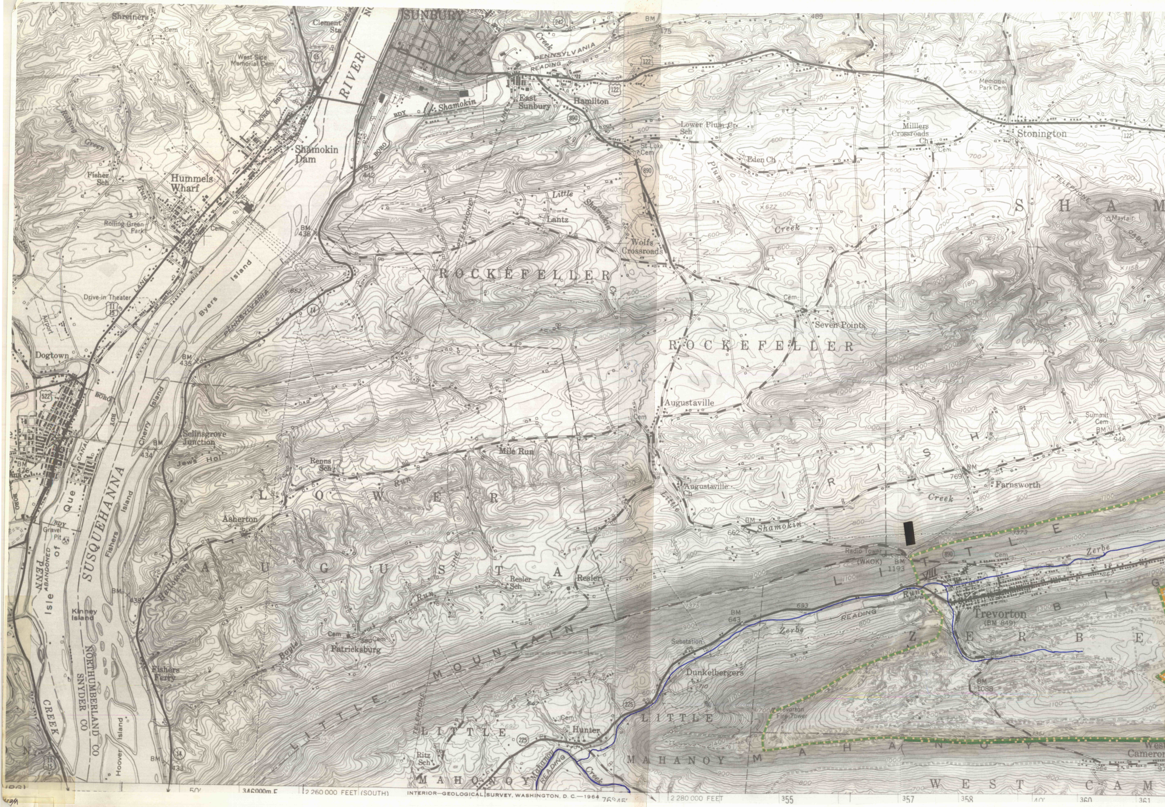
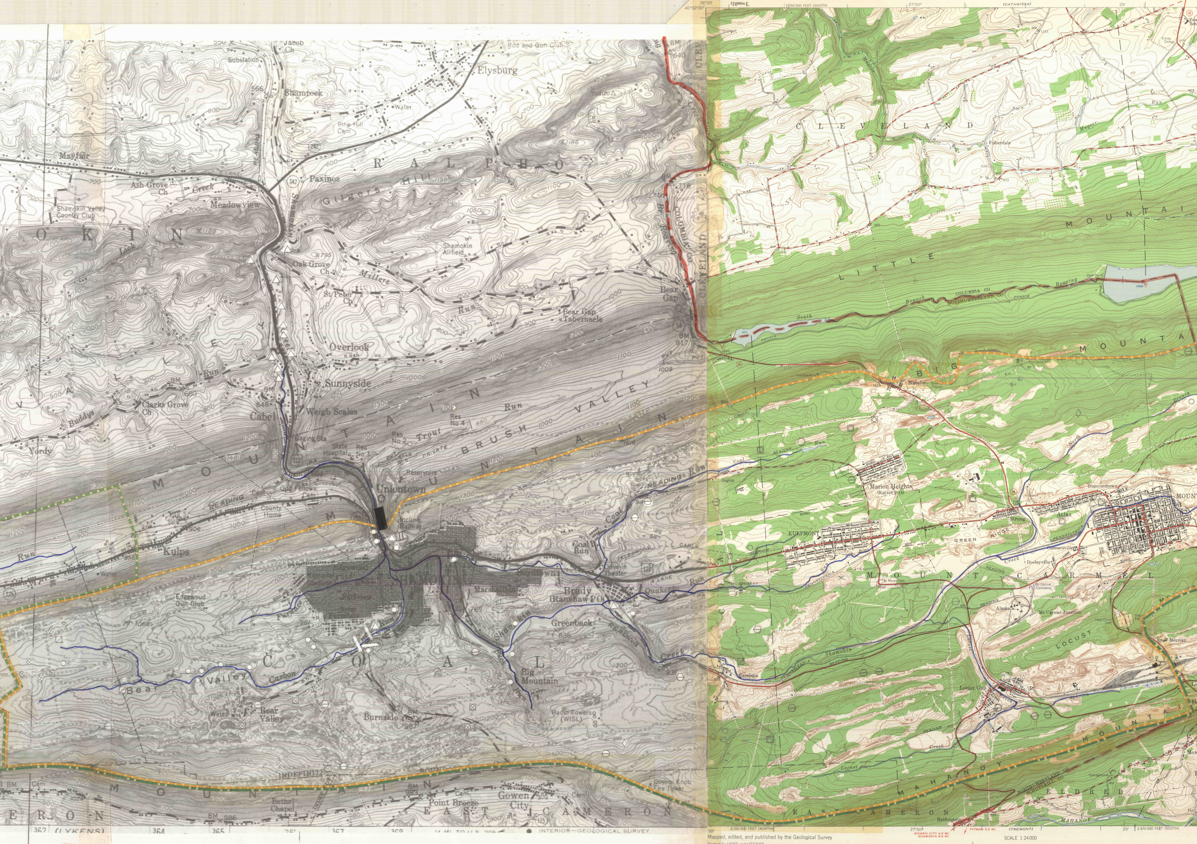

