

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

OFFICE COPY HOLD

40-075-14
WIND GAP QUADRANGLE
116 PENNSYLVANIA
N4045-W7515/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Carbon, Monroe and Northampton
Counties

Final adjustment of 1975

Edition of 6/2/77

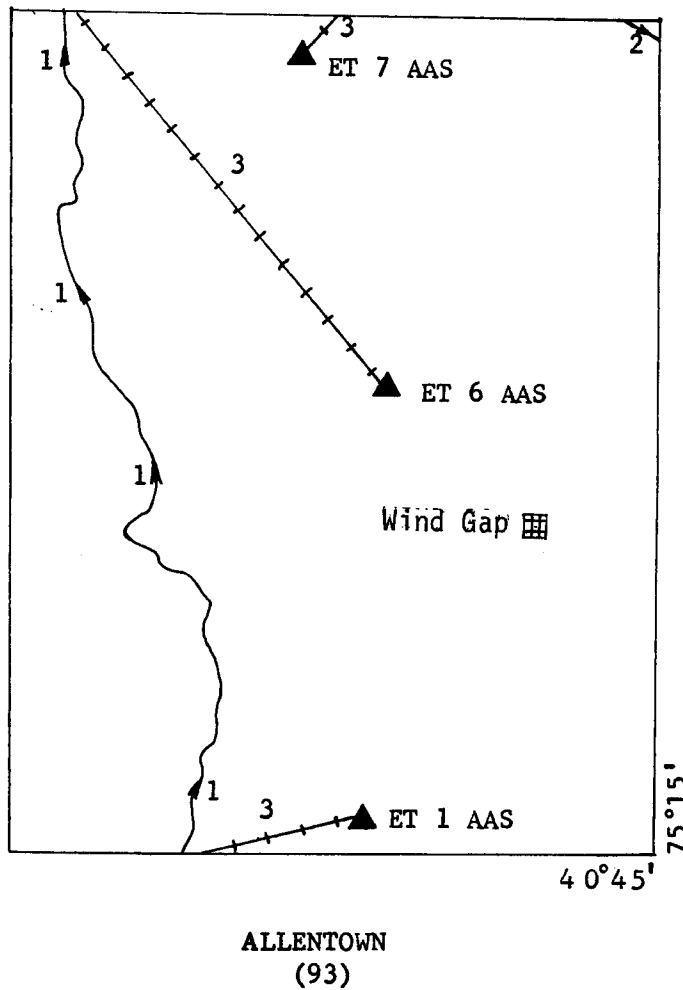
PR; GWK/sws

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

POCONO
(140 PA.)

MAUCH CHUNK
(117 PA.)

DELAWARE WATER GAP
(115 PA.-46 N.J.)



116 PENNSYLVANIA
WIND GAP QUADRANGLE

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<u>PENN. DEPT. OF TRANSPORTATION</u>			
535.117 (Replaces USGS 524)	4	1	811

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE			LONGITUDE		
		°	'	"	°	'	"
<u>LINE 1.</u>							
By E. F. Burzynski, 1957; Book AH 476							
706+	Centerline of crossroads	X = 2,642,881	Y = 221,947	40 45 07.90	75 25 46.24		
709+	Centerline of rd. at drain crossing	X = 2,643,228	Y = 223,769	40 45 25.80	75 25 41.10		
714+	Centerline of rd. at power-line crossing	X = 2,643,535	Y = 226,121	40 45 48.96	75 25 36.29		
717a.	Centerline of rd. at rd. S.	X = 2,643,383	Y = 227,420	40 46 01.83	75 25 37.82		
722a.	Centerline of crossroads	X = 2,645,180	Y = 229,358	40 46 20.49	75 25 13.79		
724.	Klecknersville; opposite Klecknersville Hotel; 67 ft S. and 33 ft E. of, and about 3 ft higher than T-rd. NE.; 34 ft S. of power pole #816; in N. end of concrete base of water well; standard tablet stamped "TT 35 EFB 1957"	X = 2,644,393	Y = 230,486	40 46 31.84	75 25 23.62		
724a.	Centerline of rd. at rd. NE.	X = 2,644,360	Y = 230,553	40 46 32.51	75 25 24.03		
729+	Centerline of rd. at powerline crossing	X = 2,645,752	Y = 233,954	40 47 05.74	75 25 04.75		
733a.	Centerline of rd. at long tangent extended of rd. SE.	X = 2,646,531	Y = 237,212	40 47 37.71	75 24 53.49		
735+	Centerline of rd. over drain crossing	X = 2,646,356	Y = 239,804	40 48 03.36	75 24 54.86		

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

LINE 1 (Cont'd.)

