

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

40-075-13
ALLENTOWN QUADRANGLE
93 PENNSYLVANIA
N4030-W7515/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bucks, Lehigh and
Northampton Counties

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 1/31/75

PR: GWK/sws

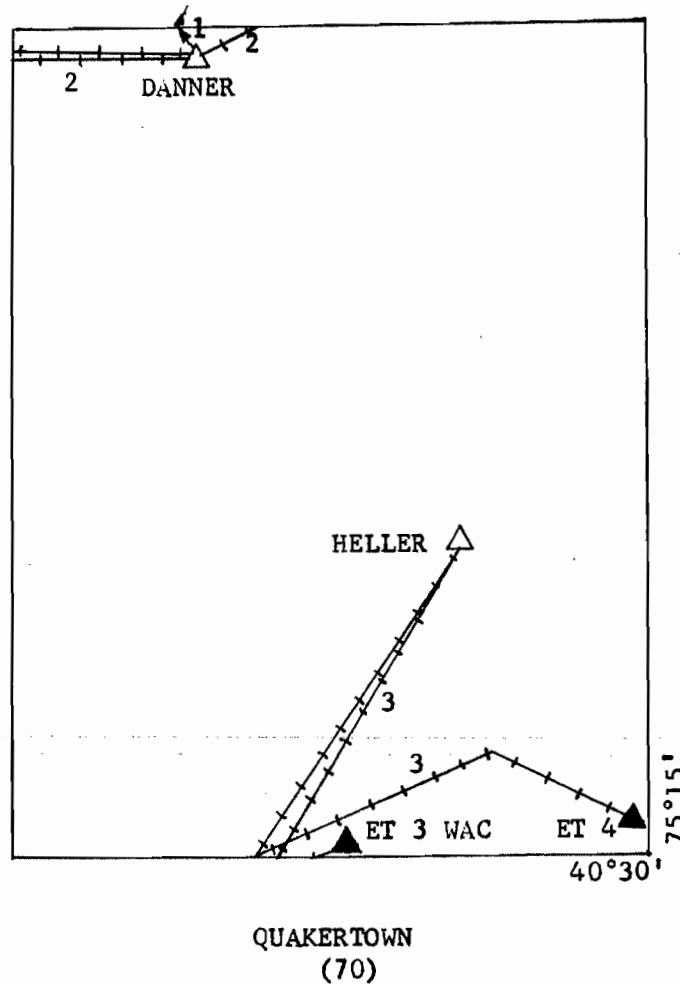
Plane coordinates are based on
Lambert projection, Pennsylvania,
South Zone

WIND GAP
(116)

ALBURTIS
(94)

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

X = 2,625,669
Y = 432,966



QUAKERTOWN
(70)

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.

93 PENNSYLVANIA
ALLENTOWN QUADRANGLE

40-075-13
N4030-W7515/15

INDEX OF PERMANENT MARKS

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<u>NGS</u>			
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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 L. E. Briggs and J. B. Keating, 1929; Book C8972-73

Island Park, 2.5 mi S. of; on Hexenkopf Hill; 1.0 mi S. of crossroads (Raubsville to Redington and Easton to Springtown); 0.6 mi NE. of junction of Easton Springtown Road and Redington-Springtown; 40 ft W. by 40 ft S. of rd. fork formed by Easton-Springtown Road and private rd. E.; in flat boulder outcrop; standard tablet stamped "TT STA NO 10 K 1929" (~~Reported not found, 1963~~)

X = 2,693,789 Y = 479,585 40 37 22.42 75 15 01.48

Roubsville, 5 mi W. of; 8 mi SE. of Bethlehem; 4.0 mi N. of Springtown; 0.5 mi NE. of township line; 10 ft N. of fence corner; in concrete post; standard tablet stamped "TT STA NO 11 K 1929"

X = 2,691,956 Y = 469,927 40 35 47.53 75 15 28.77

Springtown, 2.0 mi E. of; 80 ft S. of crossroads (State Highway 212 and Easton-Bursonville Road); 40 ft W. of house; 5 ft inside fence; in concrete post; standard tablet stamped "TT STA NO 12 K 1929" (Reported not found, 1957)

X = 2,694,515 Y = 457,575 40 33 44.80 75 15 00.15

Tatamy, 1.0 mi S. and 0.3 mi E. of; 0.2 mi W. of Eastern and Northern Railroad; 0.3 mi E. of crossroads, along rd. to Newlins Mill; 15 ft S. of rd. in flat boulder; standard tablet stamped "TT STA NO 16 K 1929"

X = 2,692,199 Y = 517,827 40 43 40.61 75 15 08.06

LINE 1.

By E. F. Burzynski, 1957; Book AH 476

700. NGS standard triangulation station disk stamped "DANNER 1929"

X = 2,641,551.63 Y = 524,014.56 40 44 55.365 75 26 03.571

LINE 2.

By A. A. Shands, 1959; Book AH 592

NGS standard triangulation station disk stamped "DANNER 1929" (Also in line 1)

X = 2,641,551.63 Y = 524,014.56 40 44 55.365 75 26 03.571

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

LINE 3.

By W. A. Couse, 1963; Book AH 810

NGS standard triangulation station disk stamped "HELLER 1960"

X = 2,671,553.43 Y = 470,166.60 40 35 55.5025 75 19 53.0717

Pleasant Valley, 0.2 mi S. of Springfield Township School, along State Highway 212 to Y-rd., thence 0.9 mi left to Y-rd., thence 0.2 mi left to Y-rd., thence 1.3 mi right to graveled T-rd. left, thence 0.8 mi left to home of Milton Slifer; 48 ft W. of N. corner of house; 57 ft NW. of S. corner of house; in large boulder in rear of house; in drilled hole; standard tablet stamped "ET 4 WAC 1963"

X = 2,690,876 Y = 438,674 40 30 39.11 75 15 54.16

C-12=PP 1. NW. corner of barn

X = 2,690,903 Y = 438,717 40 30 39.53 75 15 53.80

C-12=PP 2. NW. corner of house

X = 2,690,924 Y = 438,680 40 30 39.16 75 15 53.54

Coopersburg Post Office, 0.3 mi E. of, along Station Avenue to junction of U.S. Highway 309, continue across Highway 309, thence 0.2 mi along Station Avenue to Springfield Street, thence 0.3 mi right along Springfield Street to drive right just beyond large barn, thence 0.1 mi right into driveway to large outdoor fireplace; in SW. corner of patio; in drilled hole; standard tablet stamped "ET 3 WAC 1963"

X = 2,658,205 Y = 435,441 40 30 16.05 75 22 58.12

PP 1. W. edge of pool and S. edge of walk

X = 2,658,133 Y = 435,503 40 30 16.68 75 22 59.03

PP 2. SW. corner of patio

X = 2,658,203 Y = 435,440 40 30 16.04 75 22 58.15

PP 3. Centerline of rd. at drive W.

X = 2,658,441 Y = 435,358 40 30 15.16 75 22 55.10

93 PENNSYLVANIA
ALLENTOWN QUADRANGLE

MAP CONTROL
NOT FOR DISTRIBUTION

40-075-13
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SUPPLEMENTAL

By W. A. Couse, 1963; Book AH 810

NGS standard triangulation station disk stamped "GAFFNEY HILL 1960".

Pa. S.) X = 2,692,394.04 Y = 480,612.32 40 37 32.9570 75 15 19.1826

PP 1. SW. corner of building

X = 2,692,386 Y = 480,675 40 37 33.58 75 15 19.26

PP 2. Grassy point E. of building

X = 2,692,458 Y = 480,670 40 37 33.51 75 15 18.33