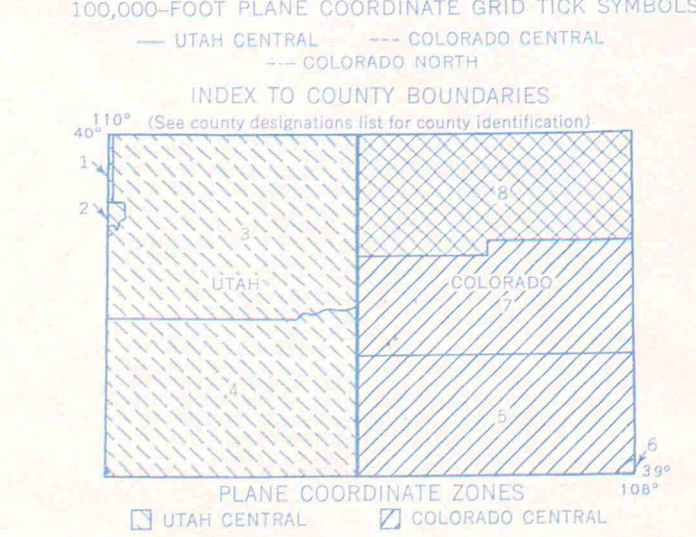


Base prepared by the Army Map Service (AGS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1957 by photogrammetric methods and from United States Quadrangles, 1:24,000, 1:25,000 and 1:50,000, USGS and AMS, 1952-1953. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USC&GS, USGS, and GE. Photographic field annotated, 1956.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS  
— UTAH CENTRAL — COLORADO CENTRAL  
— COLORADO NORTH



HORIZONTAL CONTROL

- 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 Length - Electronic or Taped
- Transect Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

VERTICAL CONTROL

- First Order
- Second Order
- Third Order

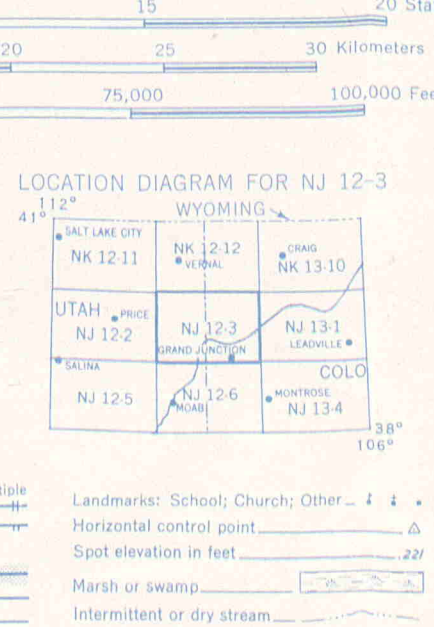
STATE SURVEY CONTROL

- Horizontal or Vertical

TRANSVERSE MERCATOR PROJECTION

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

LOCATION DIAGRAM FOR NJ 12-3



COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES			
UTAH	UTAH	UTAH	UTAH
39 109 4	39 109 1	39 108 4	39 108 1
39 109 3	39 109 2	39 108 3	39 108 2

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES			
UTAH	UTAH	UTAH	UTAH
39 109 4	39 109 1	39 108 4	39 108 1
39 109 3	39 109 2	39 108 3	39 108 2

LEGEND

- ROADS: Heavy surface, heavy duty; 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 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 GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

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

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

QUADS 391081-2-3-4 & 391091-2-3-4  
COLO-UTAH  
LATITUDE 39°00' TO 40°00'  
LONGITUDE 108°00' TO 110°00'  
DIAGRAM NJ 12-3 GRAND JUNCTION

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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1. GRAND JUNCTION, ELECTRIC POWERHOUSE, SMOKESTACK  
GRAND JUNCTION, TELEGRAPH LONGITUDE STATION

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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