SUNBURY
Shreiners
Clement Sta
West Side Memorial Cem
RIVER
Creek
PENNSYLVANIA
READING
Shamokin
East Sunbury
Hamilton
Lower Plum Cr Sch
Millers Crossroads Ch
Memorial Park Cem
Stonington
Rolling Green Run
Shamokin Dam
Fisher Sch
Hummels Wharf
Rolling Green Park
St Luke Cem
Eden Ch
Plum Creek
Little Shamokin
Lantz
Wolfs Crossroads
S H A M
Maylair
ROCKEFELLER
Byers Island
Drive-in Theater
Airport
Seven Points
ROCKEFELLER
Dogtown
Augustaville
Summit Cem
Selinsgrove Junction
Jews Hol
Cherry Island
Mile Run
Renns Sch
Farnsworth
S H R I
Augustaville Ch
Creek
L O W E R
Asherton
Penn Creek
Isle of Que
ABANDONED CANAL
SUSQUEHANNA
Fishers Island
Shamokin
Radio Tower (WKOK)
L I T T L E
Zerbe
A U G U S T A
Resler Sch
Resler
Kinney Island
Run
Trevorton (BM 849)
Z E R B E
Zerbe
Substation
Patricksburg
Dunkelbergers
LITTLE MOUNTAIN
Fishers Ferry
NORTHUMBERLAND CO
SNYDER CO
Hoover Island
Trevorton Fire Tower
LITTLE
Hunter
LITTLE
Ritz Sch
M A H A N O Y
Mahanoy Creek
M A H A N O Y
West Cameron
W E S T
C A M
TELEPHONE CABLE
TELEPHONE LINE
50'
346000m.E
2 260 000 FEET (SOUTH)
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964
76°45'
2 280 000 FEET
355
357
358
40'
360
361

