

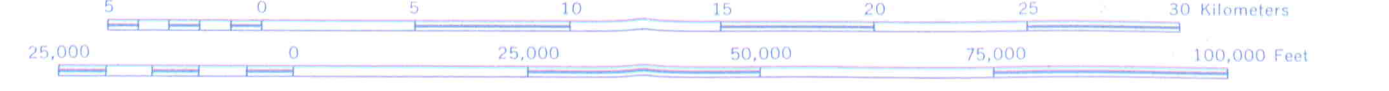
Prepared by the U. S. Army Topographic Command (BESK), Washington, D. C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1954. Photostereographs field annotated 1954. Revised by the U. S. Geological Survey 1969.

HORIZONTAL CONTROL

- National Ocean 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 - Electro Optical or Taped
  - Line of triangulation observed
  - 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
  - See separate index for names of numbered stations
  - Station reported not recovered
  - Measured Base - Electro Optical or Taped
  - Line of triangulation observed
  - 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

VERTICAL CONTROL

- National Ocean Survey**
  - First Order
  - Second Order
  - Third Order
- Geological Survey**
  - First Order
  - Second Order
  - Third Order



- 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
  - Inter-gauge
  - Single track
  - Double or multiple track
  - Horizontal control point
  - Spot elevation in feet
  - Marsh or swamp
  - Intermittent or dry stream
  - Power line
- BOUNDARIES**
  - International
  - State
  - County
  - Park or reservation
- LEGEND**
  - Landmarks: School, Church, Other
  - Horizontal control point
  - Spot elevation in feet
  - Marsh or swamp
  - Intermittent or dry stream
  - Power line

NATIONAL OCEAN SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

36 109 4	36 109 1	36 108 4	36 108 1
36 109 3	36 109 2	36 108 3	36 108 2

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM NATIONAL GEODETIC SURVEY, NOAA ROCKVILLE, MARYLAND, 20852.

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

476	475	474	518	518	517	516	515
455	454	453	493	493	492	491	490
434	433	432	468	468	467	466	465
410	409	408	443	443	442	441	440

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20244.

USCOMM - NOAA - DC MARCH 1974 A 4920

SHIPROCK, NEW MEXICO; ARIZONA (NJ 12-12) JUNE 1963 REVISED JULY 1973



# ALPHABETICAL INDEX TO HORIZONTAL CONTROL DATA

by the  
 National Ocean Survey

PAGE 1  
 QUADS 361081-2-3-4 & 361091-2-3-4  
 ARIZ-N MEX  
 LATITUDE 36°00' TO 37°00'  
 LONGITUDE 108°00' TO 110°00'  
 DIAGRAM NJ 12-12 SHIPROCK

