STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
PHILIP H. DEWEY, SECRETARY
TOPOGRAPHIC AND GEOLOGIC SURVEY
GEORGE H. ASHLEY, STATE GEOLOGIST

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PENNSYLVANIA-NEW YORK
SMETHPORT QUADRANGLE

PENNSYLVANIA NEW YORK
CATTARAUGUS CO ALLEGANY CO
MCKEAN CO

(Salamanca) 78°30' 42°00' 25' 20' 78°15' 42°00' (Belmont)

BUFFALO 80 MI. OLEAN 7 MI.
OLEAN 7 MI.
PORTVILLE 3 MI.
OLEAN 9 MI.
PORTVILLE 5 MI.
WELLSVILLE 22 MI.
BOLIVAR 7 MI.

KNAPP CREEK 3 MI.
BRADFORD 9 MI.
DALLAS CITY 4 MI.
REW 3 MI.
SHINGLEHOUSE 4 MI.
COUDERSPORT 20 MI.
SHINGLEHOUSE 7 MI.
BRADFORD 10 MI.
REW 3 MI.
ORMSBY 3 MI.
MARVINDALE 5 MI.
KANE 23 MI.
EMPORIUM 25 MI.
SHINGLEHOUSE 15 MI.
SHINGLEHOUSE 12 MI.
EMPORIUM JUNCTION 24 MI.
KEATING SUMMIT 8 MI.
ROULETTE 6 MI.
COUDERSPORT 15 MI.

(Byrdsford)

55' 50' 41°45'

15 Miles 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

2 160 000 YARDS
1 230 000 YARDS

Topography by J.I. Gayetty, W.C. Thompson, W.B. Brewer, and F.H. Sargent
Control by U.S. Geological Survey
Surveyed in 1932-1933

Scale 1/62500
1 0 1 2 3 4 Miles
5000 0 5000 10000 15000 20000 Feet
1 0 1 2 3 4 5 Kilometers

Contour interval 20 feet
Datum is mean sea level

APPROXIMATE MEAN DECLINATION 1933
MAGNETIC NORTH
TRUE NORTH

Polyconic projection. North American datum
5000 yard grid based upon U.S. zone system, B

HARD IMPERVIOUSLY SURFACED ROADS
OTHER MAIN TRAVELED ROADS
1935

SMETHPORT, PA.-N.Y.
Edition of 1937
2655 : 3700 : /49 ;

FILE COPY
USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION
FEB 26 1937
13405