UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
STATE PLANNING BOARD
TOPOGRAPHIC AND GEOLOGIC SURVEY

LUCINDA QUADRANGLE
PENNSYLVANIA—CLARION CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 TIONESTA 15' QUADRANGLE

5166 IV NW (TIONESTA)
5166 IV NE (TYLERSBURG)
5166 I NW (MARIENVILLE WEST)

79°22'30" 41°22'30" 79°15' 41°15' 17'30" 20'
6370000m E. 6380 6390 6400 6410 6420 6430 1 580 000 FEET 6440 6450 6460 6460000m E.
4581000m N. 4580 4579 4578 4577 4576 4575 4574 4573 4572 4571 4570 4569 4568000m N.
440 000 FEET 400 000 FEET

NEWMANSVILLE 6 MI. MARIENVILLE 11 MI. COOKSBURG 2.7 MI. 7 MI. TO INTERSTATE 80 ARTHURS 2.3 MI. CLARION (U.S. 322) 4 MI. STRATTANVILLE 5 MI. FISHER 0.5 MI.
5166 IV SW (FRYBURG) 5166 I SW (COOKSBURG) (CLARION 1:62 500) 5166 III (BROOKVILLE) 1:62 500

Leeper
Snydersburg
Lucinda
Cooks Corners
Scotch Hill
Helen Furnace
Iron Furnace (Ruins)
Miola
Thompson Hill
Zagst Hill
St Josephs Sch
St Josephs Ch
Shiloh Ch
Pumping Sta
Miola Cem

F A R M I N G T O N
K N O X
H I G H L A N D
P A I N T
M I L L C R E E K
GAS WELLS
STRIP MINES
COOK FOREST STATE PARK
STATE GAME LANDS NO 72

Fox Run · Griffin Run · Licking Creek · Rattlesnake Run · Graternund Run · Baltimore Run · Ohio and Toby Creek · Barlett Run · Henry Run · Wolbert Run · Walker Run · Little Toby Creek · Bugle Run · Gas Run · Welson Run · Cherry Run · McGowen Run · Tarkiln Run · Slate Creek · Clarion River · Maxwell Run · Cathan Run

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

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

MN GN 6½° 116 MILS 1°07' 20 MILS
UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

PENNSYLVANIA
QUADRANGLE LOCATION

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

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

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

LUCINDA, PA.
SE/4 TIONESTA 15' QUADRANGLE
N4115—W7915/7.5
1967

AMS 5166 IV SE—SERIES V831

3120
SEP 17 1971