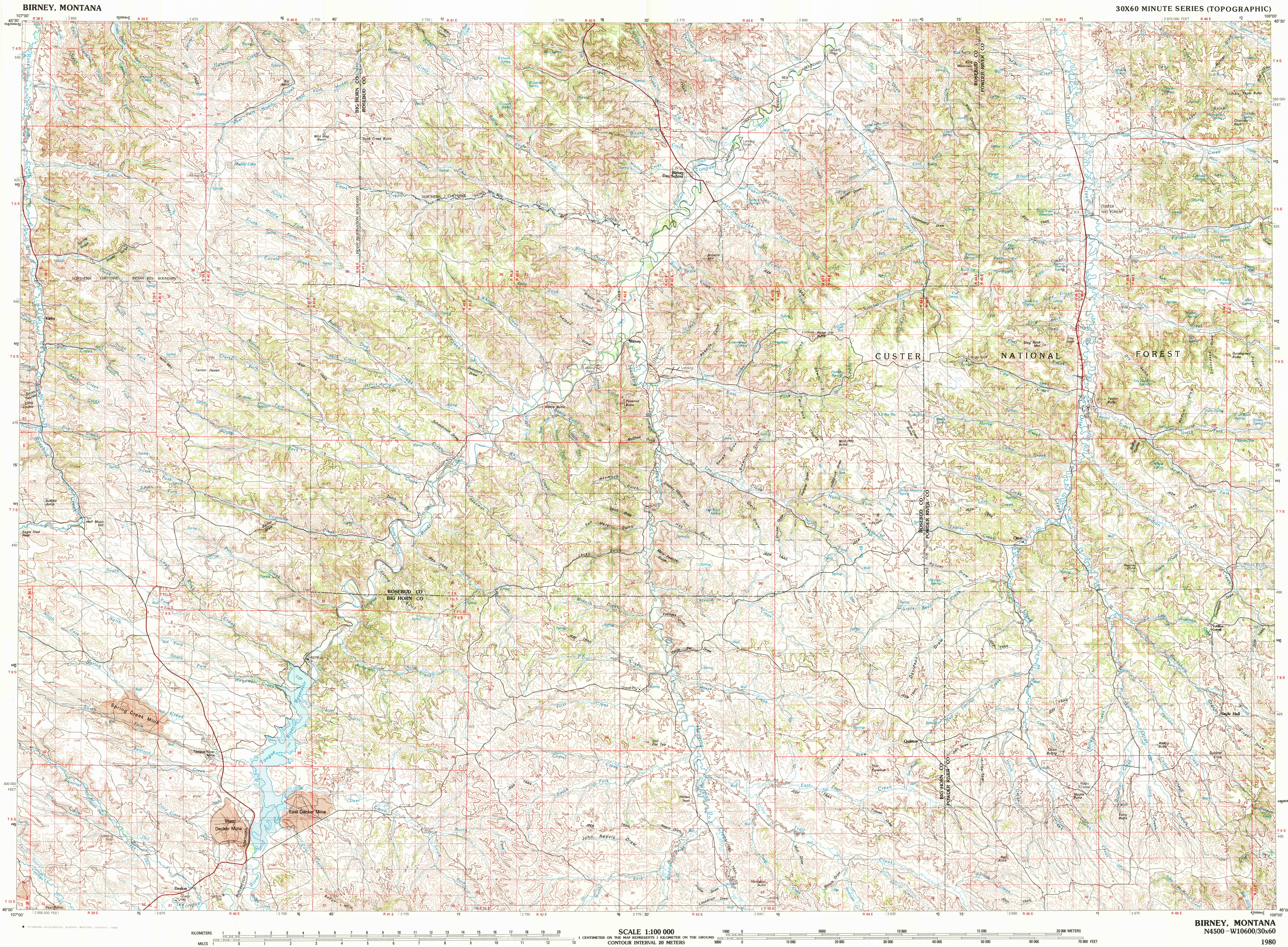




1:100 000-scale metric topographic map of

**Birney**

MONTANA

6000

30 X 60 MINUTE QUADRANGLE SHOWING

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

USGS  
National File  
Topographic Division

1980

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1958–1972. Partially revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1980.  
Projection and 10 000-meter grid, zone 13. Universal Transverse Mercator. 25 000-foot grid ticks based on Montana coordinate system, south zone. 1927 North American datum. To place on the predicted North American Datum 1983 move the projection lines 7 meters north and 48 meters east. 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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

| Meters | Faet    |
|--------|---------|
| 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

GN  
Mm  
1914  
1915  
1916  
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2000

UTM grid convergence (GN) and 1800 magnetic declination (MM) at center of map. Diagram is approximate.

ADJOINING MAPS

| 1      | 2           | 3           |                  |
|--------|-------------|-------------|------------------|
| Hardin | Lane Deer   | Powderville |                  |
| 4      | Lodge Grass | 5           | Burgess Junction |
| 6      | Shenandoah  | 7           | Reclusa          |

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 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; 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
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

1:100 000

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 20 METERS

5000 0 10000 20000 30000 40000 50000 60000 70000 FEET

1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 KILOMETERS

1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 MILES

BIRNEY, MONTANA

N4500—W10600/30x60

1980