



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  
Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1973. This information not field checked

Map photoinspected 1977  
No major culture or drainage changes observed

SCALE 1:24 000  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

LUCINDA, PA.  
SE/4 TIONESTA 15' QUADRANGLE  
41079-C3-TF-024  
PHOTOINSPECTED 1977  
1967  
PHOTOREVISED 1973  
DMA 5166 IV SE—SERIES V831

USGS AND HISTORICAL MAP  
MAY 05 1999  
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CLARION  
5166 III NW

CLARION  
5166 II SW