



3078 I NW (SUNRISE SPRING)
3078 I NE (CAMEAS PLATON)
3078 I SE (STARK NORTH)
3078 I SW (SUNRISE SPRING)
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KNOWLES QUADRANGLE
MONTANA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW 1/4 PERMA 15' QUADRANGLE

114°45' 114°37'30" 114°30' 114°22'30" 114°15'

47°22'30" 47°19' 47°16' 47°13' 47°10' 47°7' 47°4' 47°1'

600 000 FEET
570 000 FEET

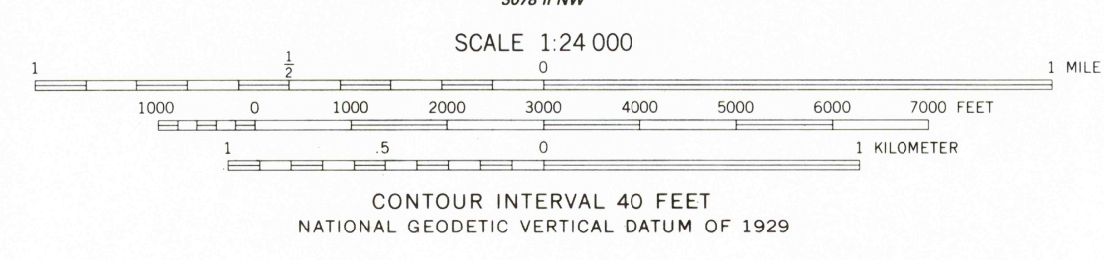
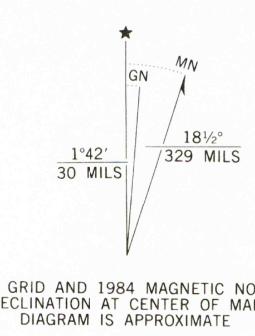
LOLO NATIONAL FOREST
FLATHEAD RIVER
INDIAN RESERVATION
SANDERS CO MISSOULA CO

Wilson Creek
Robertson Creek
Siegel Mountain
Siegel Pass
Bustache Creek
St. Louis
Beecher Creek
Seepay Creek

Paradise 1.9 MI
Dixon 1.7 MI

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Mapped, edited, and published by the Geological Survey
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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



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

KNOWLES, MONT.
SW 1/4 PERMA 15' QUADRANGLE
47114-C6-TF-024
1984

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