

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-082-43
PRESTONSBURG QUADRANGLE
114 KENTUCKY
N3730-W8245/15
DIAGRAM NJ 17-7
JENKINS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

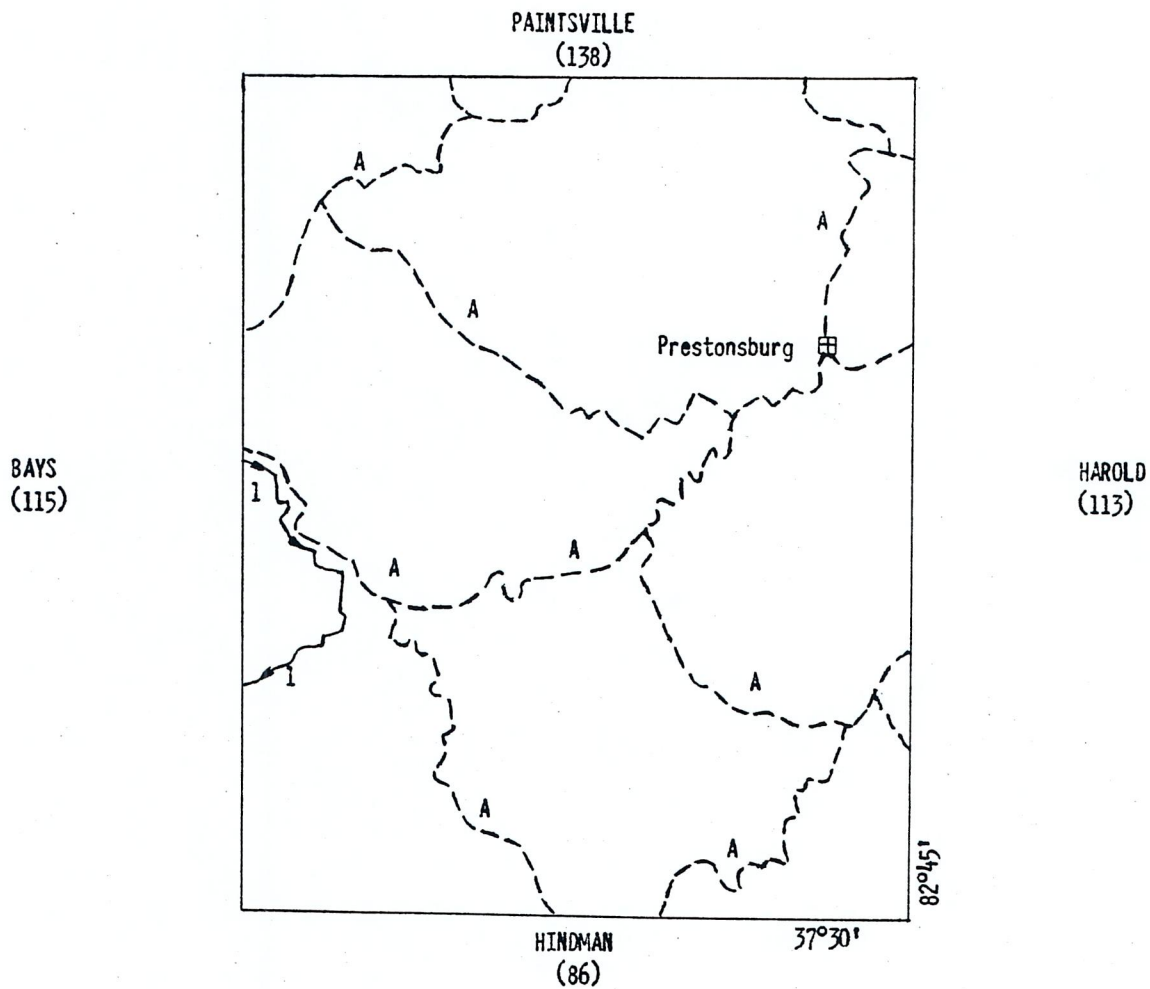
Breathitt, Floyd, Johnson, Knott
and Magoffin Counties

Final adjustment of 1950

Edition of 3/26/74

PR: WSM/mjh

Only the permanent marks
are listed for lines
run more than 25 years
before edition date.