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY


76°30'
40°52'30"
2 350 000 FEET (SOUTH)
27'30"
(CATAWISSA)
25'
CATAWISSA 6.4 MI.
NUMIDIA 0.2 MI.
Elysburg
Shamrock
Jacob Ch
Substation
Rod and Gun Club
Pine Hill Cem
Water
Mayfair
Ash Grove Ch
Meadowview
Shamokin Valley Country Club
Paxinos
R A L P H O
Gilgers Hill
Oak Grove Ch
St Peter Ch
Millers Run
Shamokin Airfield
Bear Gap Tabernacle
Bear Gap
Overlook
Sunnyside
Weigh Scales
Cabel
Clarks Grove Ch
Buddys Run
Yordy
Gaging Sta
State Hospital
Res No 1
Res No 2
Res No 4
Trout Run
BRUSH VALLEY
Reservoirs
Uniontown
Odd Fellows Cem
County Home
Incline Railway
Kulps
Edgewood Gun Club
Marshallton
Boydtown
Coal Run
Drive-in Theater
Brady (Ranshaw P O)
Greenback
Big Mountain
Radio Towers (WISL)
Burnside
Bear Valley
Carbon Run
Point Breeze
Gowen City
Bethel Chapel
Boyers Knob Fire Tower
M O U N T A I N
C O A L
E A S T   C A M E R O N
C L E V E L A N D
Fisherdale
LITTLE MOUNTAIN
South Branch Roaring Creek
COLUMBIA CO
NORTHUMBERLAND CO
BIG MOUNTAIN
Natalie
Marion Heights (Kaiser P O)
Kulpmont
Diamondtown
Atlas
Strong
GREEN RIDGE
Dooleyville
M O U N T   C A R M E L
Alaska
Mt Carmel Junction
Locust Gap
LOCUST MOUNTAIN
Excelsior
Merriam
MAHANOY MOUNTAIN
E L D R E D
Helfenstein
362
(LYKENS)
364
365
25'
367
369
INTERIOR—GEOLOGICAL SURVEY
2 350 000 FEET (NORTH)
27'30"
GOWEN CITY 4.6 MI.
SHAMOKIN 8.6 MI.
PITMAN 5.2 MI.
(TREMONT)
2 370 000 FEET (SOUTH)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1955

Polyconic projection. 1927 North American datum
10,000-foot grids based on Pennsylvania coordinate system, north and south zones
1000-meter Universal Transverse Mercator grid ticks,

