



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

ORION QUADRANGLE  
ILLINOIS  
7.5 MINUTE SERIES (TOPOGRAPHIC)

Map by the Army Map Service  
Published for civil use by the Geological Survey  
Control by USGS, USC&GS, and USCE  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1952-1953. Field check 1953  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Illinois coordinate system, west zone  
1000-metre Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Unchecked elevations are shown in brown  
Revisions shown in purple compiled by the Geological Survey  
from aerial photographs taken 1970 and 1975. This information  
not field checked

UTM GRID AND 1975 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND BY THE STATE GEOLOGICAL SURVEY, URBANA, ILLINOIS 61801  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U. S. Route ——— State Route ———

USGS  
Historical File  
Topographic Division

ORION, ILL.  
N4115—W9022.5/7.5  
1953

PHOTOREVISED 1970 AND 1975  
AMS 2966 IV SW—SERIES W863

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