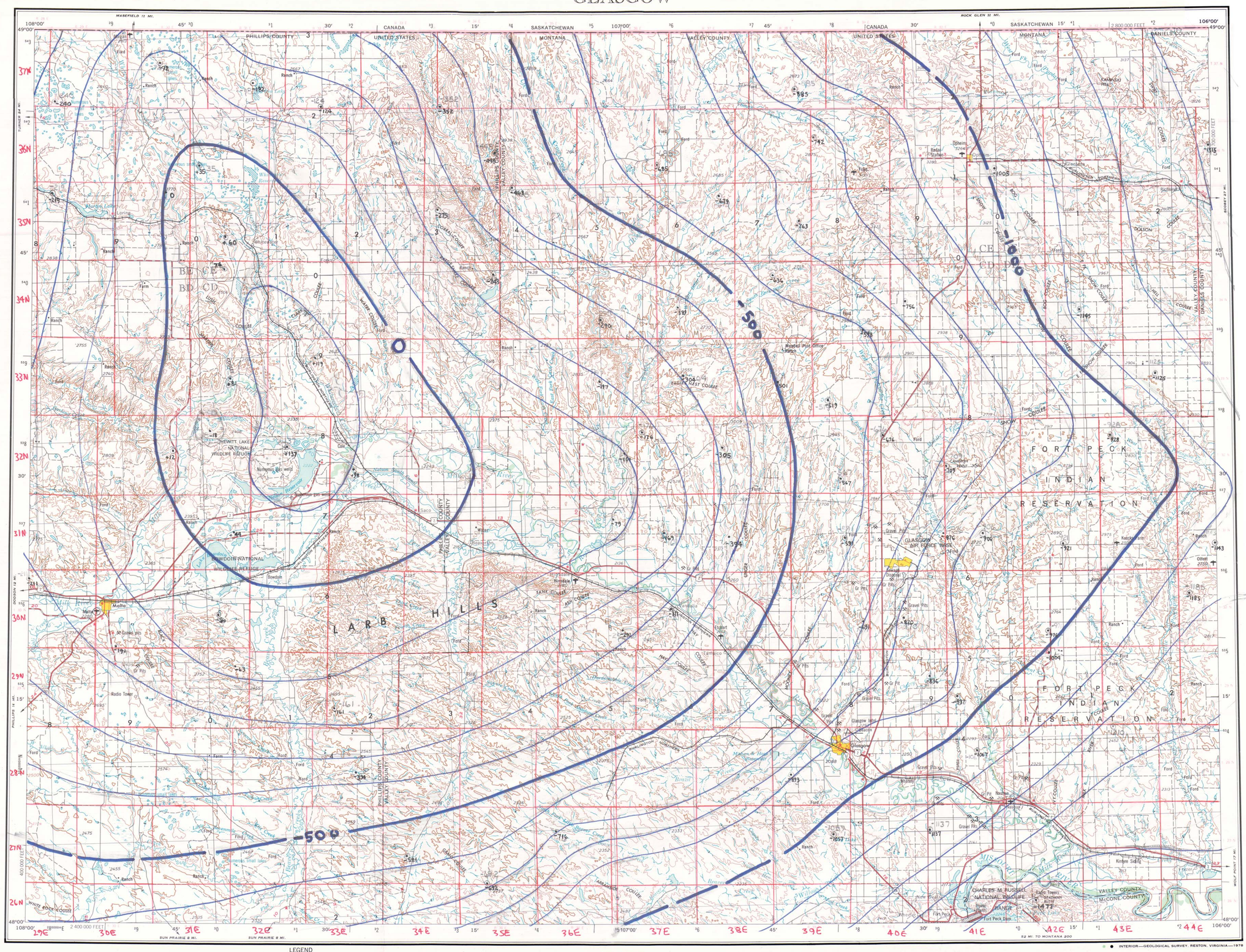
WESTERN UNITED STATES 1:250,000 STRUCTURAL CONTOURS @ TOP OF DAKOTA, FALL RIVER 1ST CAT

GLASGOW

NM 13-10



Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1951–1952. Photographs field annotated 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1973 and 1975. Map edited in 1977

100,000-foot grid based on Montana coordinate system, north zone

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.,

Contoured by R.N. Bergantino, 1982

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES: Over 500,000 — LOS ANGELES; 100,000 to 500,000 — OMAHA; 25,000 to 100,000 — GALVESTON; 5,000 to 25,000 — Durango; 1,000 to 5,000 — Grand Coulee; Less than 1,000 — Gun Valley

RAILROADS: Standard gauge (Single track, Double or Multiple); Narrow gauge

BOUNDARIES: International; State; Province; County; Park or reservation

Landplane airport; Seaplane airport; Landing area; Dry lake; 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 (95, 25, 80)

Mine; Landmark: School; Church; Other.; Spot elevation in feet (221); 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 Kilometers

5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 100 FEET

TRANSVERSE MERCATOR PROJECTION

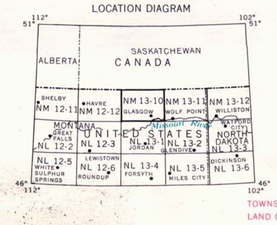
BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 13

1977 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 16½° (290 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 15°(270 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978

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: 13U
100,000 M. SQUARE IDENTIFICATION

BE | CE | DE
BD | CD | DD

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: 535000 / 2

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: HINSDALE

1. Read letters identifying 100,000 meter square 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 on the line itself: Estimate tenths from grid line to point;
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;

SAMPLE REFERENCE: CD4662

If reporting beyond 10° in any direction, prefix Grid Zone Designation, as: 13UCD4662

Top of the basal Colorado Sandstone "Dakota", feet, mean sea level

GLASGOW, MONTANA
1954
REVISED 1977