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370824

INDEX OF PERMANENT MARKS

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ISOLATED BENCH MARKS (By S. R. Archer, 1912, G. W. Lucas, 1915; Books A9638, A9639 and A9662)	<u>Feet</u>
Langley, 2.9 mi NE. of; on E. side of rd.; 125 ft W. of crossing rd. and small branch from E.; 275 ft N. of store of Preston & Co.; 360 ft N. of residence of Mrs. Otter Preston; in face of rock ledge; standard tablet stamped "674" (Not found, 1953)	673.911
Alphoretta, 0.5 mi N. of; at W. abutment of steel hwy. bridge over Right Fork Beaver Creek; at store of T. J. Craft & Co.; in top of S. end of concrete bridge seat; standard tablet stamped "653" (Not found, 1953)	652.493
Bosco; at mouth of Brush Creek; 90 ft N. of rd. forks; 220 ft N. of crossing of Brush Creek; 80 ft N. of Allen's store; on W. side of rd.; in face of rock ledge standard tablet stamped "675" (Not found, 1953)	675.107
Langley, on bank W. side of rd.; 460 ft N. of bridge over mouth of Wilson Creek; 375 ft NW. of schoolhouse; 200 ft N. of store; in face of rock outcrop; standard tablet stamped "673" (Not found, 1953) Note: In 1936 when this bench mark was tied to U.S.C. & G.S. standard disk stamped "Z 88 1935", it was discovered that the top of the tablet had been broken off but the stem remained.	672.797
Prestonsburg, at steel hwy. bridge over Big Sandy River, in top of S. end of W. abutment of W. approach; standard tablet stamped "641" (Not found, 1953)	640.788
Auzier, 2.6 mi S. of; 0.9 mi SE. of mouth of Fryleys Branch; 420 ft S. of milepost 470-E 58; 500 ft S. of house owned by William Music; on W. side of track, in top of N. end of concrete culvert at cattle guard; standard tablet stamped "627" (Not found, 1953)	626.862
East Point, in front of store of J. C. B. Auzier; in W. end of S. concrete abutment of driveway under RR.; standard iron post; standard cap stamped "KY 615.123" (Tied by NGS, 1952) (0.5 ft underground)	615.123
Alphoretta, 4.1 mi S. of; 0.7 mi N. of Hunter Branch; 350 ft S. of residence of Richard Salsbury, 150 ft N. of drain from W.; E. end of low spur from NW. between drains; on W. side of rd.; in top of projection of rock cliff; standard tablet stamped "693" (Destroyed, 1953)	693.170
Cliff, 3.4 mi W. of station; 0.5 mi W. of forks of Abbott Creek; on N. side of creek; in 6-by 6 ft sandstone boulder; standard tablet stamped "KY 638" (Not found, 1953)	638.178
Bonanza, 30 ft N. of rd.; 5 ft W. of Abbott Creek; S. of old mill; in top of sandstone outcrop; standard tablet stamped "KY 683" (Not found, 1953)	682.723
Bonanza, 3.3 mi W. of; 50 ft W. of store of Sam Yates; on W. side of State Road Fork of Middle Creek; in sandstone outcrop; standard tablet stamped "KY 875" (Not found, 1953)	875.136
Ivyton, at T-rd. N.; 75 ft W. of small branch; at building owned by D. B. Sailyer; in SE. sandstone block in foundation; standard tablet stamped "KY 882" (Not found, 1953)	882.037
Riceville, 400 ft E. of post office; 100 ft N. of mouth of Long Fork of Jenny Creek; 10 ft E. of creek; in sandstone outcrop; standard tablet stamped "KY 697"	696.347

ISOLATED BENCH MARKS (Cont'd.)

