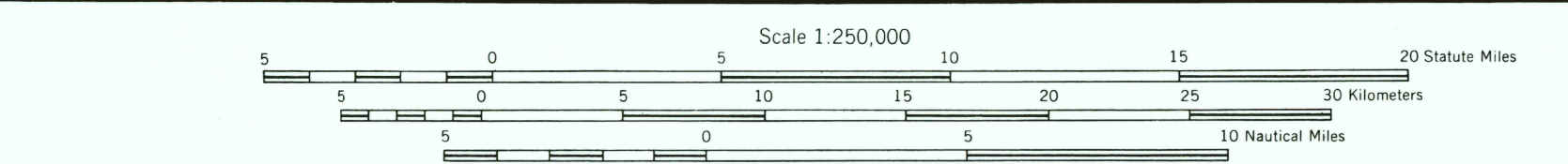


V502, EDITION 2
 Prepared by the U.S. Army Topographic Command (IBEE), Washington, D.C. Compiled in 1954 by photogrammetric methods from aerial photographs taken 1953-54. Photographs field annotated 1954. Revised by the U.S. Geological Survey 1970. Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 12. 100,000-foot grid ticks based on New Mexico coordinate system, west zone, and Arizona coordinate system, east zone. 1927 North American Datum. The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1876. Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geoidetic Control Diagram. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND
 Figures in red denote approximate distances in miles between stars

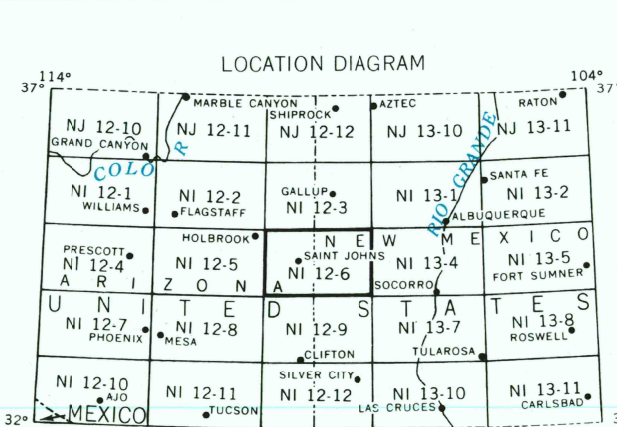
POPULATED PLACES	ROADS	RAILROADS	BOUNDARIES
Over 500,000	Primary, all-weather, hard surface	Standard gauge	State
100,000 to 500,000	Secondary, all-weather, hard surface	Narrow gauge	County
25,000 to 100,000	Light duty, all-weather, hard or improved surface	Single track	Park or reservation
5,000 to 25,000	Fair or dry weather, unimproved surface	Double or multiple	
1,000 to 5,000	Trail		
Less than 1,000	Interchange		
	Route markers: Interstate, U.S., State		
	Landmarks: School; Church; Other		
	Landplane airport		
	Mine		
	Spot elevation in feet		
	Marsh or swamp		
	Sagplane airport		
	Dry lake		
	Intermittent or dry stream		
	Woods-brushwood		
	Power line		



CONTOUR INTERVAL 200 FEET
 WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

RECEIVED
 SEP 30 2000
 USGS (NMJ)
 HISTORICAL MAP ARCHIVES

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 13°17' (240 MLS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 17°01' (201 MLS) EASTERLY FOR THE CENTER OF THE EAST EDGE
 FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

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

WP	XP	YP
WN	XN	YN

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 500 METERS
 SAMPLE POINT: OMEGA

1. Read letters identifying 100,000 meter square to which the point lies.
 2. Locate this VERTICAL grid line to LEFT of point and read LARGE figure labeling the line within the top or bottom margin, or on the line itself.
 3. Estimate tenths from grid line to point.
 4. Locate this HORIZONTAL grid line to BELOW point and read LARGE figure labeling the line within the left or right margin, or on the line itself.
 5. Estimate tenths from grid line to point.
 6. Combine figures of the grid number.
 7. Example: 1770000
 If reporting beyond 10" in any direction, prefix Grid Zone Designation, as: 12S94200



SAINT JOHNS, ARIZONA; NEW MEXICO
 1954
 REVISED 1970