TRUE NORTH
MAGNETIC NORTH
8½°

SCALE 1:24000

1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
PENNSYLVANIA

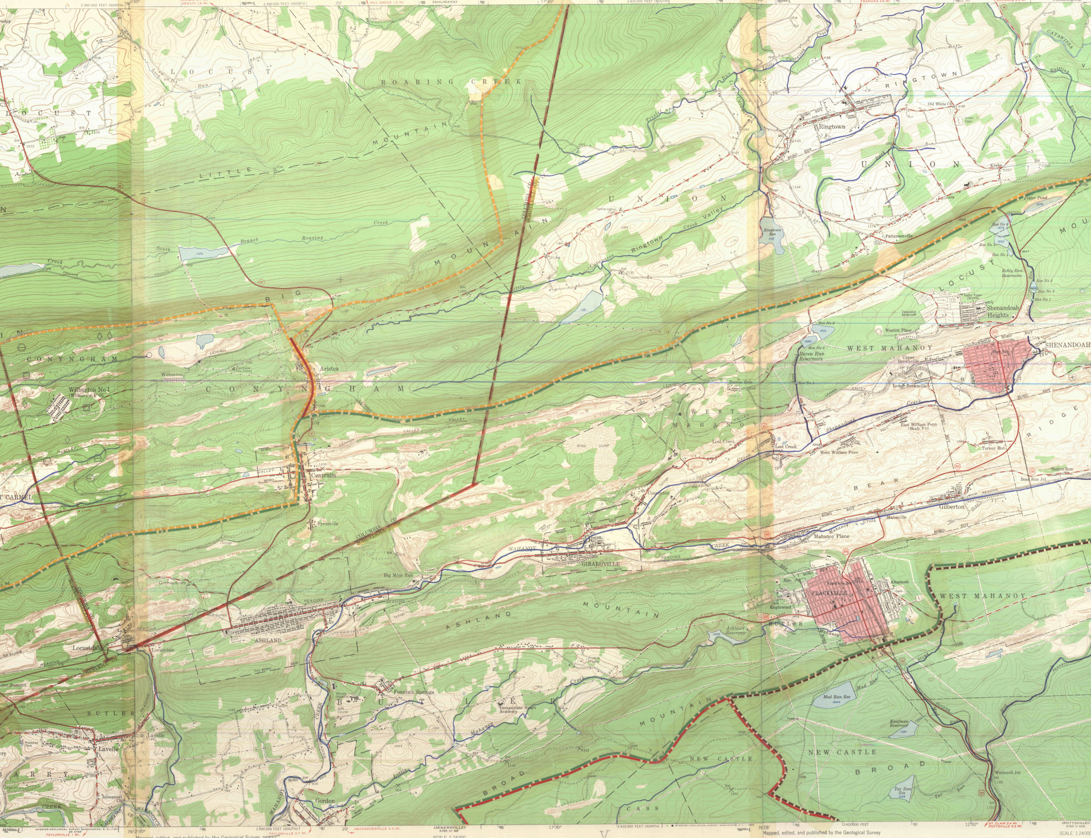
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

MOUNT CARMEL QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 CATAWISSA 15' QUADRANGLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ASHLAND QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 CATAWISSA 15' QUADRANGLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



NUMIDIA 2.7 MI.
NEWLIN 1.6 MI.
2 380 000 FEET (NORTH)
386000m E.
2 390 000 FEET (NORTH)
20'
MILL GROVE 1.6 MI.
5765 IV NE (SHUMANS)
17'30"
2 410 000 FEET (SOUTH)
76°15'
RARICKS 2.6 MI.
12'30"
BLOOMSBURG 20 MI.
SHUMANS 8.9 MI.
5765 I NW (NUREMBERG)
LOCUST
ROARING CREEK
LITTLE MOUNTAIN
UNION
BIG MOUNTAIN
South Branch Roaring Creek
CONYNGHAM
Wilburton
Wilburton No 1 (Wilburton P O)
Aristes
Centralia
Byrnesville
MOUNT CARMEL
Locustdale
Germantown
Big Mine Run
ASHLAND
ASHLAND MOUNTAIN
Fountain Springs
Immaculate Heart Academy
BUTLER
Lavelle
BARRY
Immanuel Ch
Gordon
BROAD MOUNTAIN
NEW CASTLE
CASS
Ringtown
RINGTOWN
Old White Ch
UNION
Krebs
Ringtown Res
Pattersonville
Hetherington
Catawissa Creek
Ringtown Valley
Fetter Pond
LOCUST MOUNTAIN
Kehly Run Reservoirs
Shenandoah Heights
SHENANDOAH
Weston Place
WEST MAHANOY
Upper Brownsville
Lower Brownsville
Raven Run Reservoirs
Raven Run
Lost Creek
West William Penn
East William Penn (Shaft P O)
Turkey Run
Shenandoah Creek
BEAR RIDGE
Boston Run
Bear Run Jct
Gilberton
Connerton
Maizeville
Mahanoy Plane
GIRARDVILLE
Mahanoy Creek
FRACKVILLE
Altamont
Englewood
Ashland Reservoir
Mud Run Res
Kaufman Reservoir
Wetherill Jct
Tar Run Res
Tar Run
NEW CASTLE
BROAD
CATAWISSA
382000m E.
76°2'30"
385
2 390 000 FEET (SOUTH)
387
TAYLORVILLE 1 MI.
TAYLORVILLE 3.7 MI.
HECKSCHERVILLE 4.3 MI.
(MINERSVILLE) 5765 III NE
17'30"
2 410 000 FEET (NORTH)
394000m E.
76°15'
2 420 000 FEET
12'30"
ST. CLAIR 2.4 MI.
POTTSVILLE 5.2 MI.
(POTTSVILLE) 5765 II NW