- Riceville, 3.2 mi NE. of post office; 140 ft S. of B. S. & K. Ry.; in 50 ft bluff on right bank of Jenny Creek; in sandstone outcrop; standard tablet stamped "647 KY" (Not found, 1953) 647.510
- Prestonsburg, 3.5 mi SW. of; at mouth of Left Fork of Middle Creek; 50 ft NE. of rd. forks; on N. side of and 10 ft higher than rd. to NE.; in top of sandstone outcrop; standard tablet stamped "636 KY" (Not found, 1953) 636.487
- Blue River, 0.6 mi N. of post office; at ford of Buckeye Branch; on S. side of rd. and creek at rd. forks, about 4.5 ft above water; in top of projection of rock cliff; standard tablet stamped "658 KY" (Not found, 1953) 658.362
- Goodloe, 0.9 mi S. of post office; 160 ft E. of mouth of Open Fork; 660 ft W. of rd. forks; on N. side of and 10 ft under rd.; S. bank of Left Fork of Middle Creek; 3 ft above water level; near top of projection of E. end of sandstone cliff; standard tablet stamped "673 KY" (Not found, 1953) 672.913
- Goodloe, 3.5 mi SW. of post office; 170 ft N. of top of gap between Open Fork of Left Fork of Middle Creek and Left Fork of Brushy Fork of Licking River; 40 ft E. of rd.; in top of large sandstone rock; standard tablet stamped "1159 KY" (Not found, 1953) 1159.509
- Ordway, 1.0 mi N. and 4.0 mi SE. of post office; 320 ft NW. of rd. crossing mouth of Big Branch; on N. side of, and 4 ft higher than rd.; in top of sandstone cliff; standard tablet stamped "991 KY" (Reported destroyed, 1954) 991.036
- Ordway, 1.0 mi N. and 1.0 mi SE. of post office; 0.1 mi NW. of mouth of Howard Branch; about 400 ft W. of residence of J. T. Shepherd, standing in mouth of branch from N.; 40 ft N. of and 9 ft higher than rd. forks, in top of projection at SE. corner of large sandstone rock; standard tablet stamped "953 KY" (Reported destroyed, 1949) 953.316
- Wireman, 0.4 mi W. thence 0.7 mi SE. from post office; about 0.3 mi NW. of mouth of Long Creek; 380 ft W. of ford of Licking River; 150 ft W. of rd. forks; on N. side of W. rd.; in top projection on N. end of large sandstone boulder; standard tablet stamped "925 KY" (Reported destroyed, 1949) 925.344
- Wireman, 0.4 mi W. thence 2.9 mi NW. from post office; 0.2 mi SW. of rd. forks (at mouth of Puncheoncamp Creek); 725 ft W. of rd. crossing Puncheoncamp Creek; on E. side of and 4.5 ft higher than rd.; in top of S. end of sandstone outcrop; standard tablet stamped "914 KY" (Reported destroyed, 1949) 914.201
- Ivyton, 0.5 mi W. thence 2.4 mi SW. from post office; 190 ft W. thence 75 ft S. from mouth of Sam Poe Branch; on Left Fork of Gun Creek; opposite S. end of barn belonging to Elliott Marshall; on S. bank and 4.5 ft above creek, in projection of cliff; standard tablet stamped "936 KY" (Not found, 1953) 936.170
- LINE 1.
- By E. O. Miner, 1949; Book AV 100
- Royalton, 4.5 mi SE. of post office, along State Highway 7; 145 ft N. of N. corner of concrete block building, now Galdia Post Office; 85 ft NE. of and 20 ft higher than centerline of hwy.; in 5-by 10-by 15 ft sandstone ledge; standard tablet stamped "110 EOM 1949 965" (Tied by NGS, 1952) (Not found, 1962) 965.149