737+. Centerline of rd. over
drain crossing

X = 2,645,560	Y = 240,777	40 48 13.18	75 25 04.86
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741. Point Phillip, 0.85 mi N. of, along dirt rd.; about 2.3 mi N. of Klecknersville; about 3.1 airline mi SSE. of Kunkletown; 24 ft N. and 15 ft W. of, and about 2 ft higher than crossroads; 2 ft W. of power pole #268; in concrete post; standard tablet stamped "TT 36 EFB 1957"

X = 2,645,054	Y = 242,480	40 48 30.14	75 25 10.84
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741a. Centerline of crossroads

X = 2,645,069	Y = 242,456	40 48 29.90	75 25 10.66
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742+. Centerline of rd. at grade
crossing

X = 2,644,896	Y = 243,320	40 48 38.48	75 25 12.60
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748+. Centerline of rd. at rail ESE.

X = 2,644,439	Y = 245,827	40 49 03.36	75 25 17.67
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758a. Centerline of rd. at trail E.
at sharp bend in rd.

X = 2,646,492	Y = 247,367	40 49 18.02	75 24 50.44
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773a. Centerline of rd. at
trail NW.

X = 2,646,272	Y = 248,712	40 49 31.37	75 24 52.83
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801a. Centerline of rd. at
trail SE.

X = 2,641,336	Y = 250,134	40 49 46.72	75 25 56.51
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811. Kunkletown, 1.4 mi SE. of; 22 ft E. of, and 2.5 ft higher than centerline of Legislative Route 45002; 125 ft N. of intersection of Legislative Routes 45002 and 45052; in SE. corner of bridge parapet wall over Aquashicola Creek; Pennsylvania Department of Transportation standard disk stamped "535.117" (Replaces USGS bench mark "524")

(Horizontal position lost)

812+. Center of bridge over Aquashicola Creek

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WIND GAP QUADRANGLE

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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE			LONGITUDE		
		°	'	"	°	'	"
<u>LINE 1 (Cont'd.)</u>							
831a.	Centerline of rd. at grade crossing	X = 2,636,654	Y = 256,230	40 50 48.17	75 26 55.29		
838+.	Centerline of rd. over drain crossing	X = 2,638,307	Y = 257,974	40 51 04.96	75 26 33.18		
841+.	Center of bridge over creek	X = 2,639,109	Y = 258,824	40 51 13.15	75 26 22.45		
846+.	Centerline of rd. at fence- line W.	X = 2,638,193	Y = 262,269	40 51 47.42	75 26 33.18		
850.	Kunkletown, 1.6 mi N. of; 300 ft S. of crossroads; 6 ft from S. end of E. wall of stone arch bridge over Princess Creek; standard tablet stamped "644"	X = 2,638,187	Y = 263,328	40 51 57.88	75 26 32.89		
852a.	Center of bridge over creek	X = 2,638,168	Y = 263,346	40 51 58.06	75 26 33.13		
857+.	Centerline of rd. at rd. NW.	X = 2,637,146	Y = 265,836	40 52 22.92	75 26 45.56		
861+.	Centerline of rd. at drain crossing	X = 2,636,992	Y = 267,600	40 52 40.39	75 26 46.96		
867+.	Centerline of rd. at drain crossing	X = 2,635,754	Y = 269,223	40 52 56.75	75 27 02.50		
869+.	Centerline of rd. at powerline crossing	X = 2,635,505	Y = 269,967	40 53 04.16	75 27 05.49		

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

LINE 1 (Cont'd.)

884+.	Centerline of crossroads		
	X = 2,631,869 Y = 274,801	40 53 52.86	75 27 51.15
888.	Gilbert, 0.7 mi S. of, thence 1.4 mi W.; 2.0 mi NE., thence 0.4 mi S. of Kresgeville; on steel bridge over Pohopoco Creek; in W. end of N. bridge seat; standard tablet stamped "683"		
	X = 2,631,604 Y = 276,740	40 54 12.08	75 27 53.93
891a.	Centerline of crossroads		
	X = 2,631,354 Y = 278,842	40 54 32.91	75 27 56.46
892+.	Centerline of crossroads		
	X = 2,631,012 Y = 281,341	40 54 57.68	75 28 00.06
897+.	Centerline of rd. at rd. E.		
	X = 2,629,085 Y = 284,750	40 55 31.85	75 28 23.98
902.	Merwinsburg, 2.3 mi S. of, on Kinkletown Road; 3.3 mi NE. of Kresgeville; 27 ft S. and 20 ft E. of, and about 1 ft lower than crossroads; in concrete post; standard tablet stamped "TT 37 EFB 1957"		
	X = 2,628,410 Y = 287,611	40 56 00.29	75 28 31.79
902a.	Centerline of crossroads		
	X = 2,628,390 Y = 287,639	40 56 00.57	75 28 32.04
908+.	Centerline of rd. at drain crossing		
	X = 2,268,693 Y = 290,990	40 56 33.59	75 28 26.95
910+.	Centerline of crossroads		
	X = 2,629,100 Y = 291,915	40 56 42.62	75 28 21.33
910+.	Centerline of crossroads		
	X = 2,629,626 Y = 293,013	40 56 53.33	75 28 14.10
912+.	Centerline of rd. at township line crossing		
		40 57 00.00	75 28 00.00

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

LINE 1 (Cont'd.)

