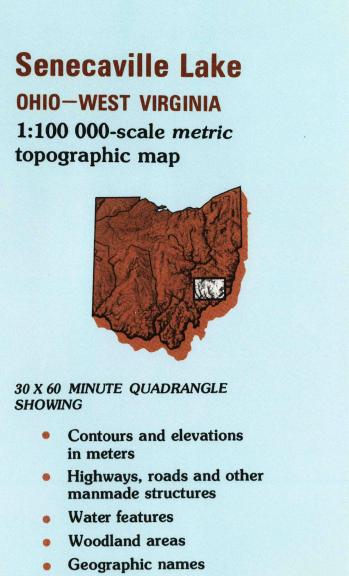


SHOWING





Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1961–1976. Planimetry revised from aerial photographs taken 1976 and 1978 and other source data. Revised information not field checked. Map edited 1980 Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator 25 000-foot grid ticks based on Ohio coordinate system, south zone 1927 North American Datum To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 14 meters west There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE DECLINATION DIAGRAM 3.2808 6.5617 9.8425 13.1234 16.4042 19.6850 22.9659 26.2467 29.5276 32.8084 To convert meters to feet multiply by 3.2808 (GN) and 1980 magnetic declination (MN) at center of map Diagram is approximate

Topograph

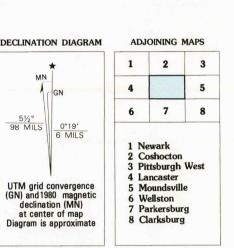
Primary highway, hard surface ... Secondary highway, hard surface Light duty road, principal street, Other road or street; trail Route marker: Interstate; U. S.; Railroad: standard gage; narrow ç Bridge; overpass; underpass...... Tunnel: road; railroad..... Built up area; locality; elevation. Airport; landing field; landing stri National boundary..... State boundary..... County boundary..... National or State reservation bo Land grant boundary..... U. S. public lands survey: range, t Range, township; section line: p Power transmission line; pipeline Dam; dam with lock Cemetery; building Windmill; water well; spring...... Mine shaft; adit or cave; mine, Campground; picnic area; U. S. I Ruins; cliff dwelling..... Distorted surface: strip mine, lava Contours: index; intermediate; Bathymetric contours: index; int Stream, lake: perennial; intermit Rapids, large and small; falls, larg Area to be submerged; marsh, s Land subject to controlled inund Scrub; mangrove.....

Orchard; vineyard A pamphlet describing topographic maps is available on request

1980

GEOLOGICAL SURVEY

1980



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