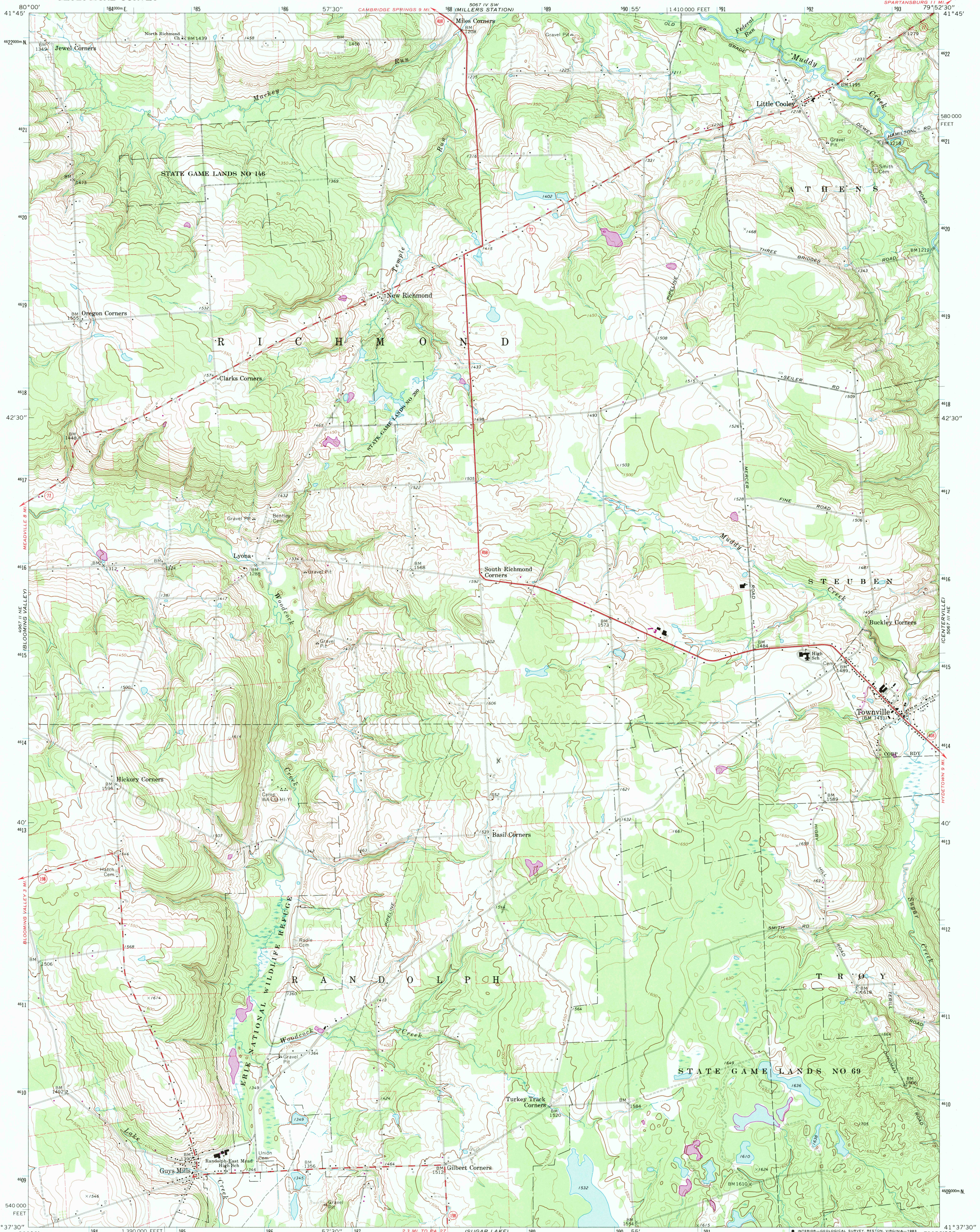


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOWNVILLE QUADRANGLE
PENNSYLVANIA—CRAWFORD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

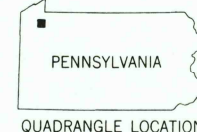
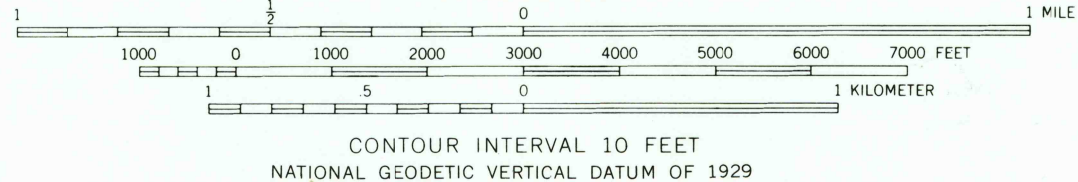
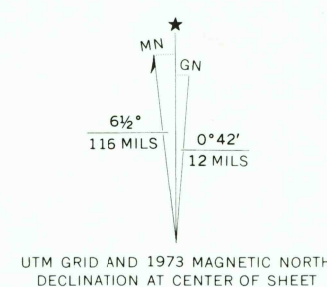
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1964 and 1965. 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, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

TOWNVILLE, PA.

N4137.5—W7952.5/7.5
PHOTOINSPECTED 1977
1967
PHOTOREVISED 1973
AMS 5067 III NW—SERIES V831

Map photoinspected 1977
No major culture or drainage changes observed

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

AUG 15 1983