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1961
MR 6760

ROAD CLASSIFICATION

Heavy-duty
Light-duty
Medium-duty
Unimproved dirt
U. S. Route
State Route

Mapped, edited, and published by the Geological Survey

VII

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1953

Polyconic projection. 1927 North American datum
10,000-foot grids based on Pennsylvania coordinate system,
south and north zones

Unchecked elevations are shown in brown

MN GN 8½° 151 MILS 0°51' 15 MILS

UTM GRID AND 1953 MAGNETIC NORTH

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

PENNSYLVANIA

MOUNT CARMEL, PA.

V

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1956

ROAD CLASSIFICATION

Heavy-duty
Light-duty
Medium-duty
Unimproved dirt
U. S. Route
State Route

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Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1946
Culture revised 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone

Red tint indicates areas in which only

MN GN 9° 160 MILS 0°47' 14 MILS

SCALE 1:24000

1 ½ 0

1000 0 1000 2000 3000

1 .5 0

CONTOUR INTERVAL 2

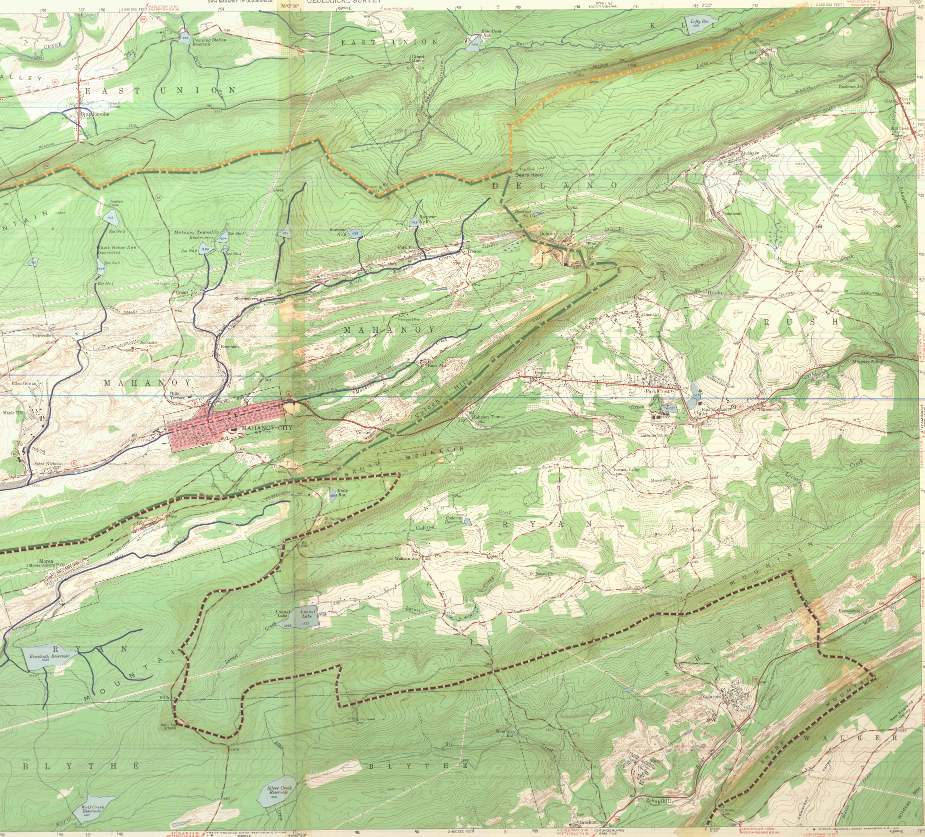
DATUM IS MEAN SEA L

ASHLAND, PA.

