

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**



1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale and DMA 1:50 000-scale
topographic maps dated 1974-1981. Planimetry revised from
aerial photographs taken 1984 and other source data
Revised information not field checked. Map edited 1984
Projection and 10 000-meter grid, zone 18; Universal Transverse
Mercator. 25 000-foot grid ticks based on Virginia coordinate
system, south zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the
projection lines 11 meters south and 27 meters west
There may be private inholdings within the boundaries of the
National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (RM) and true magnetic declination (RM) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

1 Dillwyn
2 Richmond
3 Tapscott
4 Apogamias
5 Williamsburg
6 South Boston
7 Emporia
8 Norfolk

USGS NMD HISTORICAL MAP

JAN 12 1990^{NV}

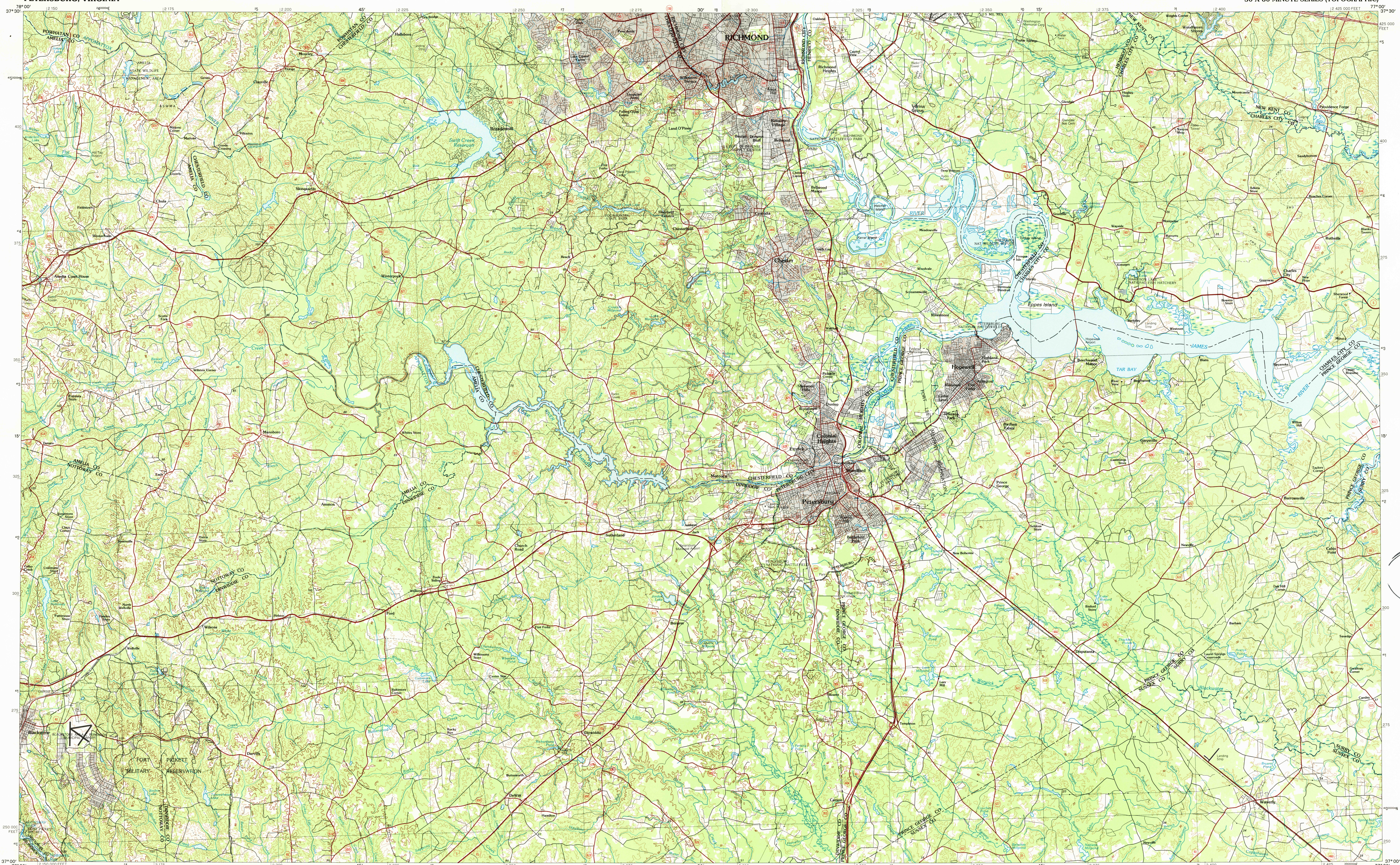
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ER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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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 gage; narrow gage | |
| Bridge; overpass; underpass | |
| Tunnel; road, railroad | |
| Built up area; locally, elevation | |
| Airport; landing field; landing strip | |
| National boundary | |
| State boundary | |
| County boundary | |
| National or State reservation boundary | |
| Land grant boundary | |
| U. S. public lands section; range, township; section | |
| Range, township; section line: protected | |
| Pipeline: transmission line, pipeline | |
| Dam; den with lock | |
| Cemetery; building | |
| Windmill; water well; spring | |
| Nile; shelf; soil or cave; mine; quarry; gravel pit | |
| Maritime; pier; area; U. S. location monument | |
| Ruined; old dwelling | |
| Disturbed surface: strip mine, lake, sand | |
| Stream; lake; intermittent; supplementary | |
| Barometric contour; lake; intermediate | |
| Coastline; lake; perennial; intermittent | |
| Rapids; large and small; falls, large and small | |
| Area to be submerged; marsh, swamp | |
| Land subject to controlled inundation; woodland | |
| Swamp; mangrove | |
| Orchard; vineyard | |

A pamphlet describing topographic maps is available on request



SCALE 1:100 000

PETERSBURG, VIRGINIA

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1984