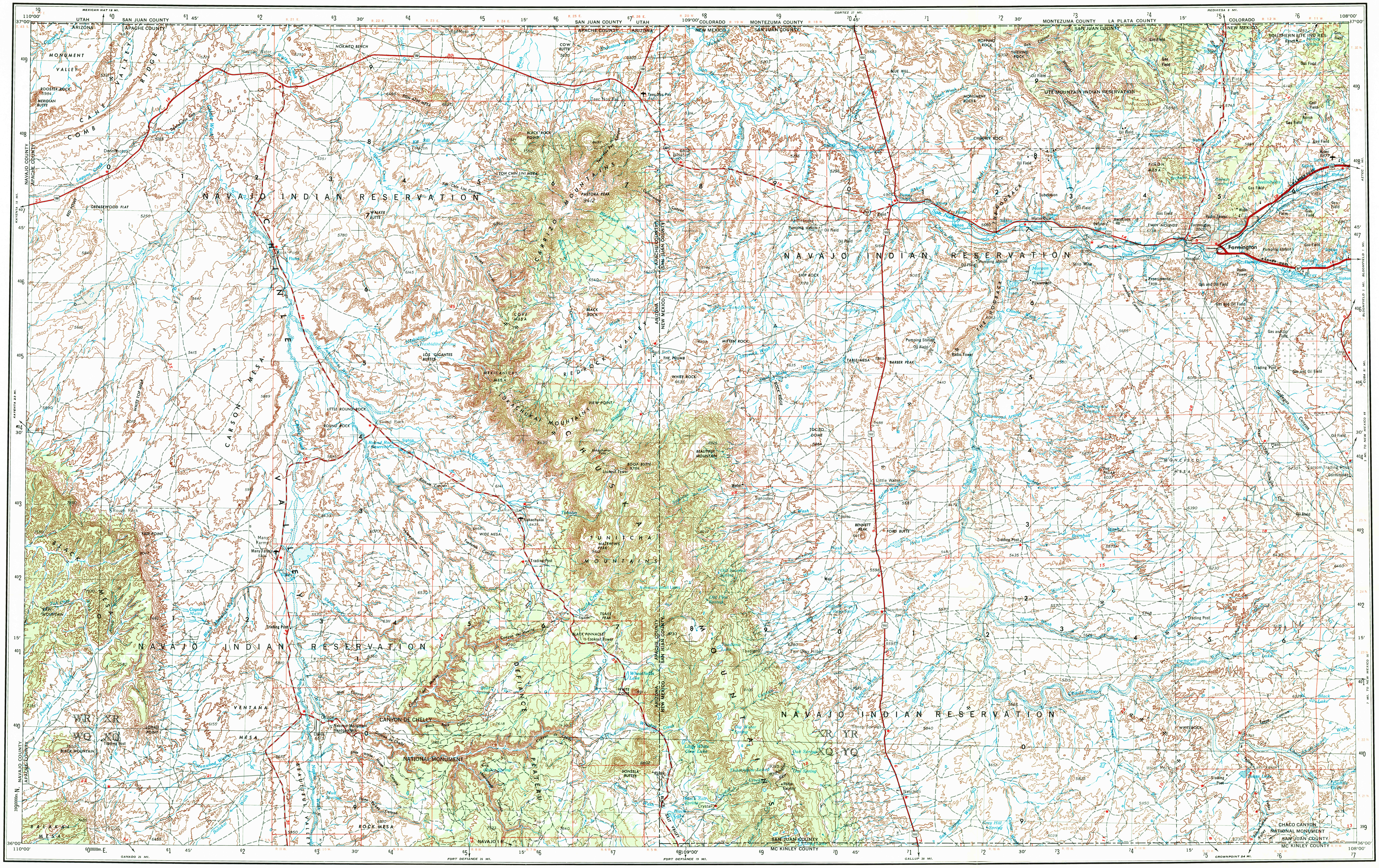
SHIPROCK


MEXICAN HAT 12 MI.
CORTEZ 27 MI.
REDMESA 8 MI.
110°00′
37°00′
108°00′
36°00′
109°00′
UTAH
ARIZONA
COLORADO
NEW MEXICO
SAN JUAN COUNTY
APACHE COUNTY
MONTEZUMA COUNTY
LA PLATA COUNTY
NAVAJO COUNTY
MC KINLEY COUNTY
MONUMENT VALLEY
COMB RIDGE
CANE VALLEY
ROOSTER ROCK
MERIDIAN BUTTE
Dennehotso
GREASEWOOD FLAT
NOKAITO BENCH
Mexican Water
TOH ATIN MESA
Red Mesa
COW BUTTE
Teec Nos Pos
NAVAJO INDIAN RESERVATION
BLACK ROCK POINT
TOH CHIN LINI MESA
CARRIZO MOUNTAINS
PASTORA PEAK 9412
Beclabito
Shiprock
SHIP ROCK 7178
UTE MOUNTAIN INDIAN RESERVATION
SOUTHERN UTE IND RES
La Plata
Aztec
Flora Vista
Farmington
Fruitland
Kirtland
Waterflow
THE HOGBACK
Morgan Lake
San Juan River
CHIMNEY ROCK
MONUMENT ROCKS
PINON MESA
Rock Point
CHINLE VALLEY
CARSON MESA
WHITE TOP MESA
LITTLE ROUND ROCK
ROUND ROCK
Round Rock
LOS GIGANTES BUTTES
COVE MESA
MEXICAN CRY MESA
LUKACHUKAI MOUNTAINS
REDROCK VALLEY
Red Rock
THE THUMB
WHITE ROCK
MITTEN ROCK
TABLE MESA
BARBER PEAK
ROCK RIDGE
TOCITO DOME
BEAUTIFUL MOUNTAIN
ROOF BUTTE 9784
Lukachukai
WIDE MESA
TUNITCHA MOUNTAINS
MATTHEWS PEAK
CHUSKA MOUNTAINS
Sanostee
Little Water
Tocito
BENNETT PEAK
FORD BUTTE
Newcomb
Two Grey Hills
Toadlena
Sheep Springs
Naschitti
Crystal
Washington Pass
TSAILE PEAK
Tsaile
BLACK PINNACLE
Wheatfields Lake
WHITE CONE
SONSELA BUTTES
DEFIANCE PLATEAU
CANYON DE CHELLY NATIONAL MONUMENT
Chinle
Many Farms
Rough Rock
YALE POINT
BLACK MESA
RAIN MOUNTAIN
VENTANA MESA
LOHALI POINT
BLACK MOUNTAIN
BALAKAI MESA
ROCK MESA
BEAUTIFUL VALLEY
MONCISCO MESA
THE PILLAR
Chaco River
Hunter Wash
De-na-zin Wash
WHITEROCK
White Rock
Lake Valley
Carson Trading Post
Gallegos Canyon
CHACO CANYON NATIONAL MONUMENT
KAYENTA 18 MI.
KAYENTA 23 MI.
GANADO 26 MI.
FORT DEFIANCE 26 MI.
FORT DEFIANCE 19 MI.
GALLUP 38 MI.
CROWNPOINT 24 MI.
AZTEC 1 MI.
BLOOMFIELD 1 MI.
BLOOMFIELD 5 MI.
CUBA 81 MI.
5 MI. TO NEW MEXICO 44
7 MI. TO NEW MEXICO 56
WR XR
WQ XQ
XR YR
XQ YQ
3990000m. N.
600000m. E.

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

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000	LOS ANGELES
100,000 to 500,000	OMAHA
