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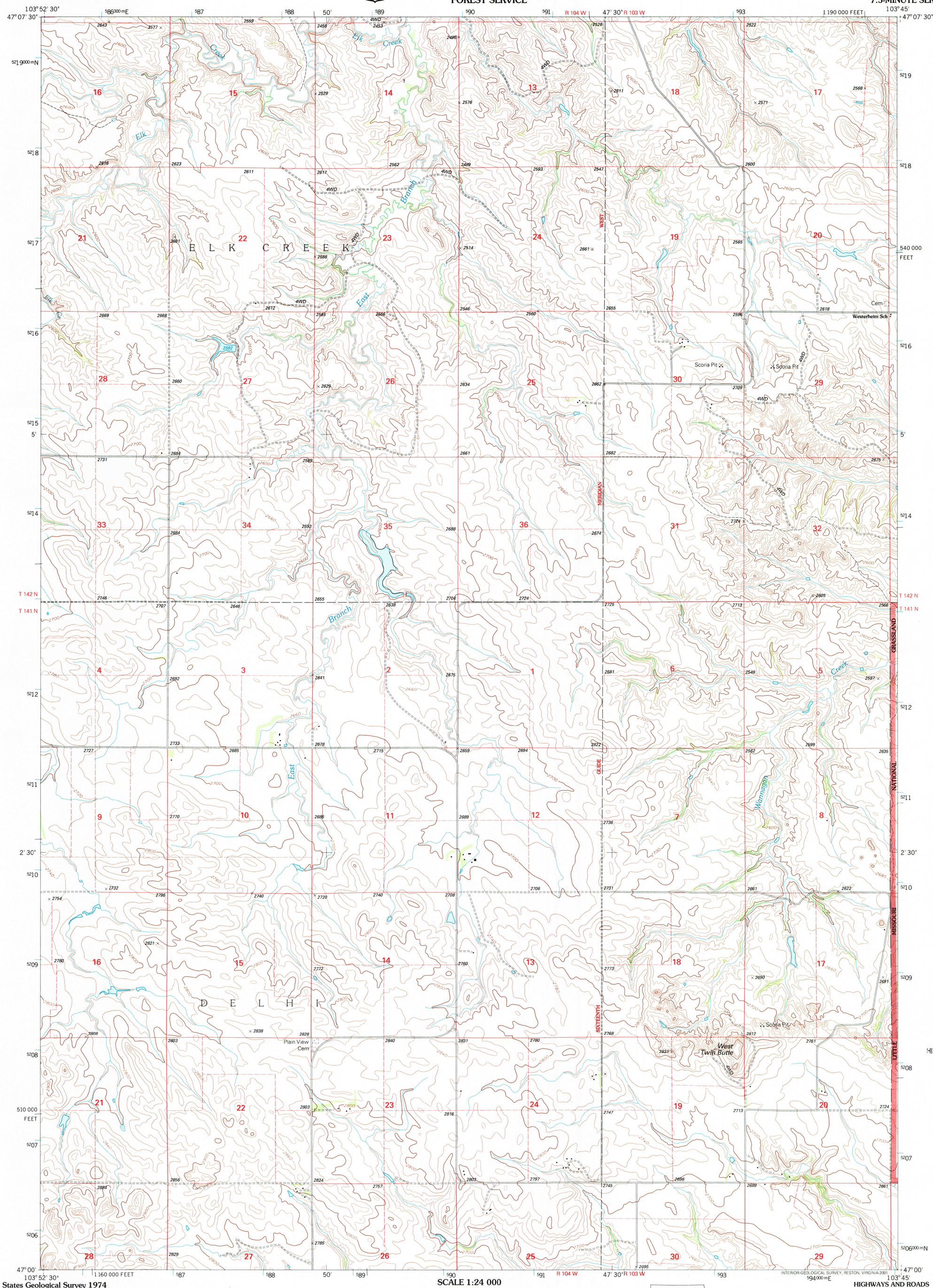
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

WEST TWIN BUTTE QUADRANGLE
NORTH DAKOTA-GOLDEN VALLEY CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)



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HISTORICAL MAP ARCHIVES

ISBN 0-607-97358-7
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Produced by the United States Geological Survey 1974
Revision by USDA Forest Service 1997

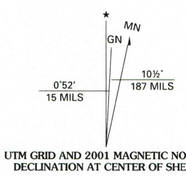
Topography compiled 1973. Planimetry derived from imagery taken 1995
Public Land Survey System and survey control current as of 1997

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks:
North Dakota coordinate system, south zone (Lambert conformal conic)
Blue 1000-meter Universal Transverse Mercator ticks, zone 13

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

Non-National Forest System lands within the National Forest
Inholdings may exist in other National or State reservations

This map is not a legal land line or ownership document. Public lands are subject to change and leasing, and may have access restrictions; check with local offices. Obtain permission before entering private lands



UTM GRID AND 2001 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

20%
TOTAL RECOVERED FIBER

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Hootowl Creek West
2 Hootowl Creek East
3 Roosevelt Creek West
4 Hootowl Creek SW
5 Wannagan Creek West
6 Beach East
7 Sentinel Butte
8 Buffalo Gap Campground

ADJOINING 7.5' QUADRANGLES

HIGHWAYS AND ROADS

Interstate 5
U. S. 101
State 79
County 6
National Forest, suitable for passenger cars 105 61
National Forest, suitable for high clearance vehicles 805
National Forest Trail 384

Primary highway
Secondary highway
Light-duty road
Composition: Unspecified
Paved
Gravel
Dirt
Unimproved; 4 wheel drive 4WD
Trail
Gate; Barrier

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
AND NORTH DAKOTA GEOLOGICAL SURVEY, BISMARCK, NORTH DAKOTA 58505
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

WEST TWIN BUTTE, ND
1997
NIMA 5278 III SE - SERIES V871