PENNSYLVANIA 1:31,680

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

IRON SPRINGS QUADRANGLE

7½ - MINUTE SERIES

(SCOTLAND) (ARENDTSVILLE) (FLAT RIDGE) (WAYNESBORO) (FAIRFIELD) (SMITHSBURG) (BLUE RIDGE SUMMIT) (EMMITSBURG)

77°30' 27'30" 25' 77°22'30" 39°52'30" 47'30" 39°45'

2 080 000 FEET PA. (SOUTH) 190 000 FEET PA. (SOUTH) 160 000 FEET PA. (SOUTH) 2 100 000 FEET PA. (SOUTH)

1930 1925 1920 1916000 YARDS 1329000 YARDS

CALEDONIA PARK 2 1/2 MI. MONT ALTO 5 1/2 MI. MONT ALTO 5 MI. ROUZERVILLE 3 MI. WAYNESBORO 5 1/2 MI. ORRTANNA 1 MI. FAIRFIELD 1 1/2 MI. EMMITSBURG 4 1/2 MI.

5 Miles 4 3 2 1 0

GREEN
GUILFORD
MONT ALTO
FRANKLIN
QUINCY
HAMILTON BAN
WASHINGTON
LIBERTY
STATE FOREST
STATE GAME REFUGE
APPALACHIAN TRAIL
PRP No 21
PRP No 20
Rocky Mountain
Celtic Ridge
Raccoon Creek
Snagey Ridge
Michaux State Forest
Corbaugh Run
Marsh Creek (Hollow)
Knob Springs
The Knob
New Baltimore Gulford Township School
Mont Alto Sanatorium
South Mtn P O
South Mtn Sanatorium White Tower
New Baltimore School
Cold Springs School
Cold Springs
Snowy Mtn
Lookout 2073
Adams Franklin
Hayes Run
Tartown
Buzzard Pk
Chimney Rocks
Tumbling Run
Monument Rock
Briar Mtn
Tucker Run
Antietam Creek
State Ranger Station
Waynesboro Reservoir
Old Forge
Rattlesnake Cove Branch
Keedysville Mtn
Keedysville Mtn Trail
Appalachian
Glen Furney
Deer Lick Run
Virginia Rock
Wildcat Rocks
Pine Mtn
Roofing Plant
Gladhill (Greenstone P O)
Maker Run
Mt Hope
Baker's Knob
Middle Creek
Virginia Mills
Poplar Spring Creek
Chamberlains Hill
Green Run
Marys Rock
Marys Hill
Raven Rock
Rattling Run
Race Hill
Fairfield Sta
Fairfield
Spring Run
Hamiltonban Consolidated School (116)
Western Maryland
Iron Spring
Iron Springs
Maria Furnace
Toms Creek
Jacks Mountain
Jacks Mtn
Culp Run
Keepers Knob
Ridge
Cowan
Sylvan
Bottling Run
Maryland
Pennsylvania
(116)

Prepared by U. S. Department of Agriculture, Forest Service, under the direction of the Chief of Engineers, U. S. Army, 1944.

Control by U. S. Coast and Geodetic Survey, U. S. Geological Survey, Soil Conservation Service and Forest Service.
Topography by Forest Service stereophotogrammetric methods KEK plotter.
Photography by Soil Conservation Service, 1943.
Polyconic projection, 1927 North American datum.

ROAD CLASSIFICATION

Dependable hard-surface, heavy-duty road.
Loose-surface graded, dry weather road.
U. S. Route 160
Secondary, hard-surface, all-weather road.
Dirt road.
State Route 30
More than two lanes indicated by note along road with tick at point of change. 3 LANE | 4 LANE

THIS MAP COMPLIES WITH THE NATIONAL STANDARD MAP ACCURACY REQUIREMENTS.

BRUSH

Scale 1/31680

1 0 1 Mile
1000 500 0 1000 2000 Yards

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL (1929 ADJ.)

ONE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS IN THE U. S." ZONE B, U. S. C. & G. S. SPECIAL PUBLICATION NO. 59
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
TEN THOUSAND FOOT GRID BASED ON PENNSYLVANIA (SOUTH ZONE) PLANE COORDINATE SYSTEM.

NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME TO THEIR ATTENTION AND MAIL DIRECT TO "THE CHIEF OF ENGINEERS, WASHINGTON, D. C."

9°15' 164 MILS MAGNETIC NORTH
2°17' 41 MILS GRID NORTH

APPROXIMATE MEAN DECLINATION 1944
NO ANNUAL MAGNETIC CHANGE

SOIL CONSERVATION SERVICE, WASHINGTON, D. C. AMS NO. 120498
1944

IRON SPRINGS, PA.

N3945-W7722.5/7.5