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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

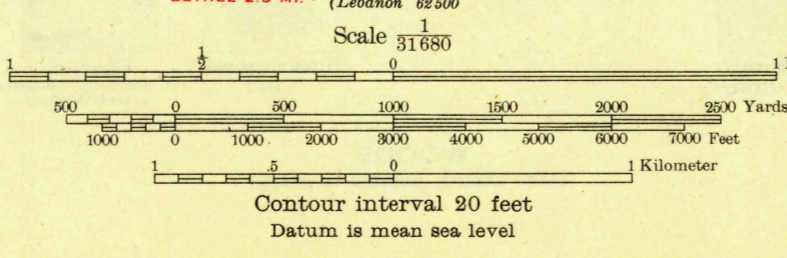
WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY
(Minersville)

PENNSYLVANIA
SWATARA HILL QUADRANGLE
7 1/2-MINUTE SERIES



(Tremont)
76° 22' 30"
40° 37' 30"
460 000
FEET
JUNC. STATE NO. 128 1.4 MI.
INDIANTOWN GAP 17.5 MI.
PINE GROVE 0.6 MI.
PINE GROVE (JUNC. STATE NO. 443) 0.6 MI.
201 000
YARDS
40° 30'
76° 22' 30"
690 000
YARDS
Mapped by the Geological Survey
1944
(Lebanon)
68 500

(Minersville)
17 30"
76° 15'
40° 37' 30"
CREESONA 3 MI.
SUMMIT STATION 2.8 MI.
ALBURN 0.4 MI.
(Piedmont)
430 000
FEET
(Wernersville)
65 000



ROAD CLASSIFICATION
1946
Dependable hard surface
heavy-duty road
Secondary hard surface
all weather road
Dirt road
Dry weather roads
Loose-surface graded
Unsurfaced, graded
Dirt road
U. S. Route (15)
State Route (28)
More than two lanes indicated along road with tick at point of change
Information furnished by Pennsylvania Department of Highways

Polycyclic projection. 1927 North American datum
5000 yard grid based on U. S. zone system. A
10000 foot grid based on Pennsylvania (South)
rectangular coordinate system
SWATARA HILL, PA.
Edition of 1946
N 4030-W 7615/7.5
USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

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