



PRODUCED BY THE U. S. GEOLOGICAL SURVEY
Base map prepared by Defense Mapping Agency by photogrammetric methods and from 1:24,000, 1:62,500 and 1:125,000-scale maps dated 1925-1951. Field checked 1954 and 1955. Revised by the U. S. Geological Survey from aerial photographs taken 1976 and 1978 and other source data. Revised information not field checked. Map edited 1981.
Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 12. 100,000-foot grid ticks based on Idaho coordinate system, central and east zones. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 13 meters north and 68 meters east.
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

RAILROADS

Standard gauge
Narrow gauge
Interlineal
State
County
Park or reservation

LANDMARKS

Landmark: School, Church, Other, etc.
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

BOUNDARIES

International
State
County
Park or reservation

Other

Single track
Double or multiple
Landing area
Seaplane airport
Seaplane anchorage
Woods/brushwood

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 Kilometers

0 5 10 15 20 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FEET INTERVALS

1981 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 17° (300 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 16° (280 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

118° 115° 112° 109° 106° 103° 100° 97° 94° 91° 88° 85° 82° 79° 76° 73° 70° 67° 64° 61° 58° 55° 52° 49° 46° 43° 40° 37° 34° 31° 28° 25° 22° 19° 16° 13° 10° 7° 4° 1° 0°

47° 46° 45° 44° 43° 42° 41° 40° 39° 38° 37° 36° 35° 34° 33° 32° 31° 30° 29° 28° 27° 26° 25° 24° 23° 22° 21° 20° 19° 18° 17° 16° 15° 14° 13° 12° 11° 10° 9° 8° 7° 6° 5° 4° 3° 2° 1° 0°

SECTIONIZED TOWNSHIP

6 5 4 3 2 1
7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
31 32 33 34 35 36

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

GRID ZONE DESIGNATION

121

100,000 M. SQUARE IDENTIFICATION

TD UD VD
TC UC VC

TO OWE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT CERO GRANDE

1. Read letters identifying 100,000-meter square in which the point lies.
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.
3. Locate first HORIZONTAL grid line below the point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.
4. Estimate tenths from grid line to point.

SAMPLE REFERENCE

1. Reporting beyond 10° in any direction, prefix Grid Zone Designation, as follows:
4770000 127004311