LINE 1 (Cont'd.)Feet

Reference mark; 120 ft SW. of tablet; 25 ft SW. of centerline of rd.; on 1-by 4- by 5 ft boulder; chiseled square	945.05
Royalton, 6.6 mi SE. of; 40 ft W. of and 1 ft lower than Y-junction of State Highway 7 and rd. W.; at S. edge of rd.; in concrete post projecting 1 ft; standard tablet stamped "111 EOM 1949 930" (Tied by NGS, 1952)	930.464
Reference mark; 290 ft N. of tablet; on S. end of E. headwall of concrete culvert; chiseled square	925.36
Royalton, 9.1 mi SE. of, along State Highway 7; at confluence of Straight and Trace Forks; at head of Licking River; 15 ft NE. of, and 5 ft higher than T-rd. junction; in ledge of sandstone cliff; standard tablet stamped "112 EOM 1949 943" (Tied by NGS, 1952)	943.532
Reference mark; 150 ft SW. of tablet; on E. end of E. wingwall of bridge; chiseled square	941.37
Royalton, 9.1 mi SE. of post office, along State Highway 7, thence 2.2 mi SW. along Trace Fork rd.; 240 ft SW. of Y-junction of rd. SE. up creek bed; 75 ft SE. of, and 4 ft higher than rd.; in N. end of 1- by 2- by 3 ft exposure of large boulder; standard tablet stamped "113 EOM 1949 963"	963.403
Reference mark; 230 ft NE. of tablet; at SE. edge of and 6 ft lower than rd.; on end of concrete pipe culvert; chiseled square	952.37
Royalton, 9.1 mi SE. of, along State Highway 7, thence 4.3 mi SW. along Trace Fork rd.; 350 ft SW. of Y-junction of rd. NW.; 260 ft S. of small cemetery; 40 ft NW. of, and 2 ft lower than centerline of rd.; in 2- by 8- by 12 ft boulder; standard tablet stamped "114 EOM 1949 1012" (Reported destroyed, 1953)	1011.490
Reference mark; 190 ft NE. of tablet; 30 ft E. of, and 10 ft higher than centerline of rd.; on 1- by 3- by 4 ft boulder; chiseled square	1013.98

