



**1:100 000-scale metric topographic map of Chillicothe MISSOURI**

**30 X 60 MINUTE QUADRANGLE SHOWING**

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

**GEOLOGICAL SURVEY**

1981

Produced by the United States Geological Survey in cooperation with the Soil Conservation Service

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps and orthophotoquads dated 1921-1979. Planimetry revised from aerial photographs taken 1979 and other source data. Revised information not field checked. Map edited 1981.

Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator 25 000-foot grid ticks based on Missouri coordinate system, central and west zones 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 2 meters north and 18 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 5 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   | ADJOINING MAPS   |
|--|---------|---|--|
| Meters                                       | Feet    |   | 1 2 3  |
| 1  | 3.2808  |   | 4 5  |
| 2  | 6.5617  |   | 6 7 8  |
| 3  | 9.8425  |   |  |
| 4  | 13.1234 |   |  |
| 5  | 16.4042 |   |  |
| 6  | 19.6850 |   |  |
| 7  | 22.9659 |   |  |
| 8  | 26.2467 |   |  |
| 9  | 29.5275 |   |  |
| 10   | 32.8084 |   |  |
| To convert meters to feet multiply by 3.2808 |         | UTM grid convergence (6N) and 180 magnetic declination (MN) at center of map. Diagram is approximate. | 1 Trenton<br>2 Knoxville<br>3 Macon<br>4 Kansas City<br>5 Marshall |
| To convert feet to meters multiply by 0.3048 |         |   |  |

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

### Topographic Map Symbols

|  |  |
|--|--|
| Primary highway, hard surface.....                               |  |
| Secondary highway, hard surface.....                             |  |
| Light duty road, principal street, hard or improved surface..... |  |
| Other road or street; trail.....                                 |  |
| Route marker: interstate, U.S.; State.....                       |  |
| Railroad: standard gauge; narrow gauge.....                      |  |
| Power transmission line; pipeline.....                           |  |
| Tunnel: road, railroad.....                                      |  |
| Built up area; locality, elevation.....                          |  |
| Airport; landing field; landing strip.....                       |  |
| National boundary.....   |  |
| State boundary.....  |  |
| County boundary.....   |  |
| National or State reservation boundary.....                      |  |
| Land grant boundary.....   |  |
| U.S. public lands survey; range, township; section.....          |  |
| Range, township; section line; protracted.....                   |  |
| Power transmission line; pipeline.....                           |  |
| Dam, dam with lock.....  |  |
| Cemetery; building.....  |  |
| Windmill; water well; spring.....                                |  |
| Mine shaft; adit or cave; mine, quarry, gravel pit.....          |  |
| Campground; picnic area; U.S. location monument.....             |  |
| Ruins, cliff dwelling.....                                       |  |
| Distorted surface: strip mine, lava, sand.....                   |  |
| Contours: index; intermediate; supplementary.....                |  |
| Bathymetric contours: index; intermediate.....                   |  |
| Stream, lake; perennial; intermittent.....                       |  |
| Reefs, large and small; falls, large and small.....              |  |
| Area to be submerged; marsh, swamp.....                          |  |
| Land subject to controlled inundation; woodland.....             |  |
| Scrub; mangrove.....   |  |
| Orchard; vineyard.....   |  |

A pamphlet describing topographic maps is available on request