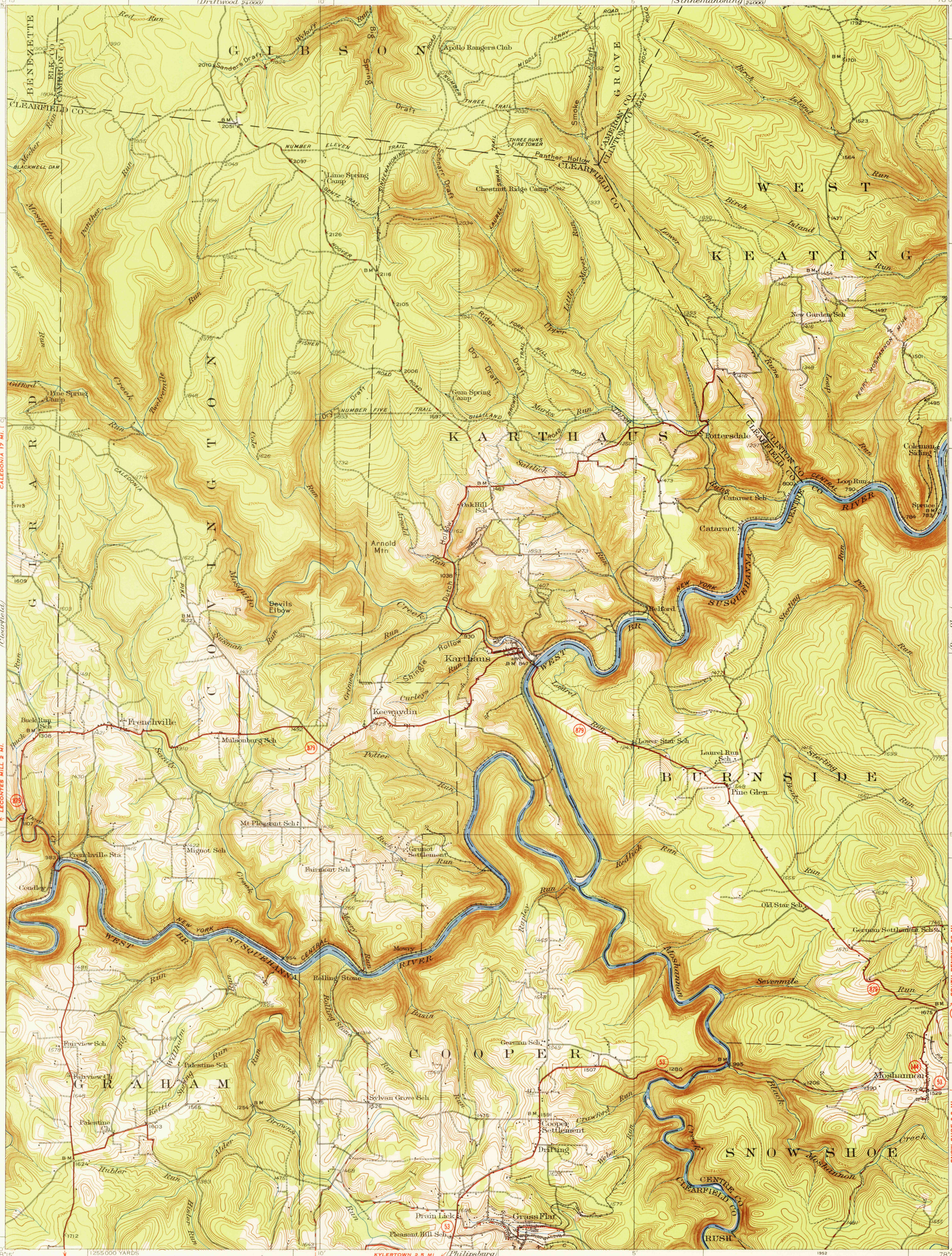
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

PENNSYLVANIA
KARTHAUS QUADRANGLE

(Benezette)
DRIFTWOOD 9.4 MI.
(Driftwood 1/24000)
(Sinnemahoning 1/24000)
(Keating 1/24000)



(Houtzdale)
(Philipsburg)
(Bellefonte)

Topography by J. I. Gayetty, F. H. Sargent, and R. F. Hamke
Surveyed in 1929

MORRISDALE 3.7 MI.
PHILIPSBURG 8 MI.

KYLERTOWN 0.4 MI.

KYLERTOWN 2.5 MI
PHILIPSBURG 12 MI.

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

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty 4 LANE / 6 LANE	Improved dirt
Medium-duty 4 LANE / 6 LANE	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	
U. S. Route	State Route

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1929

Scale 1/62500

1 ½ 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

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

KARTHAUS, PA.
1929

N4100-W7800/15

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