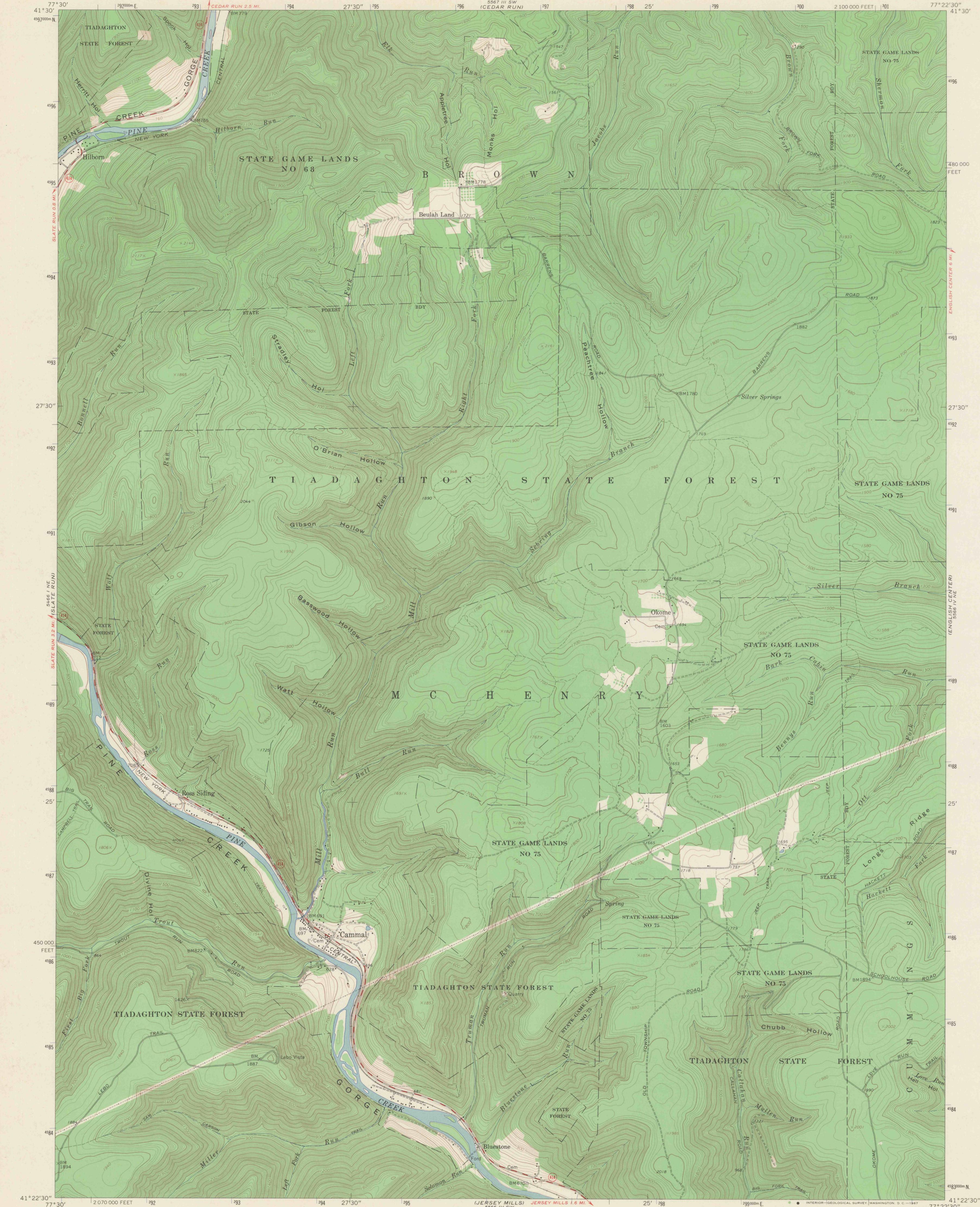


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

CAMMAL QUADRANGLE
PENNSYLVANIA - LYCOMING CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW 1/4 WATERVILLE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial

photographs taken 1963. Field checked 1965

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 18, shown in blue

Fine red dashed lines indicate selected fence and field lines where

generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1965 MAGNETIC NORTH

DECLINATION AT CENTER OF SHEET

151 MILS
1137' 29 MILS

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

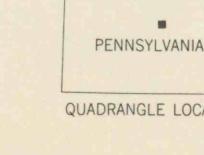
SCALE 1:24,000

0 1000 2000 3000 4000 5000 6000 7000 FEET

1 MILE

CONTOUR INTERVAL 20 FEET

DATUM IS MEAN SEA LEVEL



QUADRANGLE LOCATION

CAMMAL, PA.

NW 1/4 WATERVILLE 15' QUADRANGLE

N4122.5 - W7722.5 / 7.5

1965

AMS 5566 IV NW - SERIES V831

DRAWING NUMBER
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