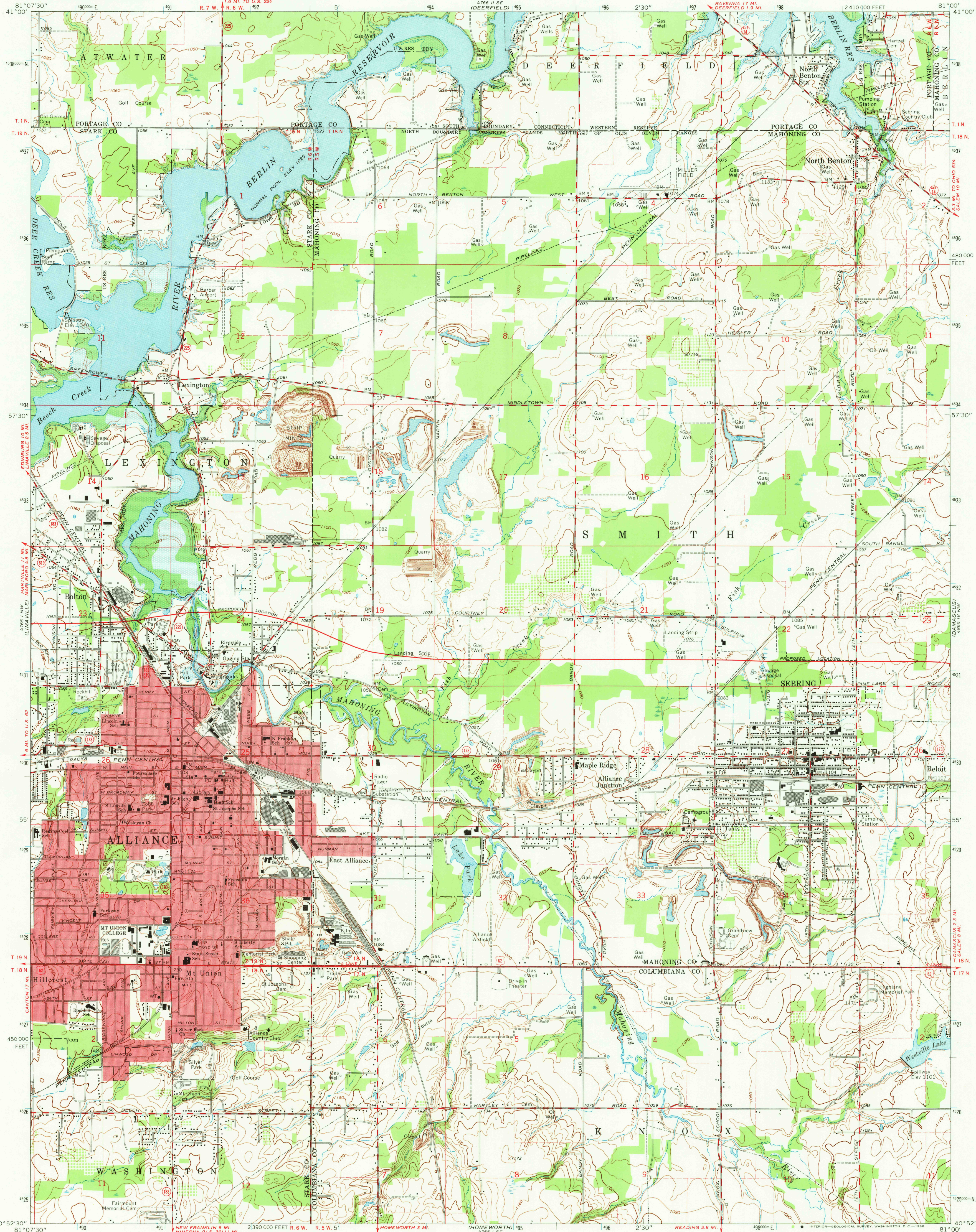


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLIANCE QUADRANGLE  
OHIO  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NE/4 ALLIANCE 15' QUADRANGLE



Maped, edited, and published by the Geological Survey  
in cooperation with Mahoning County  
Revised in cooperation with State of Ohio agencies  
Control by USGS, USC&GS, and USCE  
Topography by photogrammetric methods from aerial  
photographs taken 1950. Field checked 1952. Revised 1966  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on Ohio 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  
Red tint indicates areas in which only landmark buildings are shown  
U.S. reservation boundary from maps by U.S. Corps of Engineers  
Areas covered by dashed light-blue pattern are subject  
to controlled inundation  
Land lines within the Connecticut Western Reserve established by  
private subdivision. Land lines within Congress Lands north  
of the Old Seven Ranges based on the Ohio River Base

UTM GRID AND 1965 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

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



U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

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

ALLIANCE, OHIO  
NE/4 ALLIANCE 15' QUADRANGLE  
N4052.5-W8100/7.5

1966  
AMS 4765 1 NE-SERIES V852

APR 9 1969

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