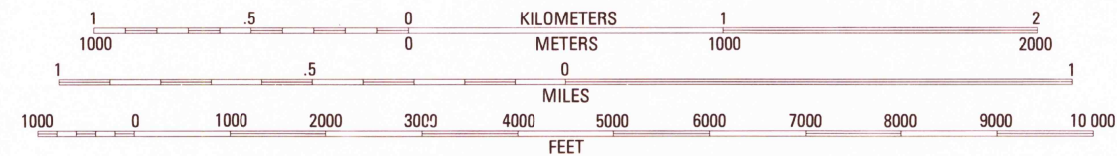


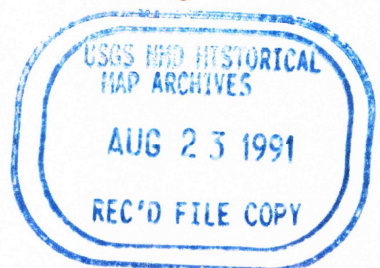
Produced by the United States Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs  
taken 1986. Field checked 1989. Map edited 1991  
Projection and 10,000-foot grid ticks: Illinois coordinate  
system, west zone (transverse Mercator)  
1000-meter Universal Transverse Mercator grid, zone 15  
1927 North American Datum  
To place on the predicted North American Datum 1983,  
move the projection lines 2 meters south and  
9 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  
Gray tint indicates area in which only landmark buildings are shown  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1991 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 10 FEET  
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET  
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  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Primary highway, hard surface .....  
Secondary highway, hard surface .....  
Interstate Route  
Light-duty road, hard or improved surface ...  
Unimproved road ...  
U. S. Route  
State Route



COLUMBIA, ILLINOIS  
NW/4 WATERLOO 15' QUADRANGLE  
38090-D2-TF-024  
1991  
DMA 2960 1 NW-SERIES V863