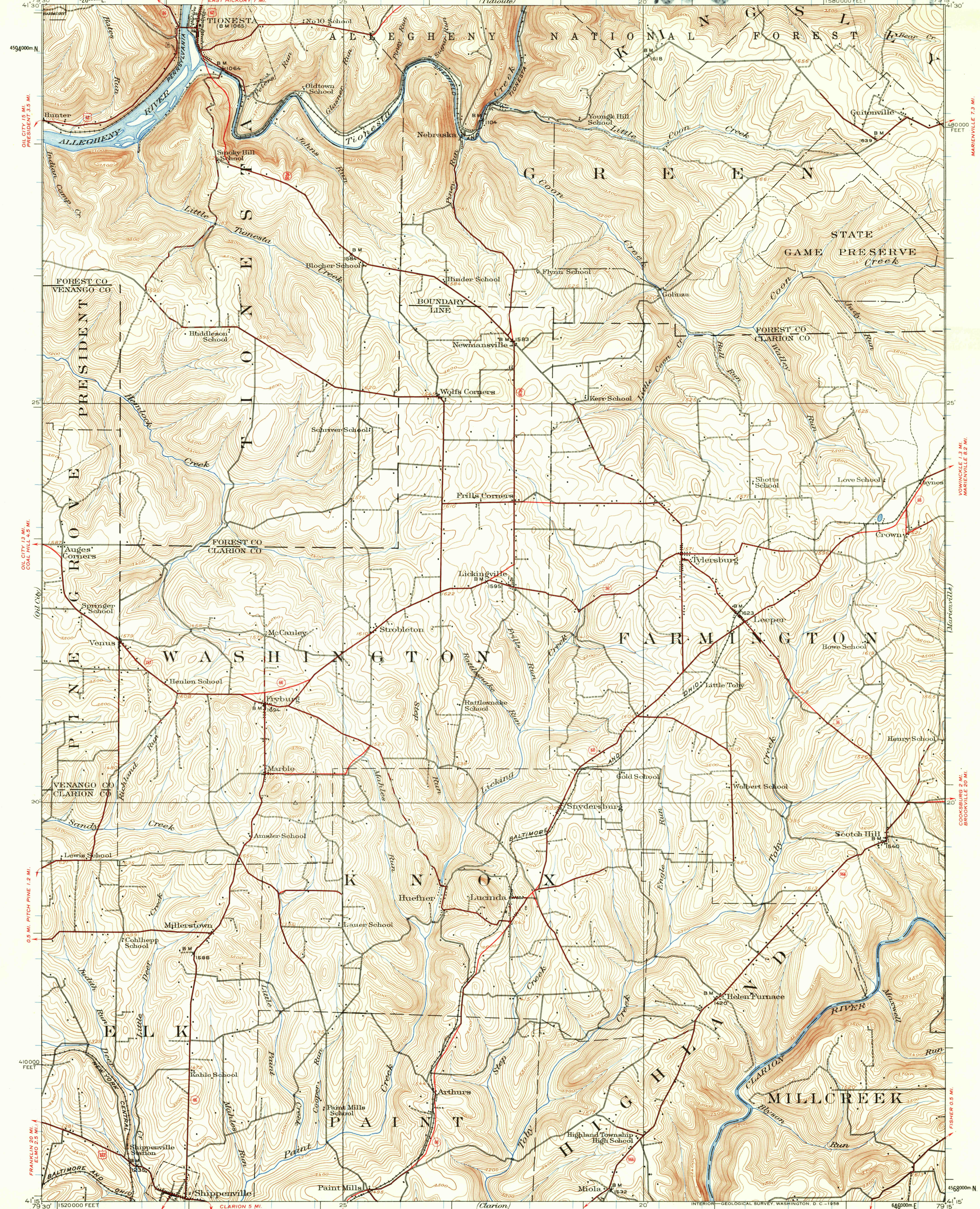


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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

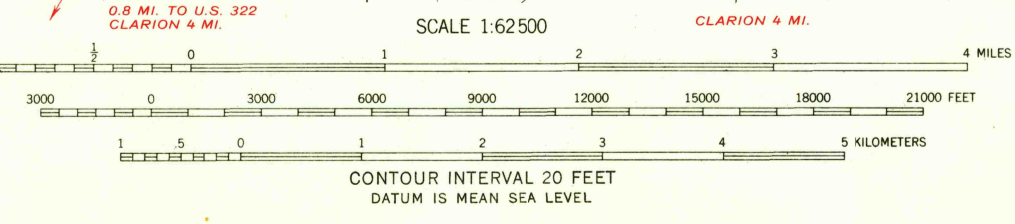
STATE OF PENNSYLVANIA  
DEPARTMENT OF INTERNAL AFFAIRS  
TOPOGRAPHIC AND GEOLOGIC SURVEY

PENNSYLVANIA  
TIONESTA QUADRANGLE  
1:58000 FEET



Topography by Duncan Hannegan.  
Control in part by Pennsylvania State Highway Department.  
Surveyed in 1922: (28) EMLENTON 15 MI.

**ROAD CLASSIFICATION**  
Heavy-duty ——— 4 LANE LANE Improved dirt ———  
Medium-duty ——— 4 LANE LANE Unimproved dirt ———  
U. S. Route      State Route



Polyconic projection. To place on North American datum  
move projection lines 10 feet north and 10 feet east  
10,000-foot grid based on Pennsylvania (North)  
coordinate system  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
STRATTONVILLE 5 MI.

TIONESTA, PA.  
N4115-W7915/15

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