UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REWARD QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MILLERSTOWN 15′ QUADRANGLE

(BEAVER SPRINGS) (DALMATIA) (NEWPORT) (HALIFAX) (RICHFIELD) (MILLERSTOWN) (MILLERSBURG) (DUNCANNON)

77°07′30″ 77°00′ 40°37′30″ 40°30′ 5′ 2′30″ 35′ 32′30″

321 000m.E. 330 000m.E. 4498 000m.N. 4486 000m.N.

2 200 000 FEET 2 180 000 FEET 470 000 FEET 430 000 FEET

KNOUSETOWN 4.3 MI.
3.2 MI. TO U.S. 11 & 15
BEAVER SPRINGS 19 MI.
EAST SALEM 6.3 MI.
THOMPSONTOWN 6.7 MI.
0.9 MI. TO U.S. 22 & 322
1.9 MI. MILLERSTOWN (JUNC. U.S. 22 & 322)
LIVERPOOL (JUNC. U.S. 11 & 15) 0.9 MI.
0.8 MI. TO U.S. 11 & 15
1.3 MI. TO U.S. 11 & 15
2.5 MI. TO U.S. 22 & 322
1.5 MI. TO U.S. 22 & 322

Seven Stars
St James Ch
St Michaels Ch
Pfoutz Valley Ch
Nekoda
Salem Ch
Cem
Gravel Pit
Gaging Sta
Liverpool
Reward Cem
St Matthews Ch Cem
Centerville
Wrights Ch
Mitchell Cem
Mitchell Gap
Reservoir
Center Ch Cem
Messiah Ch Cem
Bucks Ch
Bucks
Kamonack
BM 562
BM 596
BM 612
BM 489
BM 504
BM 691
BM 623

Turkey Run
Cabala Run
Cranes Run
Dobson Run
Coolamus Creek
Wildcat Run
Perry Run
Bargers Run
Sprout Run
Acker Run
Hunters Run
Valley Run
Toad Hollow Road
Reservoir Run
Valley

GREENWOOD VALLEY
TURKEY RIDGE
SUSQUEHANNA VALLEY
PFOUTZ VALLEY
WILDCAT RIDGE
LIVERPOOL VALLEY
GREENWOOD VALLEY
BUFFALO MOUNTAIN
BERRY MOUNTAIN
HOWE VALLEY

JUNIATA CO
PERRY CO

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1958. Field check 1959

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

8° MAGNETIC NORTH TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1959

SCALE 1:24 000
1 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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Medium-duty Light-duty
Unimproved dirt
State Route

PENNSYLVANIA
QUADRANGLE LOCATION

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1961—NS
MR 5365

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30/D

REWARD, PA.
SE/4 MILLERSTOWN 15′ QUADRANGLE
N4030—W7700/7.5
1959