



Base prepared by the Army Map Service (ASART), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States Quadrangles, 1:25,000 and 1:125,000, USGS, 1899-1953. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USCGS, USGS, and CE. Photography field annotated 1955.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
— WYOMING EAST — S. DAKOTA SOUTH
— NEBRASKA NORTH —

INDEX TO COUNTY BOUNDARIES
104° — WYOMING EAST — S. DAKOTA SOUTH
— NEBRASKA NORTH —

PLANE COORDINATE ZONES NEBR. 104°

WYOMING EAST S. DAKOTA SOUTH
NEBRASKA NORTH

HORIZONTAL CONTROL

Coast & Geodetic Survey

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 from one end only
Measured Length - Electronic or Taped
Tie Triangulation - 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
See separate index for names of numbered stations
Station reported not recovered
Measured Base - Electronic or Taped
Line of triangulation observed from one end only
Measured Length - Electronic or Taped
Tie Triangulation - Electronic Distance
Transit Traverse - Taped Distance Third Order
Transit Traverse and Leveling Third Order

Coast & Geodetic Survey

First Order
Second Order
Third Order

Geological Survey

First Order
Second Order
Third Order

STATE SURVEY CONTROL

Horizontal or Vertical

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

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

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
Standard gauge
Narrow gauge
International

BOUNDARIES
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

LOCATION DIAGRAM FOR NK 13-2 MON.

COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

43 105 4	43 105 1	43 104 4	43 104 1
43 105 3	43 105 2	43 104 3	43 104 2

INDEX TO COUNTY BOUNDARIES S. DAKOTA

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INDEX TO COUNTY BOUNDARIES WYOMING

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238	237	236	235
239	238	237	236
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COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES S. DAKOTA

43 105 4	43 105 1	43 104 4	43 104 1
43 105 3	43 105 2	43 104 3	43 104 2

INDEX TO COUNTY BOUNDARIES WYOMING

43 105 4	43 105 1	43 104 4	43 104 1
43 105 3	43 105 2	43 104 3	43 104 2

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.

NEWCASTLE, WYOMING; SOUTH DAKOTA, NEBRASKA (NK 13-2) JULY 1960