25,000 to 100,000	GALVESTON
5,000 to 25,000	Laramie
1,000 to 5,000	Grand Coulee
Less than 1,000	Sun Valley

RAILROADS

	Single track	Double or Multiple
Standard gauge		
Narrow gauge		

BOUNDARIES

- International
- State
- County
- Park or reservation

ROADS

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange

Route markers: Interstate, U.S., State 95 29 193

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood
- Windmill; Mine;
- Landmark: School; Church; Other
- Spot elevation in feet 221
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

5 0 5 10 15 Nautical Miles

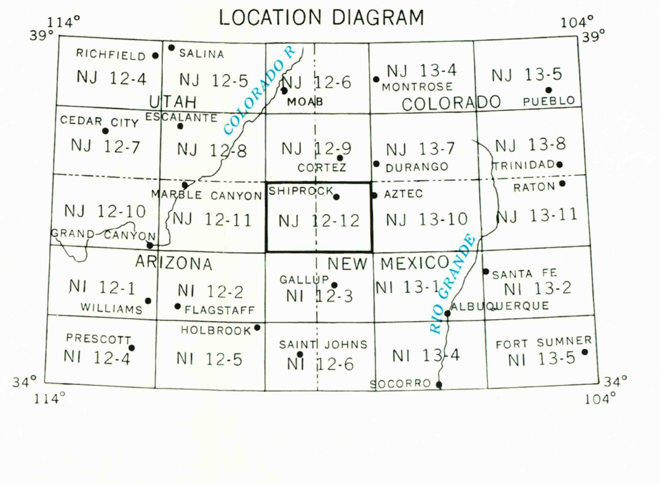
CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14½° (260 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13½° (240 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

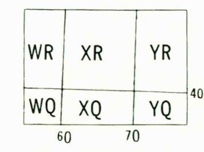

114°
104°
39°
34°
RICHFIELD
SALINA
NJ 12-4
NJ 12-5
NJ 12-6
MOAB
NJ 13-4
MONTROSE
NJ 13-5
PUEBLO
UTAH
COLORADO
CEDAR CITY
ESCALANTE
NJ 12-7
NJ 12-8
NJ 12-9
CORTEZ
NJ 13-7
DURANGO
NJ 13-8
TRINIDAD
MARBLE CANYON
SHIPROCK
AZTEC
RATON
NJ 12-10
GRAND CANYON
NJ 12-11
NJ 12-12
NJ 13-10
NJ 13-11
ARIZONA
NEW MEXICO
GALLUP
NI 12-1
WILLIAMS
NI 12-2
FLAGSTAFF
NI 12-3
NI 13-1
SANTA FE
NI 13-2
ALBUQUERQUE
PRESCOTT
NI 12-4
HOLBROOK
NI 12-5
SAINT JOHNS
NI 12-6
NI 13-4
SOCORRO
FORT SUMNER
NI 13-5
COLORADO R
RIO GRANDE

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

GRID ZONE DESIGNATION:
12S
100,000 M. SQUARE IDENTIFICATION


WR
XR
YR
WQ
XQ
YQ
400
60
70

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example:
3990000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: RED ROCK

1. Read letters identifying 100,000 meter square in which the point lies: XR
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 7
Estimate tenths from grid line to point: 3
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 5
Estimate tenths from grid line to point: 2

SAMPLE REFERENCE: XR7352

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 12SXR7352

SHIPROCK, N. MEX.; ARIZ.; COLO.; UTAH
1954
REVISED 1969

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES

1958