped "16 CMN 1953 603 TT"

X = 1,858,600 Y = 273,240 37 04 58.22 86 14 05.03

Rhoda, 7.5 mi S. of; 2.0 mi N. of Oakland; 40 ft SE. of, and 1.5 ft higher than T-rd. E.; 4 ft E. of corner fence post; standard tablet stamped "17 CMN 1953 612 TT"

X = 1,858,101 Y = 265,454 37 03 41.20 86 14 10.69

Oakland; 25 ft S. of, and 1 ft lower than crossing of State Highway 179 and L. & N. RR.; in base of RR. signal light; standard tablet stamped "18 CMN 1953 579 TT"

X = 1,854,249 Y = 258,524 37 02 32.48 86 14 57.76

Oakland, 2.5 mi S. of; 40 ft SW. of, and 1 ft lower than triangulat-shaped rd. junction; 1 ft E. of fence; in concrete post; standard tablet stamped "19 CMN 1953 608 TT"

X = 1,855,489 Y = 247,700 37 00 45.52 86 14 41.77

MARK TIED BY NGS

By B. H. Yoakum, 1920; Book C5163

Brownsville, about 7.0 mi SE. of; 20 ft NE. of centerline of hwy.; 13 ft E. of 24-in. maple tree; 2 ft NE. of stone wall; on iron pipe projecting 1 ft.; standard cap stamped "PRIM TRAV STA NO 24 1920 KY"

X = 1,877,510.34 Y = 291,344.86 37 07 58.130 86 10 12.655