UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COTTONWOOD LAKE QUADRANGLE
NORTH DAKOTA–MOUNTRAIL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5481 II SW (POWERS LAKE)
5481 II SE (LUNDS VALLEY)
5581 III SW (LOSTWOOD LAKES)
5480 I NW (ROSS NW)
5580 IV NW (LOSTWOOD)
(MANITOU) 5480 I SW
(STANLEY) 5580 IV SW
(ROSS) 5480 I SE

LUNDS VALLEY 0.5 MI.
4.3 MI. TO N. DAK. 8
ROSS 4.7 MI.

POWERS LAKE 2190
COTTONWOOD LAKE 2178
WHITE LAKE 2154
LAKE
NATIONAL WATERFOWL PRODUCTION AREA
Lunds Valley Cem
Townhall
Gravel Pit
Radio Tower
Vale
BM

P O W E R S
C O T T O N W O O D

R 93 W
R 92 W

T 158 N
T 157 N

102°37′30″ 48°30′ 102°30′ 48°22′30″
27′30″ 25′ 32′30″ 35′
1 510 000 FEET
550 000 FEET
510 000 FEET
1 490 000 FEET
5374 000m N
5361 000m N
676 000m E
684 000m E

SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

GN MN
1°49′ 32 MILS
12° 213 MILS
UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

NORTH DAKOTA
QUADRANGLE LOCATION

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

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1975. Map edited 1981

Projection and 10,000-foot grid ticks: North Dakota coordinate system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 13
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 36 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

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs
This information is unchecked

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1981

COTTONWOOD LAKE, N. DAK.
N4822.5–W10230/7.5
1981
DMA 5480 I NE—SERIES V871

AUG 13 1981
USGS
HISTORICAL FILE
NATIONAL MAPPING DIVISION
2000