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

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114 KENTUCKY
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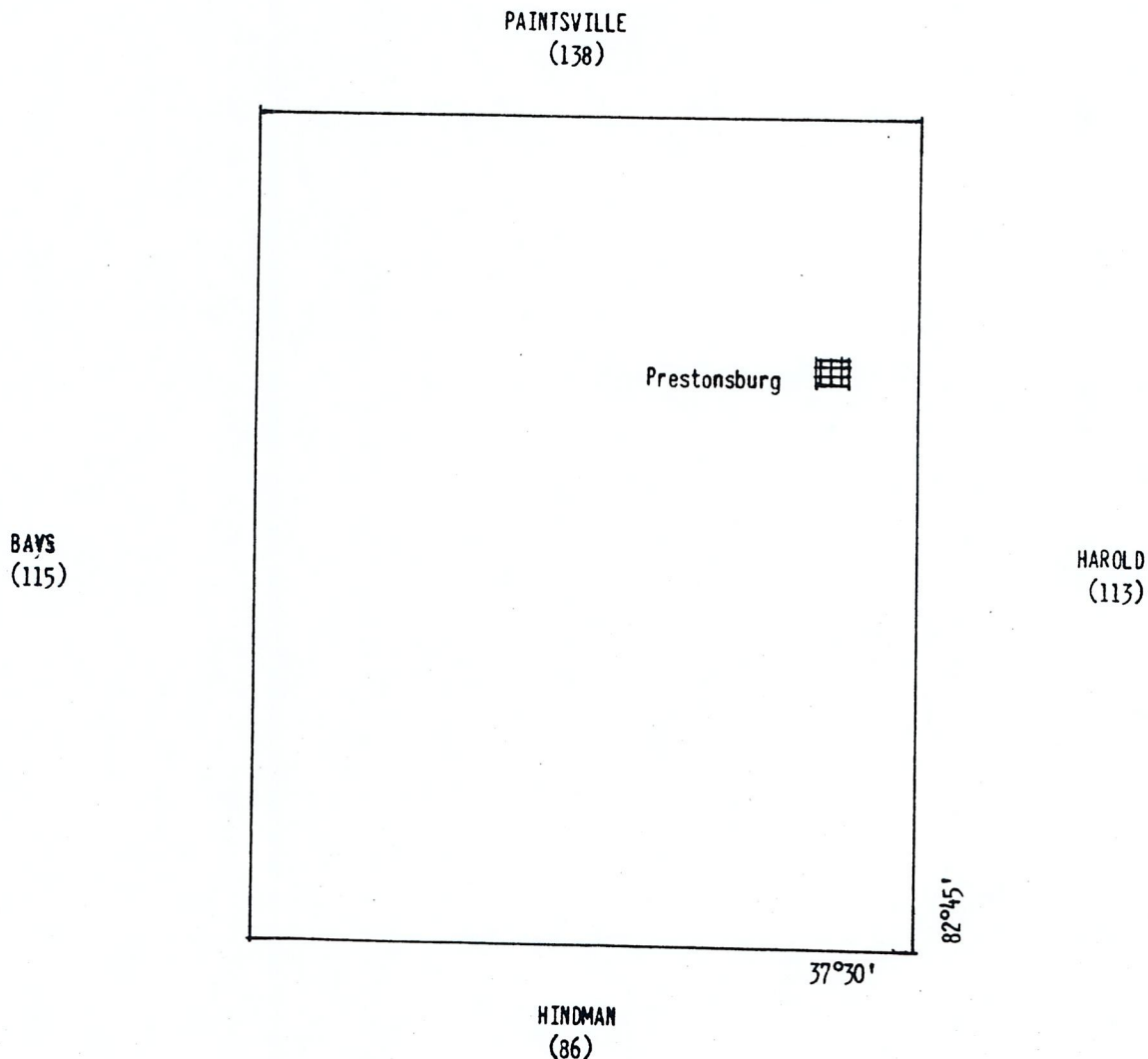
Breathitt, Floyd, Johnson, Knott, and
Magoffin Counties

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

Edition of 10/12/77

PR: CRV/rmm

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



*Note: Triangulation station "Hicks" was
a USGS station, it has been destroyed.*

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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PRESTONSBURG QUADRANGLE

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INDEX OF PERMANENT MARKS

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L 28 D 1942	4

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

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

By D. W. Pinkston, 1949; Book AH 148

Royalton, 4.5 mi SE. of post office, along State Highway 7; 85 ft NE. of, and 20 ft higher than centerline of hwy.; 145 ft N. of N. corner of concrete block building (now Galdia Post Office); in sandstone ledge; standard tablet stamped "110 EOM 1949 965" (Not found, 1962)

X = 2,799,642 Y = 485,098 37 38 00.99 82 59 17.83

Royalton, 6.6 mi SE. of, along State Highway 7; 1.5 mi NW. of Fredville; 40 ft W. of, and 3 ft lower than centerline of hwy. at junction of rd. W.; at S. edge of rd.; in concrete post; standard tablet stamped "111 EOM 1949 930.464"

X = 2,800,716 Y = 476,858 37 36 39.25 82 59 07.48

Royalton, 9.1 mi SE. of, along State Highway 7; at confluence of Straight and Trace Forks; at head of Licking River; 15 ft NE. of, and 5 ft higher than T-rd. junction; in ledge of sandstone cliff; standard tablet stamped "112 EOM 1949 943"

X = 2,808,280 Y = 473,249 37 36 01.38 82 57 34.84

Royalton, 9.1 mi SE. of post office, along State Highway 7, thence 2.2 mi SW. along Trace Fork Road; 240 ft SW. of Y-junction of rd. SE. up creek bed; 75 ft SE. of, and 4 ft higher than rd.; in N. end of 1- by 2- by 3 ft exposure of large boulder; standard tablet stamped "113 EOM 1949 963"

