



Base prepared by the Army Map Service (FART), Corps of Engineers, U.S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from Colorado, 1:24,000, 1:62,000, 1:125,000, USGS, 3902-1951; Colorado-Wyoming, 1:125,000, USGS, 1916. Planimetric detail derived by photogrammetric methods. Horizontal and vertical control by USGS and USCGS. Photography field annotated 1954.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

INDEX TO COUNTY BOUNDARIES

PLANE COORDINATE ZONES

**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
- Line of triangulation observed from both ends
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

**VERTICAL CONTROL**

- First Order
- Second Order
- Third Order

**STATE SURVEY CONTROL**

- Horizontal or Vertical

Scale 1:250,000

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
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**

- Standard gauge
- Narrow gauge
- Interlocking
- State
- County
- Park or recreation

**BOUNDARIES**

- International
- State
- County
- Park or recreation

**LANDMARKS**

- School, Church, Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

LOCATION DIAGRAM FOR NK 13-11

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

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

QUADS 401041-2-3-4& 401051-2-3-4  
 COLO  
 LATITUDE 40° 00' TO 41° 00'  
 LONGITUDE 104° 00' TO 106° 00'  
 DIAGRAM NK 13-11 GREELEY

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
1	COLORADO WYOMING BOUNDARY MILEPOST 44	401044	1010
2	PUEBLO CHEYENNE AIRWAY BEACON NO 15	401043	1015
3	ARAPAHOE PEAK SUMMIT	401053	1012
3	NORTH ARAPAHOE PEAK CAIRN	401053	1013
3	ROCKY MOUNTAIN CLIMBERS CLUB BRASS PLATE	401053	1002
4	RANKIN	401043	1007
5	BENCH MARK USGS NEAR LONGS PEAK	401053	1007
5	LONGS PEAK 1895	401053	1007
5	LONGS PEAK 1934	401053	1007
5	LONGS PEAK 1939	401053	1007
6	BUREAU OF RECLAMATION RM AND BM NEAR SHADOW	401053	1008
6	BUREAU OF RECLAMATION TRI STA NEAR SHADOW	401053	1008
7	TWIN SISTER LOOKOUT HOUSE	401053	1009
8	BENCH MARK NEAR FORT COLLINS	401051	1005
9	GREELY SUGAR FACTORY CHIMNEY	401043	1010
9	GREELY TALL TANK	401043	1011
10	LA SALLE TANK NEAR COAL CHUTE	401043	1014
11	FORT LUPTON SUGAR REFINERY STACK	401043	1008
12	FORT LUPTON WATER TANK BEACON	401043	1009
13	GREAT WEST SUGAR CO STACK SE LONGMONT	401052	1010

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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