STATION NAME	QUAD NO.	STATION NO.	KEY NO.	STATION NAME	QUAD NO.	STATION NO.	KEY NO.
3610815001 NMHC	1971	361081	1011	3610845008 NMHC	1971	361084	1021
3610815002 NMHC	1971	361081	1012	3610845009 NMHC	1971	361084	1022
3610815003 NMHC	1971	361081	1013	3610845010 NMHC	1971	361084	1023
3610815004 NMHC	1971	361081	1014	3610845012 NMHC	1971	361084	1024
3610815005 NMHC	1971	361081	1015	3610845013 NMHC	1971	361084	1025
3610815006 NMHC	1971	361081	1016	3610845014 NMHC	1971	361084	1026
3610815007 NMHC	1971	361081	1017	3610845015 NMHC	1971	361084	1027
3610815008 NMHC	1971	361081	1018	3610845016 NMHC	1971	361084	1028
3610815009 NMHC	1971	361081	1019	3610845017 NMHC	1971	361084	1029
3610815010 NMHC	1971	361081	1020	3610845018 NMHC	1971	361084	1030
3610815011 NMHC	1971	361081	1021	3610845019 NMHC	1971	361084	1031
3610815012 NMHC	1971	361081	1022	3610845020 NMHC	1971	361084	1032
3610815013 NMHC	1971	361081	1023	3610845021 NMHC	1971	361084	1033
3610815014 NMHC	1971	361081	1024	3610845022 NMHC	1971	361084	1034
3610815015 NMHC	1971	361081	1025	3610845023 NMHC	1971	361084	1035
3610815016 NMHC	1971	361081	1026	3610845024 NMHC	1971	361084	1036
3610815017 NMHC	1971	361081	1027	3610845025 NMHC	1971	361084	1037
3610815018 NMHC	1971	361081	1028	3610845026 NMHC	1971	361084	1038
3610815019 NMHC	1971	361081	1029	3610845027 NMHC	1971	361084	1039
3610815020 NMHC	1971	361081	1030	3610845028 NMHC	1971	361084	1040
3610815021 NMHC	1971	361081	1031	3610845029 NMHC	1971	361084	1041
3610815022 NMHC	1971	361081	1032	3610845030 NMHC	1971	361084	1042
3610835001 NMHC	1971	361083	1008	3610845031 NMHC	1971	361084	1043
3610835002 NMHC	1971	361083	1009	3610845032 NMHC	1971	361084	1044
3610835003 NMHC	1971	361083	1010	3610845033 NMHC	1971	361084	1045
3610835004 NMHC	1971	361083	1011	3610845034 NMHC	1971	361084	1046
3610835005 NMHC	1971	361083	1012	3610845035 NMHC	1971	361084	1047
3610835006 NMHC	1972	361083	1013	3610845036 BDRY MON 313	1971	361084	1048
3610835007 NMHC	1972	361083	1014	3610845037 NMHC	1971	361084	1049
3610835008 NMHC	1972	361083	1015	3610845038 NMHC	1971	361084	1050
3610835009 NMHC	1972	361083	1016	3610845039 NMHC	1971	361084	1051
3610835010 NMHC	1972	361083	1017	3610845040 NMHC	1971	361084	1052
3610835011 NMHC	1972	361083	1018	3610845041 NMHC	1971	361084	1053
3610845001 NMHC	1971	361084	1014	BEAUTIFUL		361093	1001
3610845002 NMHC	1971	361084	1015	BENCH MARK 2 BE USGS	1971	361083	1005
3610845003 NMHC	1971	361084	1016	BENCH MARK U 69		361081	1004
3610845004 NMHC	1971	361084	1017	BENCH MARK V 15	1972	361083	1004
3610845005 NMHC	1971	361084	1018	BENNETT		361083	1003
3610845006 NMHC	1971	361084	1019	BLACK PINNACLE LOOKOUT HOUSE		361092	1003
3610845007 NMHC	1971	361084	1020	BOUNDARY MONUMENT NO 9		361084	1003

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL OCEAN SURVEY  
 ROCKVILLE, MARYLAND 20852  
 NOAA FORM 76-107 (5-72)  
 DATE

# ALPHABETICAL INDEX TO HORIZONTAL CONTROL DATA

by the  
 National Ocean Survey

PAGE 2  
 QUADS 361081-2-3-4 & 361091-2-3-4  
 ARIZ-N MEX  
 LATITUDE 36°00' TO 37°00'  
 LONGITUDE 108°00' TO 110°00'  
 DIAGRAM NJ 12-12 SHIPROCK

STATION NAME	QUAD NO.	STATION NO.	KEY NO.
BOUNDARY MONUMENT NO 9 ECCENTRIC	361084	1003	
BUTTE NMHC 1971	361084	1006	
COLD NMHC 1971	361084	1007	
COMB	361094	1001	
CONE 2 NMHC 1971	361084	1008	
DIKE	361084	1001	
DOVE 1936	361084	1004	
DUNE USGS	361081	1003	
F-1 1971	361081	1005	
F-3 PARK BLUFF 1971	361081	1006	
FOUR CORNERS GLO STATION 1 1934	361091	1001	
FARM AIR	361081	1001	
G L O STATION 3	361081	1002	
GLO STATION 4	361084	1002	
GLO STATION 7 1934	361083	1001	
LQHALI	361093	1002	
MESA 2 NMHC 1971	361084	1009	
NAVA USGS 1971	361083	1006	
NEWCOMB TANK 1972	361083	1007	
NIP 32 USBR 1971	361081	1007	
NIP 39 USBR 1971	361081	1008	
PEAK USFS 1971	361081	1009	
RATTLESNAKE USGS 1971	361084	1010	
REPTILE USGS 1971	361084	1011	
ROUGH ROCK	361093	1003	
SALT 2 NMHC 1971	361084	1012	
SEZNINI USGS	361092	1001	
SHIPROCK HIGHEST PINNACLE	361084	1005	
SIMPSON USGS	361082	1001	
SONSALA USGS	361092	1002	
STANDING	361082	1003	
STONY BUTTE	361082	1002	
TWIN USGS 1971	361081	1010	
WASHINGTON WASHINGTON PASS LOOKOUT TOWER	361083	1002	
WHEELER USGS 1971	361084	1013	

STATION NAME	QUAD NO.	STATION NO.	KEY NO.
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