



Base prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:62,500, 1950. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS, and USGS. Photography field annotated 1955. Limited revision by U.S. Geological Survey 1967.

INDEX TO COUNTY BOUNDARIES

(See county designations list for county identification)

PLANE COORDINATE ZONES
WYOMING WEST WYOMING EAST
MONTANA SOUTH MONTANA NORTH

HORIZONTAL CONTROL

Coast & Geodetic Survey	Geological Survey	Other Agencies
▲ (black)	△ (red)	○ (black)
○ (black)	○ (red)	○ (black)
○ (black)	○ (red)	○ (black)
○ (black)	○ (red)	○ (black)
○ (black)	○ (red)	○ (black)
○ (black)	○ (red)	○ (black)

Monumented Point - First Order
Monumented Point - Second Order
Monumented Point - Third Order
Located Object - Third Order
See separate index for names of numbered stations
Station reported not recovered
Measured Base - Electronic or Taped
Line of triangulation observed
Line of triangulation observed from one end only
Measured Traverse - Electronic or Taped
Theodolite Traverse - Electronic Distance
Transit Traverse - Taped Distance Third Order
Transit Traverse and Leveling Third Order

VERTICAL CONTROL

Coast & Geodetic Survey	Geological Survey	Other Agencies
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)
— (solid)	— (dashed)	— (dotted)

First Order
Second Order
Third Order

STATE SURVEY CONTROL

Horizontal or Vertical

CODE OF OTHER AGENCIES

U.S. Forest Service

Geodetic control established by other agencies, shown in brown, may be obtained from Coast and Geodetic Survey, Environmental Science Services Administration, Rockville, Maryland 20852.

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

TRANSVERSE MERCATOR PROJECTION

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

LEGEND

ROADS: Hard surface, heavy duty; More than two lanes wide; Two lanes wide; Federal route marker; Hard surface, medium duty; More than two lanes wide; Two lanes wide; State route marker; Improved light duty; Unimproved dirt; Trail.

RAILROADS: Single track; Double or Multiple Standard Gauge; Narrow gauge.

BOUNDARIES: International; State; County; Park of Reservation.

LANDMARKS: School; Church; Other; Spot elevation in feet; Marsh or swamp; Intermittent or dry stream; Power line.

LOCATION DIAGRAM FOR NL 12-11

INDEX TO COUNTY BOUNDARIES

44 111 4	44 110 4	44 110 3	44 110 2
44 111 3	44 111 2	44 111 1	44 110 1

ORDER CONTROL DATA, SHOWN IN BLACK OR BROWN, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, U.S. S. A. ROCKVILLE, MARYLAND 20852.

COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

44 111 4	44 111 2	44 111 1
44 111 3	44 111 1	44 110 1

INDEX TO COUNTY BOUNDARIES

44 111 4	44 111 3	44 111 2	44 111 1
44 111 3	44 111 2	44 111 1	44 110 1
44 111 2	44 111 1	44 110 1	44 110 0

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242.

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

4410	44100	441000	4410000
4411	44110	441100	4411000
4412	44120	441200	4412000

ORDER CONTROL DATA, SHOWN IN BLACK OR BROWN, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, U.S. S. A. ROCKVILLE, MARYLAND 20852.