PENNSYLVANIA—SCHUYLKILL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 MAHANOY 15' QUADRANGLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MAHANOY 15' QUADRANGLE


401
10'
402
2 440 000 FEET
HAZLETON 13 MI.
SHEPPTON 2.9 MI.
404
76°07'30"
406000m E.
SHEPPTON 1.6 MI.
408
5'
409
410
5765 I NE
(CONYNGHAM)
411
412
2'30"
413
2 480 000 FEET
HAZLETON 6.1 MI.
McADOO 2.1 MI.
76°00'
40°52'30"
4525
4524
560 000 FEET
4523
4522
4521
50'
4520
4519
4518
4517
47'30"
4514
4513
4512000m N.
40°45'
EAST UNION
KLINE
DELANO
MAHANOY
RUSH
RYAN
BLYTHE
SCHUYLKILL MOUNTAIN
SHARP MOUNTAIN
WALKER
BROAD MOUNTAIN
Vulcan Hill
Brandonville
Pumping Station Reservoir
Blue Head Res
Lofty Res
Lofty
Hazleton Jct
Gintner
Still Creek
Girard Manor
Bears Head
Quakake
Tamanend
Delano
Laurel Jct
Park Place
Trenton
Pine Jct
Hauchs
Grier City
Park Crest
East Mahanoy Jct
Barnesville
Mintzers Siding
Hosensock
Lakeside Sch
Locust Valley
Messerschmidt Sch
Mahanoy Tunnel Sta
Buck Mtn
Primrose Mine
Shoemakers
Craigs
Bowmans
Jacksons
Yatesville
Ellen Gowan
Maple Hill
Hills Terrace
MAHANOY CITY
Vulcan
Saint Nicholas
Boston
Morea
(Morea Colliery P O)
Kaier Res
St Nicholas Cem
Codorus Reservoir
Walborn Sch
St Peters Ch
Locust Lake
Eisenhuth Reservoir
Silver Creek Reservoir
Wolf Creek Reservoir
Moss Glen Res
Tuscarora
Reevesdale
Maryd
Brockton
St Bertha Cem
New England Valley
Wildcat Mtn
Lewistown
Schuylkill
Mahanoy Township Reservoirs
Waste House Run Reservoirs
Peddlers Grave
Radio Tower (WPAM)
Silver Fire Tower
READING
LEHIGH VALLEY
PENNSYLVANIA
CENTRAL
NEW JERSEY
ST CLAIR 3.5 MI.
POTTSVILLE 6.3 MI.
404000m E.
406
407
2 460 000 FEET
5'
409
MIDDLEPORT 2 MI.
POTTSVILLE 9.4 MI.
(ORWIGSBURG)
5765 II NE
2'30"
LEWISTOWN 1.3 MI.
McKEANSBURG 6.2 MI.
LEWISTOWN 1.5 MI.
MT. CARBON 11 MI.
415000m E.
76°00'
TAMAQUA 2.7 MI.
LEHIGHTON 20 MI.
TAMAQUA 5 MI.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1965

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964

ROAD CLASSIFICATION

Heavy-duty
Light-duty
Medium-duty
Unimproved dirt
U. S. Route
State Route

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Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1946
Culture revised 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks.

MN
GN
9½°
169 MILS
0°42'
12 MILS

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

PENNSYLVANIA

ROAD CLASSIFICATION

Heavy-duty
Light-duty
Medium-duty
Unimproved dirt
U. S. Route
State Route

SHENANDOAH, PA.

DELANO, PA.