

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
TOPOGRAPHIC AND GEOLOGIC SURVEY

MARIENVILLE WEST QUADRANGLE  
PENNSYLVANIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NW 1/4 MARIENVILLE 15 QUADRANGLE



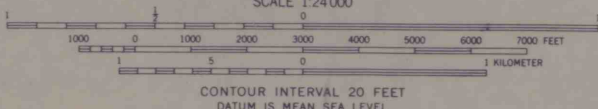
Mapped, edited, and published by the Geological Survey  
Control by USGS and USGAGS

Topography by photogrammetric methods from aerial photographs  
taken 1967 and 1968. Field checked 1967

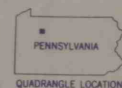
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks, zone 17,  
shown in blue

Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1973. This information not field checked



ROAD CLASSIFICATION  
Primary highway, all weather, hard surface  
Light-duty road, all weather, improved surface  
Unimproved road, fair or dry weather  
State Route



MARIENVILLE WEST, PA.  
NW 1/4 MARIENVILLE 15 QUADRANGLE  
N4122.5-W7907.5/7.5

1967  
PHOTOREVISED 1973  
AMS 5166 I NW-SERIES V831

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

IMAPS 18884