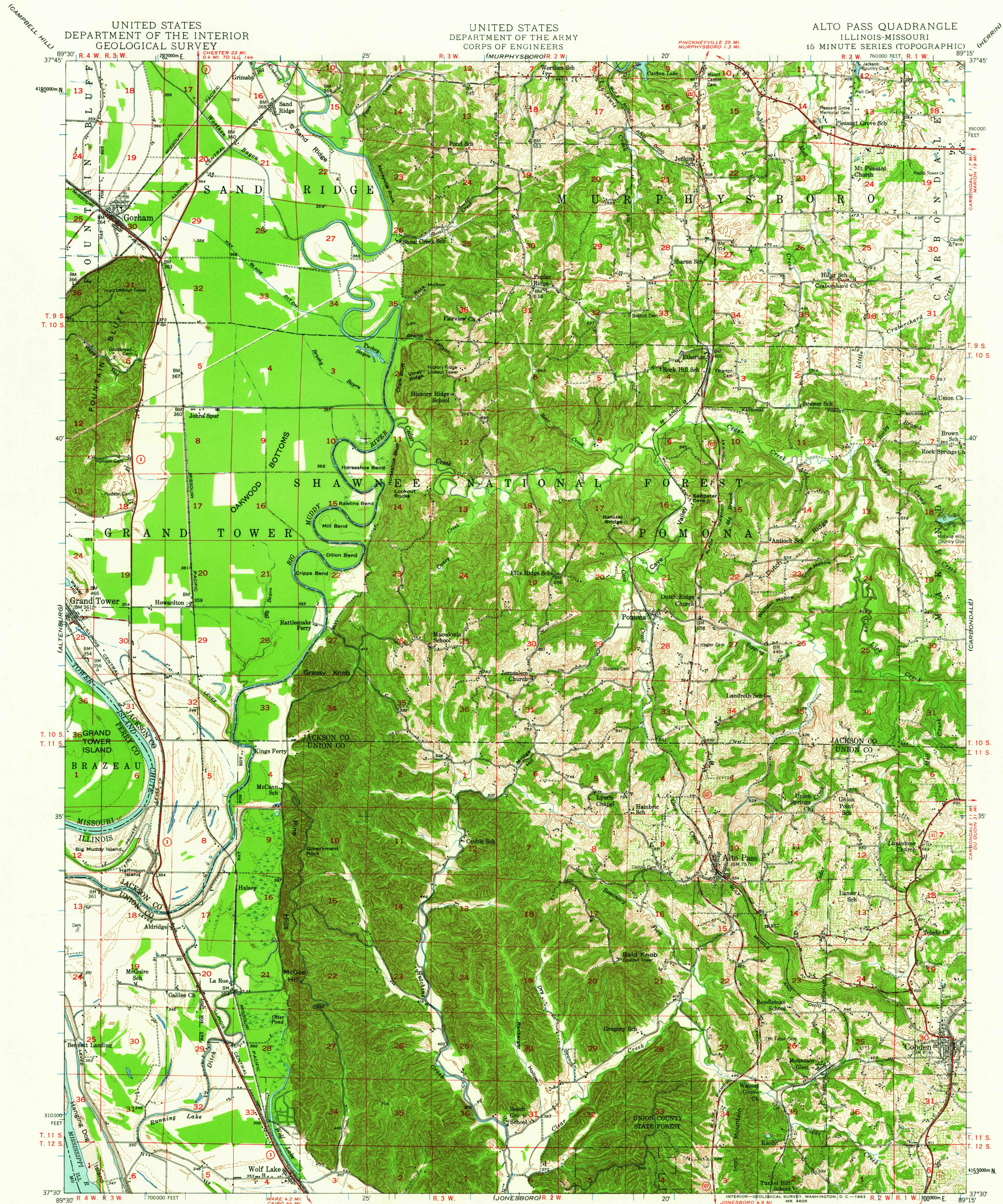




UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY
UNITED STATES DEPARTMENT OF THE ARMY CORPS OF ENGINEERS (MURPHYSBORO) R. 2 W.
ALTO PASS QUADRANGLE ILLINOIS-MISSOURI 15 MINUTE SERIES (TOPOGRAPHIC) R. 2 W. 760000 FEET R. 1 W. 89°15' 37°45'

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USED
Topography from aerial photographs by multiplex methods and plane-table methods, 1947
Aerial photographs taken 1946. Field check 1947
Transverse Mercator 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

SCALE 1:62500
CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C. BY THE STATE GEOLOGICAL SURVEY, URBANA, ILLINOIS AND BY THE MISSOURI GEOLOGICAL SURVEY, ROLLA, MISSOURI A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS Historical File Topographic Division
ROAD CLASSIFICATION
Heavy-duty Light-duty
Medium-duty Unimproved dirt
U.S. Route State Route

QUADRANGLE LOCATION
This area is also covered by 1:24,000-scale maps of the Pomona, Gorham, Wolf Lake, and Cadden 7.5-minute quadrangles, surveyed in 1947

ALTO PASS, ILL.-MO. N3730-W8915/15
1947

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MAR 19 1963