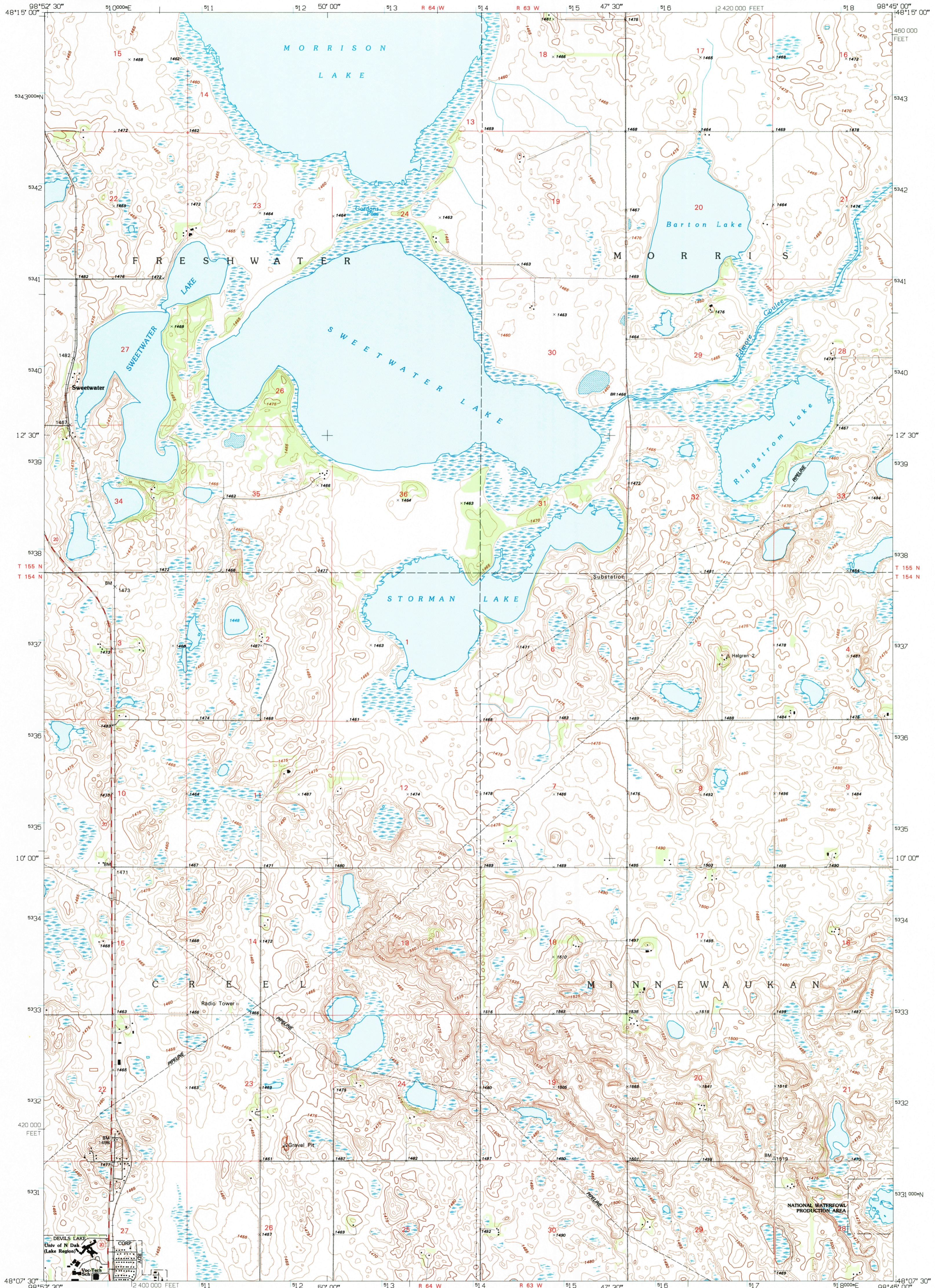


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SWEETWATER QUADRANGLE  
NORTH DAKOTA-RAMSEY CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



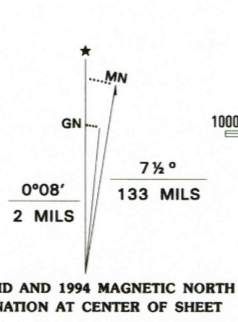
Produced by the United States Geological Survey  
Control by USGS and NOS/NOAA

Planimetry by photogrammetric methods from aerial photographs taken 1949. Topography by planimetric surveys 1950. Revised from aerial photographs taken 1990. Field checked 1993. Map edited 1994

Universal Transverse Mercator projection  
10,000-foot grid ticks: North Dakota coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks, zone 14,  
shown in blue  
1927 North American Datum (NAD 27)

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 given in USGS Bulletin 1875

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



SCALE 1:24000

CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

COMPLIES WITH U.S. GEOLOGICAL SURVEY STANDARDS FOR SPATIAL ACCURACY - CLASS 2  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND NORTH DAKOTA GEOLOGICAL SURVEY, BISMARCK, NORTH DAKOTA 58505  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

QUADRANGLE LOCATION



1	2	3
4	5	6
7	8	

1 Webster  
2 Starkweather SE  
3 Derrick SW  
4 Grand Harbor  
5 Cray NW  
6 Camp Grafton  
7 Devils Lake  
8 Cray

SWEETWATER, N. DAK.  
48098-B7-TF-024  
1994

DMA 6280 III NE-SERIES V871