918+. Centerline of rd. at rd. W.

X = 2,629,843	Y = 298,124	40	57	43.76	75	28	09.52
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923a. Centerline of crossroads

X = 2,630,108	Y = 299,528	40	57	57.56	75	28	05.59
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924. Merwinsburg; in concrete bridge floor adjacent to NW. abutment of bridge over Pohopoco Creek; 580 ft NE. of crossroads; standard tablet stamped "TT 38 EFB 1957"

X = 2,630,499	Y = 299,979	40	58	01.91	75	28	00.34
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930+. Centerline of rd. at rd. E.

X = 2,628,909	Y = 303,111	40	58	33.26	75	28	19.98
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933. Merwinsburg, 1.5 mi N., along alternately hardtop and dirt rd.; 1 ft S. and 15 ft E. of, and about 2 ft higher than crossroads; 5 ft S. of pwer pole #28; in concrete post; standard tablet stamped "TT 39 EFB 1957"

X = 2,627,635	Y = 306,885	40	59	10.87	75	28	35.30
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933a. Centerline of crossroads

X = 2,627,620	Y = 306,886	40	59	10.88	75	28	35.49
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943a. Centerline of rd. at rd. E.

X = 2,628,216	Y = 310,729	40	59	48.69	75	28	26.41
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LINE 2.

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

109. Bartonsville, 1.2 mi SE. along U.S. Highway 611 from Hotel Bartonsville; about 4.5 mi NW. of Stroudsburg; 26 ft S. and 2 ft E. of, and about level with rd.; in W. end of S. span of bridge over Wigwam Run; standard tablet stamped "TT 26 EFB 1957"

X = 2,687,835	Y = 312,816	40	59	53.09	75	15	28.44
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109a. Center of bridge over Wigwam Run

X = 2,687,833	Y = 312,842	40	59	53.35	75	15	28.46
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE			LONGITUDE		
		°	'	"	°	'	"

LINE 3.

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

Saylorsburg (Fire House) 0.25 mi NW., thence left (SW.) along blacktop for 1.45 mi to offset crossroads, thence right (NW.) for 0.65 mi along dirt rd. to Y-rd. fork; continue left for 0.35 mi; 0.25 mi SW. of Owl Hollow Swimming Pool; 0.1 mi W. of gasline crossing; 40 ft S. and 10 ft W. of dim drive on E. side of house foundation; 100 ft NE. of small brown stucco cabin; 6 ft S. of NE. corner of foundation; standard tablet stamped "ET 6 AAS 1959"

X = 2,660,087	Y = 270,740	40 53 05.22	75 21 45.30
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S10A. SE. corner of cabin

X = 2,660,021	Y = 270,669	40 53 04.54	75 21 46.19
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S10B. Centerline of rd. at field rd. N.

X = 2,659,954	Y = 270,723	40 53 05.09	75 21 47.04
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Mooresville, 1.6 mi SE. of junction of State Highways 512 and 946, along Highway 946, thence right 0.6 mi along macadam rd., thence left 0.2 mi along dirt rd.; 26 ft S. and 4 ft W. of centerline of intersection of lane SW.; 3 ft W. of power pole No. B-32341; in concrete post; standard tablet stamped "ET 1 AAS 1959"

X = 2,659,134	Y = 222,346	40 45 07.48	75 22 15.01
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Centerline of rd. at fence E.

X = 2,659,088	Y = 222,481	40 45 08.83	75 22 15.56
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Centerline of rd. at fenceline and field rd. SW.

X = 2,659,140	Y = 222,370	40 45 07.72	75 22 14.92
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S-8. Appenzell Community (Wallingsford store), 0.5 mi N. of, thence 1.4 mi W. along macadam rd.; 53 ft S. and 11 ft W. of, and about 3 ft higher than centerline of rd. at junction of T-rd. S.; in concrete post; standard tablet stamped "ET 7 AAS 1959"

X = 2,652,994	Y = 310,705	40 59 41.89	75 23 03.40
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S-8A. Centerline of junction of T-rd.

X = 2,652,995	Y = 310,759	40 59 42.43	75 23 03.37
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