

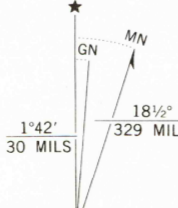


Mapped, edited, and published by the Geological Survey

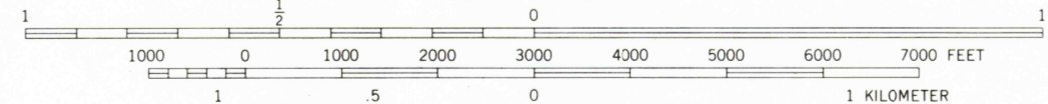
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1977. Field checked 1983. Map edited 1984

Projection and 10,000-foot grid ticks: Montana coordinate system, central zone (Lambert conformal conic) 1000-meter Universal Transverse Mercator grid, zone 11 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 12 meters north and 72 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map



UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF MAP DIAGRAM IS APPROXIMATE



CONTOUR INTERVAL 40 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

KNOWLES, MONT.  
SW/4 PERMA 15' QUADRANGLE  
47114-C6-TF-024

1984

DMA 3078 1 SW-SERIES V894

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

RETURN TO:  
USGS MMD HISTORICAL MAP ARCHIVES