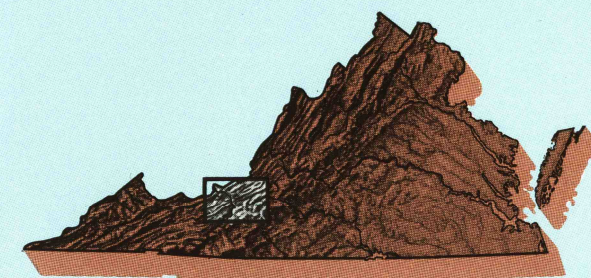
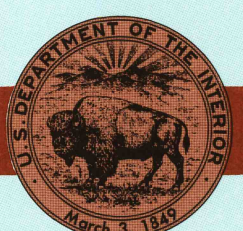


1:100 000-scale metric  
topographic map of  
**Radford**  
VIRGINIA—WEST VIRGINIA



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

1982

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1963-1978. Planimetry revised from aerial photographs taken 1976 and 1977 and other source data. Revised information not field checked. Map edited 1982.  
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator  
25 000-foot grid ticks based on Virginia coordinate system, south zone and West Virginia coordinate system, south zone 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 18 meters west  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 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
1	3.2808		1	2	3	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		LTM grid convergence (GN) and 1982 magnetic declination (MD) at center of map Diagram is approximate					
To convert feet to meters multiply by 0.3048							

USGS NHD HISTORICAL  
MAP ARCHIVES  
SEP 08 1995  
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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light city 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, 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: projected
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery, building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Built up area, locality, elevation
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lake, 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
- Swamp; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

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

RADFORD, VIRGINIA—WEST VIRGINIA  
N3700—W8000/30 X 60

1982