Contoured by R.N. Bergantino, 1982
released 2014

WESTERN UNITED STATES 1:250,000

Top Of Eagle Sandstone

MILES CITY

EDITION 3

NL 13-5
SERIES V502

V502, EDITION 3

Prepared by the U. S. Army Topographic Command (ASART), Washington, D. C. Compiled in 1954 by photogrammetric methods from aerial photographs taken 1951. Map field checked 1953. Revised in 1975 by the U. S. Geological Survey from aerial photographs taken 1974.

100,000-foot grids based on Montana coordinate system, south and central zones

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

Data points from:
Feltis, R.D., Lewis, B.D., Frasure, R.L., Rioux, R.P. Jauhola, C.A. and Hotchkiss, W.R., 1981, Selected Geologic Data from the Northern Great Plains area of Montana: U.S. Geological Survey Water-Resources Investigations Open-file report 81-415, 63 p.,
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LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
LOS ANGELES
OMAHA
GALVESTON
Durango
Grand Coulee
Sun Valley

RAILROADS
Standard gauge
Narrow gauge
Single track
Double or Multiple

BOUNDARIES
International
State
County
Park or reservation

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
Interchange
Route markers: Interstate, U.S., State

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

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

Scale 1:250,000

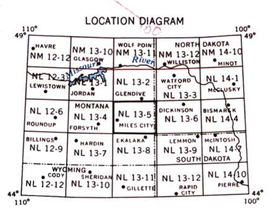
5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometres
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 100 FEET
TRANSVERSE MERCATOR PROJECTION
BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 13
1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 15° (270 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13½ (240 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

Top of theEagle Formation/Gammon Shale, feet, mean sea level

LOCATION DIAGRAM



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: 13T EB 5
100,000 M. SQUARE IDENTIFICATION
DC EC
DB EB
DA 50 EA

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number, example 510000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES
SAMPLE POINT RED HILL SCHOOL

1. Read letters identifying 100,000 metre square in which the point lies: EB
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: Estimate tenths from grid line to point: 3
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: Estimate tenths from grid line to point: 9

If needed, beyond 18° in any direction, prefix Grid Zone Designation, as: 13TEB3916

GRID REFERENCE: EB3916
13TEB3916

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

MILES CITY, MONTANA; NORTH DAKOTA
1953
REVISED 1975