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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

KEATING SUMMIT QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 EMPORIUM 15' QUADRANGLE

(SMETHPORT) 1:62500 — (COUDERSPORT) 1:62500

78°15′ — 12′30″ — (COUDERSPORT 1:62500) — 10′ — 1 890 000 FEET — 78°07′30″

41°45′ — 42′30″ — 40′ — 41°37′30″

570 000 FEET — 540 000 FEET

PORT ALLEGANY 4.7 MI. 4 MI. TO U.S. 6

ROULETTE 2.2 MI.

ROULETTE 5.9 MI.

(NORWICH) — (AUSTIN)

AUSTIN 2.3 MI. 20 MI. TO U.S. 120

AUSTIN 2 MI.

(RICH VALLEY) — (WHARTON)

GARDEAU 0.3 MI. EMPORIUM (JUNC. U.S. 120) 8.6 MI.

SIZERVILLE 2.9 MI. EMPORIUM 8.4 MI.

(EMPORIUM)

1 870 000 FEET

L I B E R T Y

R O U L E T T E

K E A T I N G

N O R W I C H

P O R T A G E

MC KEAN CO
POTTER CO

Wrights
BM 1572
Hamilton
South Branch Hamilton Run
Camp Hollow
Cady Hol
ALLEGHENY
PORTAGE
PENNSYLVANIA
BM 1598
1582
Scaffold Lick Run
1697
1624
1627
1638
Liberty
BM 1558
BM 1661
Heath Hollow
Indian Run
County Line Hollow
Baker Hol
Card Cr
Lamunyer
McLaughlin Hol
1753
2325
2281
2272
PIPE LINE
Right Fork Reed Run
ROAD
1741
Reed Run
2283
2287
Healey Hollow
2314
BM 2278
Odin Run
Firemans Hollow
Brown Hollow
1738
2172
Fair Run
Rock Run
2392
Lookout Mountain
2435
2475
Planing Mill Hol
Allegheny
Bark Shanty Hol
1894
Right Branch
2132
Left Br Bark Shanty Hol
Beaver Ponds
BM 1833
Portage Creek
2102
BM 1880
Keating Summit
2204
Witcheatree Hollow
BM 1827
1794
Smith Hollow
1904
2187
Demingsey Run
BM 1680
West Branch
2105
Mc Curley Hollow
1710
Firemans Run
2056
Buck Hollow
Cannon Branch
Crawford Hol
Culver Hol
Bush Hol
Reese Hol
Andrew Hollow
Cowley Run
1978
1912
1917
2031
Harner Hollow
Left Branch
Right Branch
Portage Creek
1510
Big Fill Hollow
West Branch
Slabtown Hollow
Fox Mountain
Fire Tower
2408
1857
East Branch Cowley Run
RIDGE ROAD
Half Mile Run
Parker Run
Little Fill Hol
BM 1413
1337
1469
Buckeye Hol
Ensign Run
McMann Hol

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Pa. Dept. of Highways

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1945. Field check 1948

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

7½° MAGNETIC NORTH — TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1948

SCALE 1:24000

1 0 ½ 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

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS	
Heavy-duty	4 LANE 16 LANE	Improved dirt	
Medium-duty	4 LANE 16 LANE	Unimproved dirt	
Loose-surface, graded, or narrow hard-surface			

U. S. Route — State Route

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

KEATING SUMMIT, PA.
NW/4 EMPORIUM 15' QUADRANGLE
N4137.5—W7807.5/7.5

EDITION OF 1950

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OCT 3 1950 J225