



Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:62,500 and 1:24,000-scale dated 1950-1952. Photographs field annotated 1955. Revised by the U. S. Geological Survey from aerial photographs taken 1973 and 1976. Map edited 1977. 100,000-foot grids based on Montana coordinate system, south zone and Idaho coordinate system, central zone. Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

**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

**ROADS**

Primary, all-weather, hard surface  
Secondary, all-weather, hard surface  
Light-duty, all-weather, hard or improved surface  
Fair or dry weather, unimproved surface  
Trail

**RAILROADS**

Standard gauge  
Narrow gauge  
Landplane airport  
Seaplane airport  
Seaplane anchorage  
Woods-brushwood

**BOUNDARIES**

International  
State  
County  
Park or reservation

**Other**

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

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

**CONTOUR INTERVAL 200 FEET**

**TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

1977 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 18° 13' 30" WEST TO 17° 14' 30" EAST FOR THE CENTER OF THE WEST EDGE TO 17° 14' 30" EAST FOR THE CENTER OF THE EAST EDGE

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

**LOCATION DIAGRAM**

118° 116° 114° 112° 110° 108°

46° 44° 42° 40° 38° 36° 34° 32° 30° 28° 26° 24° 22° 20° 18° 16° 14° 12° 10° 8° 6° 4° 2° 0°

**SECTIONIZED TOWNSHIP**

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

**TOWNSHIP OR RANGE LINE**

**LAND GRANT BOUNDARY**

**GRID ZONE DESIGNATION**

12T

**100,000 M. SQUARE IDENTIFICATION**

TF UE VF

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS**

**SAMPLE POINT: POLARIS**

1. Read letters identifying 100,000 meter square in which the point lies.  
2. Locate the 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. Estimate tenths from grid line to point.  
4. Estimate tenths from grid line to point.  
5. Estimate tenths from grid line to point.  
6. Estimate tenths from grid line to point.  
7. Estimate tenths from grid line to point.  
8. Estimate tenths from grid line to point.  
9. Estimate tenths from grid line to point.  
10. Estimate tenths from grid line to point.  
11. Estimate tenths from grid line to point.  
12. Estimate tenths from grid line to point.

**GRID ZONE DESIGNATION**

12TUF3426