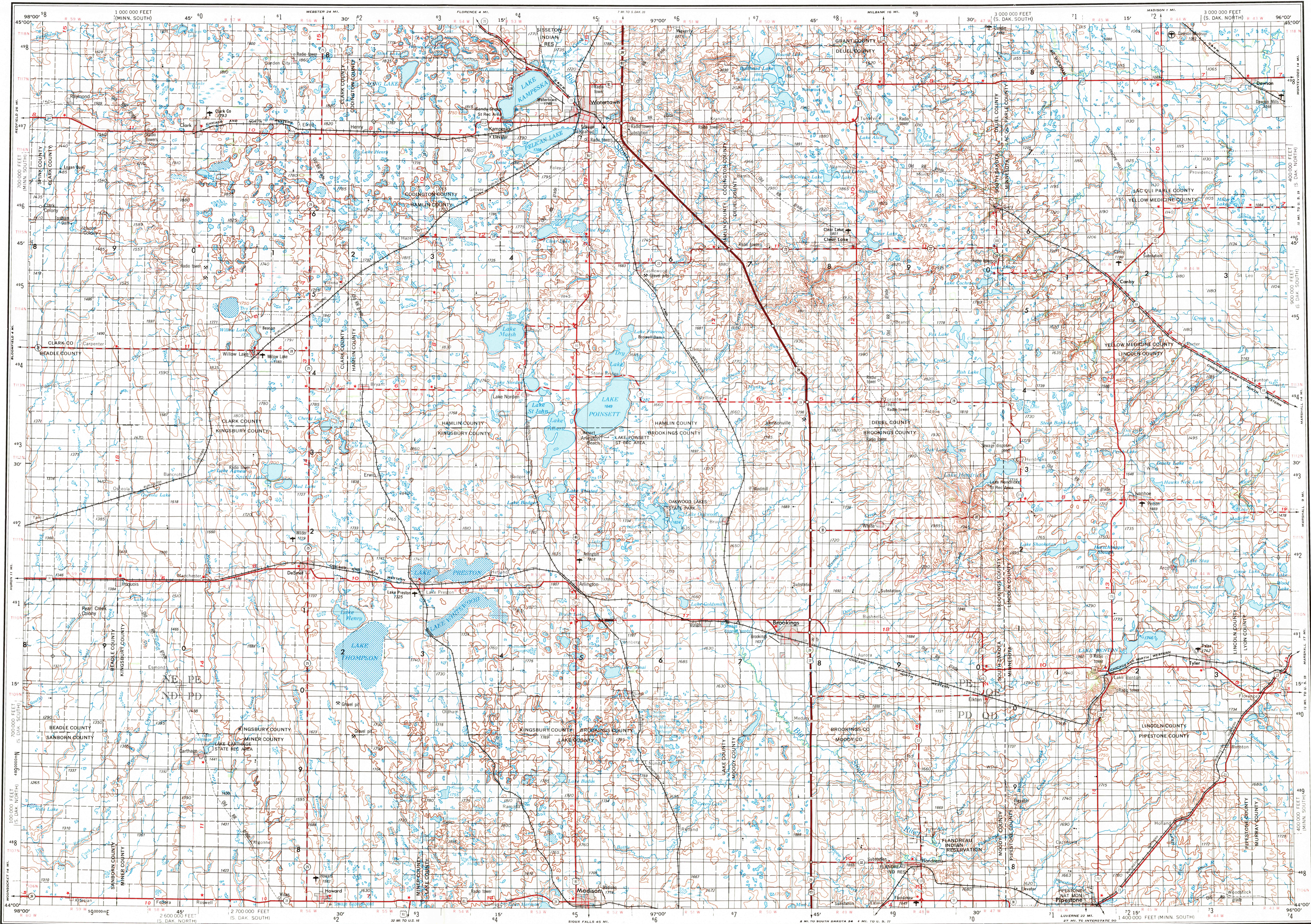




PRODUCED BY THE U. S. GEOLOGICAL SURVEY
Base map prepared by the Defense Mapping Agency by photogrammetric methods from aerial photographs taken 1952. Field checked 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1981.
Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 14. 100,000-foot grid ticks based on South Dakota coordinate system, north and south zones, and Minnesota coordinate system, south zone. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 27 meters east.
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

ROADS

Single track Double or Multiple
Standard gauge
Narrow gauge

BOUNDARIES

International
State
County
Park or reservation

LANDPLANE AIRPORT

Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

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
Landmark: School, Church, Other

MINES

Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET

1981 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8° (140 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 6° (110 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

USGS
HISTORICAL FILE
NATIONAL MAPING DIVISION

LOCATION DIAGRAM

102° 42' 102° 44' 102° 46' 102° 48' 102° 50' 102° 52' 102° 54' 102° 56' 102° 58' 103° 00'

44° 00' 44° 02' 44° 04' 44° 06' 44° 08' 44° 10' 44° 12' 44° 14' 44° 16' 44° 18' 44° 20'

SECTIONED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

GRID ZONE DESIGNATION

14T

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT: BUSHNELL

1. Road letters identifying 100,000 meter squares in which the point lies
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 in the line itself
3. Estimate tenths from grid line to point: Estimate first horizontal grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or in the line itself
4. Estimate tenths from grid line to point: If reporting beyond 10' in any direction, prefix Grid Zone Designation, as:

GRID ZONE DESIGNATION

48Q0000

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SEP 15 1981

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