X = 2,805,360 Y = 464,731 37 34 38.05 82 58 14.23

Royalton, 9.1 mi SE. of, along State Highway 7, thence 4.3 mi SW. along Trace Fork Road; 350 ft SW. of junction of rd. NW.; 40 ft NW. of, and 2 ft lower than centerline of rd.; 260 ft S. of small cemetery; in boulder; standard tablet stamped "114 EOM 1949 1012" (Reported destroyed, 1953)

X = 2,797,918 Y = 459,577 37 33 49.27 82 59 48.49

Evanston, 3.7 mi SE. of, along Chesapeake and Ohio Railway; 4.1 mi S. of Pond Creek Pocahontas Coal Company Camp; 0.1 mi N. of slope mine; 100 ft SE. of wooden bridge over Bill Slusher Branch; 37 ft S. of centerline of rd.; 4 ft N. and 7 ft E. of 12-in. poplar tree; in concrete post; standard tablet stamped "TT 50 DWP 1949" (Reported destroyed, 1950)

X = 2,797,702 Y = 439,947 37 30 35.33 82 59 58.28

Paintsville, 5.5 mi S. of C. & O. Ry. station, along U. S. Highway 23-460; at Johnson-Floyd County line; 78 ft S. and 32 ft E. of centerline of hwy. at S. end of concrete bridge over Little Paint Creek; 32 ft E. of junction of rd. NE.; in concrete post; standard tablet stamped "TT 16 TWC 1951"

X = 2,856,533 Y = 527,106 37 44 39.09 82 47 14.56

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

OBSOLETE MARKS (Cont'd.)

Paintsville, 7.4 mi S. of C. & O. Ry. station, along U. S. Highway 23-460; 4.3 mi N. of Prestonsburg; 5 ft S. and 42 ft W. of junction of T-rd. NW.; 21 ft S. of side entrance to W. L. Baldrige Grocery; 20 ft E. of E. corner of residence; 4 ft SE. of powerline pole; in concrete post; standard tablet stamped "TT 17 TWC 1951"

X = 2,855,813	Y = 517,691	37 43 06.28	82 47 27.19
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Prestonsburg, 2.6 mi N. of post office, along U. S. Highway 23-460; at top of hill; 65 ft W. of centerline of hwy.; 350 ft S. of Conley Restaurant and Tourist Home; 1 ft S. of W. end of large billboard sign; in concrete post; standard tablet stamped "TT 18 TWC 1951" (Reported destroyed, 1962)

X = 2,855,757	Y = 509,149	37 41 41.88	82 47 31.21
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Prestonsburg; at post office; in center of NW. step support wall of entrance; standard tablet stamped "TT 19 TWC 1951"

X = 2,861,756	Y = 499,585	37 40 05.51	82 46 20.36
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Prestonsburg, 1.6 mi E. of courthouse, along U. S. Highway 23-460; 25 ft N. of centerline of hwy.; 125 ft E. of four-wire powerline crossing hwy. and river; 67 ft W. of gas well No. 26; in concrete post; USED standard disk stamped "L 28 D 1942" (Reported destroyed, 1962)

X = 2,867,815	Y = 501,467	37 40 22.21	82 45 04.30
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By T. W. Cayce, 1951; Book AH 270

Martin; in line with E. side of Methodist Church; between sidewalk and street curb; 2 ft S. of telephone pole; in concrete post; standard tablet stamped "TT 25 TWC 1951"

X = 2,868,729	Y = 465,881	37 34 30.26	82 45 06.98
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Drift, 1.8 mi N. of, along State Highway 122; 0.2 mi S. of Hunter School; 24 ft NE. of, and 2 ft lower than centerline of hwy. at junction of rd. NE.; 12 ft S. of S. corner of concrete bridge over Left Fork Beaver Creek; in concrete post; standard tablet stamped "TT 28 TWC 1951 670.035"

X = 2,868,287	Y = 440,867	37 30 23.20	82 45 22.31
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