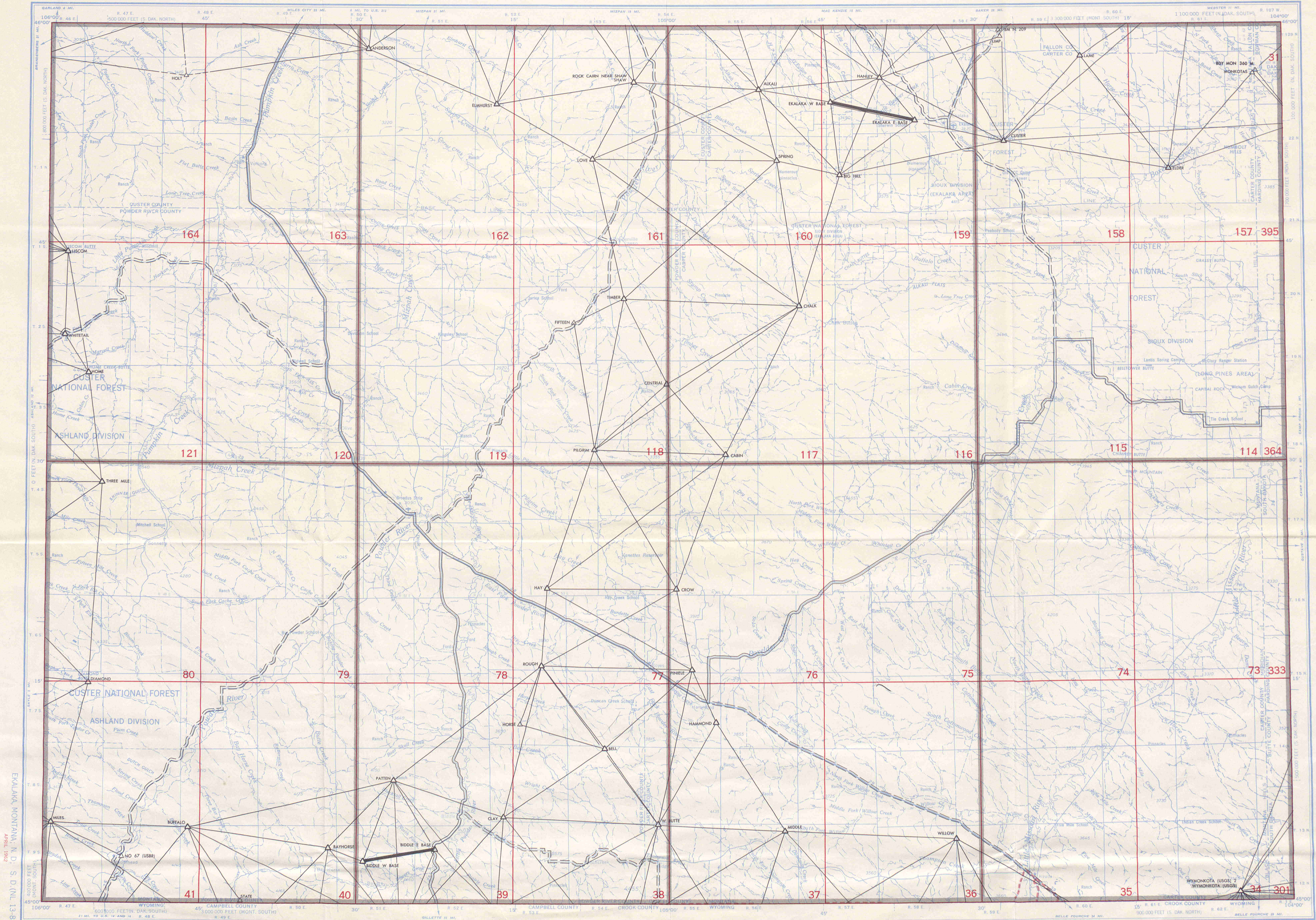


GEODETTIC CONTROL DIAGRAM



Scale 1:250,000
 0 5 10 15 20 25 30 Statute Miles
 0 5 10 15 20 25 30 Kilometers

COAST AND GEODETIC SURVEY
 THIRTY MINUTE QUADRANGLE DESIGNATION DESIGNATIONS

GEOLOGICAL SURVEY
 FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

45	105	4	45	105	4	45	104	1
45	105	3	45	105	2	45	104	2

INDEX TO COUNTY BOUNDARIES

164	163	162	161	160	159	158	157	395
121	120	119	118	117	116	115	114	364
80	79	78	77	76	75	74	73	333
41	40	39	38	37	36	35	34	301

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

LEGEND

Coast & Geodetic Survey

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

Geological Survey

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

STATE SURVEY CONTROL

- Horizontal or Vertical
- First Order
- Second Order
- Third Order

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NL 13-8

LEGEND

ROADS

- High 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
- Traffic

RAILROADS

- Single track Double or Multiple
- Standard gauge
- Narrow gauge

BOUNDARIES

- International
- State
- County
- Park or reservation

Landmarks: School, Church, Other

- Horizontal control point
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

ORDER CONTROL DATA IN BLACK BY 30 MINUTE QUADRANGLE UNITS FROM DIRECTOR, COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C.

ORDER CONTROL DATA IN RED BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

Prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS, USGS, and CE. Aerial photography 1951-52. Photography field annotated 1954.

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