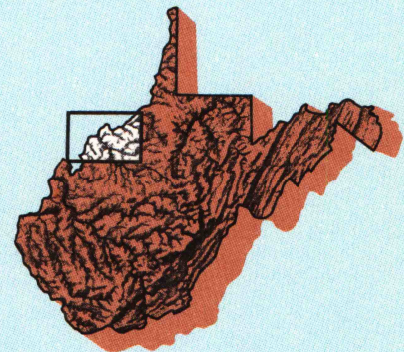


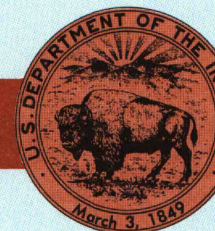
Parkersburg  
WEST VIRGINIA—OHIO

1:100 000-scale metric  
topographic map



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  
Compiled from USGS 1:24 000-scale topographic maps dated 1960-1976. Planimetry revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1981.  
Projection and 10 000-meter grid, zone 17; Universal Transverse Mercator. 25 000-foot grid ticks based on West Virginia coordinate system, north zone, and Ohio coordinate system, south zone 1927 North American Datum.  
To place on the predicted North American Datum 1983 move the projection lines 5 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                                                                                 | ADJOINING MAPS |                 |   |   |   |   |   |   |
|----------------------------------------------|---------|-----------------------------------------------------------------------------------------------------|----------------|-----------------|---|---|---|---|---|---|
| Meters                                       | Feet    |                                                                                                     | 1              | 2               | 3 | 4 | 5 | 6 | 7 | 8 |
| 1                                            | 3.2808  |                                                                                                     | 1              | Lancaster       |   |   |   |   |   |   |
| 2                                            | 6.5617  |                                                                                                     | 2              | Snowsville Lake |   |   |   |   |   |   |
| 3                                            | 9.8425  |                                                                                                     | 3              | Moundsville     |   |   |   |   |   |   |
| 4                                            | 13.1234 |                                                                                                     | 4              | Wellston        |   |   |   |   |   |   |
| 5                                            | 16.4042 |                                                                                                     | 5              | Clarksburg      |   |   |   |   |   |   |
| 6                                            | 19.6850 |                                                                                                     | 6              | Roanoke         |   |   |   |   |   |   |
| 7                                            | 22.9659 |                                                                                                     | 7              | Ripley          |   |   |   |   |   |   |
| 8                                            | 26.2467 |                                                                                                     | 8              | Sutton          |   |   |   |   |   |   |
| 9                                            | 29.5275 |                                                                                                     |                |                 |   |   |   |   |   |   |
| 10                                           | 32.8084 |                                                                                                     |                |                 |   |   |   |   |   |   |
| To convert meters to feet multiply by 3.2808 |         | UTM grid convergence (IGN and 1981 magnetic declination (M) at center of map diagram is approximate |                |                 |   |   |   |   |   |   |
| To convert feet to meters multiply by 0.3048 |         |                                                                                                     |                |                 |   |   |   |   |   |   |

FOR SALE BY U. S. GEOLOGICAL SURVEY  
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                      |  |
| Bridge: overpass; underpass                                 |  |
| 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: protected                    |  |
| Power transmission line: pipeline                           |  |
| Dam: dam with lock                                          |  |
| Cemetery: building                                          |  |
| Windmill; water well; spring                                |  |
| Mine shaft: salt 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                       |  |
| Rapids, 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

3006-7/8 SET