



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods

Aerial photographs taken 1955. Field check 1959

Polyconic projection. 1927 North American datum

10,000-foot grid based on Pennsylvania coordinate system,

south zone

1000-meter Universal Transverse Mercator grid ticks,

zone 18, shown in blue

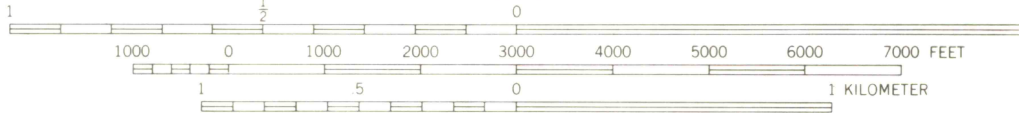
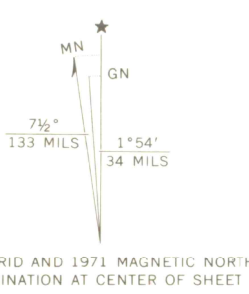
Fine red dashed lines indicate selected fence and field lines

visible on aerial photographs. This information is unchecked

Revisions shown in purple compiled in cooperation with State of

Pennsylvania agencies from aerial photographs taken 1971. This

information not field checked



CONTOUR INTERVAL 20 FEET

DATUM IS MEAN SEA LEVEL

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



| ROAD CLASSIFICATION |                 |
|---------------------|-----------------|
| Heavy-duty          | Light-duty      |
| Medium-duty         | Unimproved dirt |
| U.S. Route          | State Route     |

BUTLER KNOB, PA.  
N4015—W7752.5/7.5

1959  
PHOTOREVISED 1971  
AMS 5464 IV SW—SERIES V831

OCT 5 1972