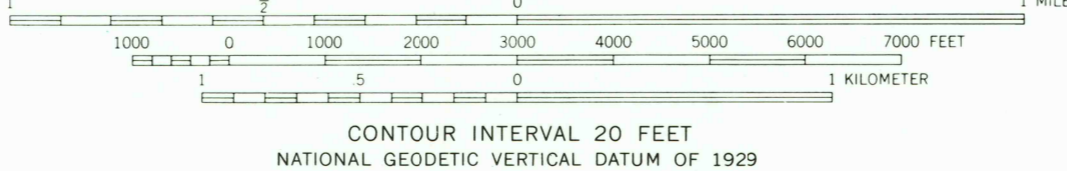
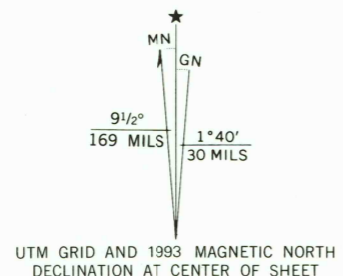


Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA

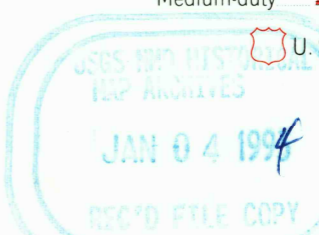
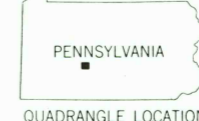
Topography by photogrammetric methods from aerial
photographs taken 1962. Field checked 1963
Polyconic projection. 10,000-foot grid ticks based on
Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue. 1927 North American Datum (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed
corner ticks. The values of the shift between NAD 27 and NAD 83
for 7.5-minute intersections are given in USGS Bulletin 1875
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Red tint indicates areas in which only landmark buildings are shown
There may be private inholdings within the boundaries of
the National or State reservations shown on this map
Revisions compiled in cooperation with Commonwealth of Pennsylvania
agencies from aerial photographs taken 1988 and other sources
Contours not revised. This information not field checked. Map edited 1993



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Light purple tint indicates reclaimed strip mine areas

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



ALTOONA, PA.
SW 1/4 ALTOONA 15' QUADRANGLE
40078-E4-TF-024
1963
REVISED 1993
DMA 5865 III SW-SERIES V81