SALEM 13 MI.
LISBON 2 MI.

45 30 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WEST VIRGINIA
REPRESENTED BY THE
GEOLOGICAL AND ECONOMIC SURVEY

YOUNGSTOWN (CIVIC CENTER) 27 MI.
ROGERS 3 MI.

7 STATE OF PENNSYLVANIA
REPRESENTED BY THE
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

170 PALESTINE 6.8 MI.
NEGLEY 3.3 MI.

STATE OF OHIO
REPRESENTED BY THE GOVERNOR

WEST VIRGINIA-OHIO-PENNSYLVANIA
WELLSVILLE QUADRANGLE

(Lisbon) 80°45' 2490000 FT OHIO (NORTH) 1170000 FT. PA. (SOUTH) R.2 W. 40' R.1 W. 35' 1720000 FT. W.VA.(NORTH) 80°30' (Newcastle)
40°45' 530000 FEET PA.(SOUTH) 40°45' 820000 FEET W.VA.(NORTH)

390000 FEET OHIO (NORTH)

SALINEVILLE 12 MI.
LISBON 7.7 MI.
GAVERS (JUNC. STATE NO. 164) 3.2 MI.

SALINEVILLE 5 MI.
IVERNESS 0.4 MI.

JUNC. STATE NO. 168 0.6 MI.
DARLINGTON (VIA STATE NO. 168) 11.3 MI.

MIDLAND 3.2 MI.
ROCHESTER (CIVIC CENTER) 13.2 MI.

HOOKSTOWN 3 MI.
FRANKFORT SPRINGS 13 MI.

HARSHAVILLE 6.5 MI.
PITTSBURGH (CIVIC CENTER) 34.3 MI.

JUNC. STATE NO. 168 0.8 MI.

KENDALL 1 MI.
HARSHAVILLE 6 MI.

2005000 YARDS

740000 FEET W.VA.(NORTH)

440000 FEET PA. (SOUTH)

310000 FEET OHIO (NORTH)

40°30' 80°45' 1025000 YARDS 1660000 FEET W.VA.(NORTH) R.2 W. 40' R.1 W. (Steubenville) 35' 2550000 FEET OHIO (NORTH) 1230000 FT. PA.(SOUTH) 80°30' (Burgettstown) 40°30'

KNOXVILLE 1.4 MI.
RICHMOND 9.2 MI.

WEIRTON (JUNC. U. S. NO. 22) 6.5 MI.
WHEELING (CIVIC CENTER) 35.1 MI.

(Cadiz)

Jno. H. Renshawe, Geographer in charge.
Triangulation by W. T. Griswold.
Topography by Van H. Manning, Frank Sutton, and J. D. Forster.
W. Va. Culture revised in 1937 by C. H. Price JUNC. STATE NO. 152 0.5 MI.
SURVEYED IN 1901-1902 IN COOPERATION WITH THE STATES OF OHIO, WEST VIRGINIA, AND PENNSYLVANIA.

APPROXIMATE MEAN DECLINATION, 1937

Scale 1/62500

1 0 1 2 3 4 Miles
1000 500 0 1000 2000 3000 4000 5000 6000 7000 Yards
1000 0 3000 6000 9000 12000 15000 18000 Feet
1 .5 0 1 2 3 4 5 Kilometers

Contour interval 20 feet
Datum is mean sea level
TORONTO 2.4 MI.
STEUBENVILLE (CIVIC CENTER) 10.4 MI.

Polyconic projection. North American datum
5000 yard grid based on U.S. zone system, B
10000 foot grids based on Ohio (North)
West Virginia (North) and Pennsylvania (South)
rectangular coordinate systems

ROUTES USUALLY TRAVELED
HARD IMPERVIOUS SURFACES
OTHER SURFACE IMPROVEMENTS
U. S. ROUTE 1944 STATE ROUTE

WELLSVILLE, W.VA.-O.-PA.
Edition of 1944
N4030-W8030/15

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USGS Historical File Topographic Division

JAN 11 1954

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