

PUBLICATION COPY!

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

40-075-21
DOYLESTOWN QUADRANGLE
69 PA.-35 N.J.
N4015-W7500/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bucks and Montgomery Counties, Pa.;
Hunterdon County, N.J.

Only the permanent marks are
listed for lines run more
than 25 years before edition
date and are not shown on
sketch

Final adjustment of 1975

Edition of 2/13/75

PR: GWK/sws

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

EASTON
(92 PA.-40 N.J.)

QUAKERTOWN
(70)

LAMBERTVILLE
(68A PA.-34 N.J.)

▣ Doylestown

X = 2,697,748
Y = 343,800

75°00'

40°15'

GERMANTOWN
(46 PA.-29A N.J.)

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT STA NO 26 B 1929
TT STA NO 27 B 1929
TT 20 TWC 1947
TT 18 WAC 1947
TT 21 WAC 1947
TT 22 WAC 1947

3
3
3
3
4
4

NGS

X 187 1942
K 188 1942
N 188 1942
T 188 1942

4
4
3
3

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

Obsolete control established more than 25 years prior to edition date. To be used only to locate permanent marks in the field.

By J. B. Keating, 1929; Book C8972

Haycock Triangulation Station, 13 ft NE. of; in large rock; standard tablet stamped "TT STA NO 26 B 1929" (Reported disturbed, 1956)

X = 2,703,768 Y = 430,930 40 29 19.0 75 13 10.2

Harrow, 70 ft S. of intersection of U.S. Highway 611 and State Highway 563; 30 ft SW. of edge of concrete; in concrete post; standard tablet stamped "TT STA NO 27 B 1929" (Reported not found, 1957)

X = 2,715,758 Y = 433,145 40 29 37.46 75 10 34.24

By W. A. Couse, 1947; Book AH 54

Pineville Post Office, 0.2 mi W. of; on S. side of rd. beside telephone pole No. 532; 23 ft E. of centerline of rd.; 3.1 ft E. of telephone pole No. 532; in concrete post flush with ground; standard tablet stamped "TT 18 WAC 1947"

X = 2,764,365 Y = 362,865 40 17 48.80 75 00 33.62

Rushland, about 200 ft S. of post office; 95.5 ft W. of Reading Company Railroad station; on property of Reading RR. Company; 48 ft SW. of centerline of macadam rd. 047; 2 ft SE. of white board fence; 1 ft NE. of reference post; in concrete post; NGS standard disk stamped "T 188 1942"

X = 2,758,766 Y = 348,419 40 15 27.81 75 01 51.59

Jamson Corners, E. of; in SE. corner of pasture on property of Albert Thomilson; 2.1 ft W. of corner post; 13 ft W. of centerline of rd.; to farmhouse; 34.8 ft W. of 12-in. black walnut tree; in concrete post flush with ground; standard tablet stamped "TT 20 TWC 1947"

X = 2,750,723 Y = 346,004 40 15 06.39 75 03 36.23

Jamison, 0.9 mi NW. of, along macadam rd. No. 046 from intersection of macadam rd. and State Highway 263; at intersection of macadam rd. and private dirt rd. leading NE. to farmhouse; 100 ft SE. of centerline of dirt rd.; 39 ft NE. of centerline of macadam rd.; 1 ft NW. of pasture fence; 1 ft SW. of reference post; in concrete post; NGS standard disk stamped "N 188 1942"

X = 2,738,678 Y = 349,618 40 15 45.69 75 06 10.12

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

OBSOLETE MARKS (Cont'd.)

Warrington, in NE. 1/4 intersection of U.S. Highway 611 and macadam rd. leading SE. across hwy. from post office; 37 ft E. of centerline of hwy.; 36 ft NW. of centerline of macadam rd.; 26 ft SW. of SW. corner of two-story house; 18.5 ft E. of cast iron powerline pole No. 698; 7 ft N. of 18-in. maple tree; in concrete post level with surface of ground; NGS standard disk stamped "K 188 1942"

X = 2,730,265 Y = 345,228 40 15 04.80 75 08 00.27

Warrington Post Office, 1.8 mi W. of; in SW. corner of crossroads; 37.5 ft S. of centerline of E.-W. rd.; 24 ft W. of centerline of rd. S.; 2.5 ft SW. of telephone pole No. 22516; in concrete post projecting 2 in. above ground; standard tablet stamped "TT 21 WAC 1947"

X = 2,721,227 Y = 246,915 40 15 24.10 75 09 56.14

Eureka, 1.3 mi N. of post office, along State Highway 152; between telephone poles No. 475 and 476; 74 ft S. of E. end of 60-in. pipe culvert under hwy.; 37 ft E. of centerline of hwy.; 1.2 ft S. of fence; 1 ft W. of reference post; in concrete post; NGS standard disk stamped "X 187 1942"

X = 2,711,952 Y = 348,519 40 15 42.61 75 11 55.13

Montgomeryville, 0.9 mi NW. of, along U.S. Highway 309 on left side of hwy.; 30 ft NW. of telephone pole No. 66; 26.6 ft SW. of centerline of hwy.; 2.2 ft SE. of rock wall; in concrete post flush with ground; standard tablet stamped "TT 22 WAC 1947"

X = 2,797,847 Y = 347,234 40 15 33.90 75 14 57.47