



Base prepared by the Army Map Service (AMSS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from Wyoming, 1:25,000, USGS, Moorcraft, 1915. Horizontal and vertical control by USGS/US, USGS, and GE. Photography field annotated 1954.

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

INDEX TO COUNTY BOUNDARIES, S. DAKOTA

| | | | |
|----------|----------|----------|----------|
| 44 105 4 | 44 105 1 | 44 104 4 | 44 104 1 |
| 44 105 3 | 44 105 2 | 44 104 3 | 44 104 2 |

INDEX TO COUNTY BOUNDARIES, MONTANA

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COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES, S. DAKOTA

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 356 | 355 | 354 | 353 | 352 | 351 | 350 | 349 | 173 |
| 357 | 356 | 355 | 354 | 353 | 352 | 351 | 350 | 172 |
| 358 | 357 | 356 | 355 | 354 | 353 | 352 | 351 | 171 |
| 359 | 358 | 357 | 356 | 355 | 354 | 353 | 352 | 170 |
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| 363 | 362 | 361 | 360 | 359 | 358 | 357 | 356 | 166 |
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| 365 | 364 | 363 | 362 | 361 | 360 | 359 | 358 | 164 |

GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES, S. DAKOTA

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| 386 | 385 | 384 | 383 | 382 | 381 | 380 | 379 | 204 |
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| 388 | 387 | 386 | 385 | 384 | 383 | 382 | 381 | 202 |
| 389 | 388 | 387 | 386 | 385 | 384 | 383 | 382 | 201 |
| 390 | 389 | 388 | 387 | 386 | 385 | 384 | 383 | 200 |
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| 393 | 392 | 391 | 390 | 389 | 388 | 387 | 386 | 197 |
| 394 | 393 | 392 | 391 | 390 | 389 | 388 | 387 | 196 |

LEGEND

COAST & GEODETIC SURVEY
 Monumented Point - First Order (solid triangle)
 Monumented Point - Second Order (open triangle)
 Monumented Point - Third Order (solid circle)
 Located Object - Third Order (open circle)
 Station reported not recovered (circle with 'X')
 Measured Base - Electronic or Taped (solid line)
 Line of triangulation observed (dashed line)
 Line of triangulation observed from one end only (dotted line)
 Measured Length - Electronic or Taped (solid line with 'X')
 Theodolite Traverse - Electronic Distance (dashed line with 'X')
 Transit Traverse - Taped Distance Third Order (dotted line with 'X')
 Transit Traverse and Leveling Third Order (dotted line with 'X')

STATE SURVEY CONTROL
 Horizontal or Vertical (dashed line with 'X')

TRANSVERSE MERCATOR PROJECTION
 SECTIONIZED TOWNSHIP (6x6 grid)
 TOWNSHIP OR RANGE LINE (solid line)
 LAND GRANT BOUNDARY (dashed line)

ROADS
 Hard surface, heavy duty (solid line)
 Two lanes wide (solid line)
 Hard surface, Federal route marker (solid line with 'X')
 More than two lanes wide (solid line with 'X')
 Two lanes wide, State route marker (solid line with 'X')
 Improved light duty (dashed line)
 Unimproved dirt (dotted line)
 Trail (dotted line)

RAILROADS
 Single track Double or Multiple (solid line with 'X')
 Standard Gauge (solid line with 'X')
 Narrow Gauge (solid line with 'X')
 Standard Gauge (solid line with 'X')
 International (solid line with 'X')
 County (solid line with 'X')
 Park or reservation (solid line with 'X')

BOUNDARIES
 International (dashed line)
 State (solid line with 'X')
 County (solid line with 'X')
 Park or reservation (solid line with 'X')

LANDMARKS
 School, Church, Other (solid line with 'X')
 Spot elevation in feet (solid line with 'X')
 Marsh or swamp (dotted line)
 Intermittent or dry stream (dotted line)
 Power line (solid line with 'X')

INDEX TO COUNTY BOUNDARIES, S. DAKOTA
 1. Powder River
 2. Campbell
 3. Weston
 4. Crook
 5. Butte
 6. Lawrence
 7. Pennington

INDEX TO COUNTY BOUNDARIES, MONTANA
 1. Beaver River
 2. Cascade
 3. Hill
 4. Daniels
 5. Daniels
 6. Daniels
 7. Daniels

USCOM CDS-DC JUNE 1962 A4778

GILLETTE, WYOMING, MONTANA, SOUTH DAKOTA (NL 13-11)
JUNE 1960

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE OCT 1964

**INDEX TO
 NUMBERED HORIZONTAL CONTROL STATIONS**
 by the
 Coast and Geodetic Survey

QUADS 441041-2-3-4& 441051-2-3-4
 WYO-S DAK
 LATITUDE 44° 00' TO 45° 00'
 LONGITUDE 104° 00' TO 106° 00'
 DIAGRAM NL 13-11 GILLETTE

| KEY NO. | STATION NAME | QUAD. NO. | STATION NO. |
|---------|--------------|-----------|-------------|
|---------|--------------|-----------|-------------|

| | | | |
|---|--|--------|------|
| 1 | NORTHEAST COR OF WYOMING BOUNDARY MONUMENT | 441041 | 1013 |
| 1 | NORTHEAST COR OF WYOMING BDRY MONUMENT ECC | 441041 | 1013 |
| 2 | S E CORNER MONTANA BOUNDARY MONUMENT ECC | 441041 | 1014 |
| 2 | S E CORNER MONTANA BOUNDARY MONUMENT | 441041 | 1014 |
| 3 | G L O STATION 4 | 441043 | 1003 |
| 3 | G L O STATION 4 ECC | 441043 | 1003 |
| 3 | G L O STATION 4 R M NO 2 | 441043 | 1003 |
| 4 | WYODAK COAL MINING CO STACK | 441052 | 1008 |
| 5 | GILLETTE MUNICIPAL TANK | 441053 | 1008 |

| KEY NO. | STATION NAME | QUAD. NO. | STATION NO. |
|---------|--------------|-----------|-------------|
|---------|--------------|-----------|-------------|