



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial  
photographs taken 1965 and planetable surveys 1968  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Illinois coordinate system, west zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 16, shown in blue  
To place on the predicted North American Datum 1983,  
move the projection lines 3 meters south and  
7 meters east as shown by dashed corner ticks  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map  
Fine red dashed line indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1990 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
Contours in strip mine areas may not  
accurately represent present topography

SCALE 1:24 000  
CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
State Route ○

RADDLE, ILL.  
37089-G5-TF-024  
1968  
PHOTOREVISED 1990  
DMA 3059 1 SE - SERIES V863

U.S. GEOLOGICAL SURVEY  
MAY 14 1991  
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QUADRANGLE LOCATION  
ILLINOIS