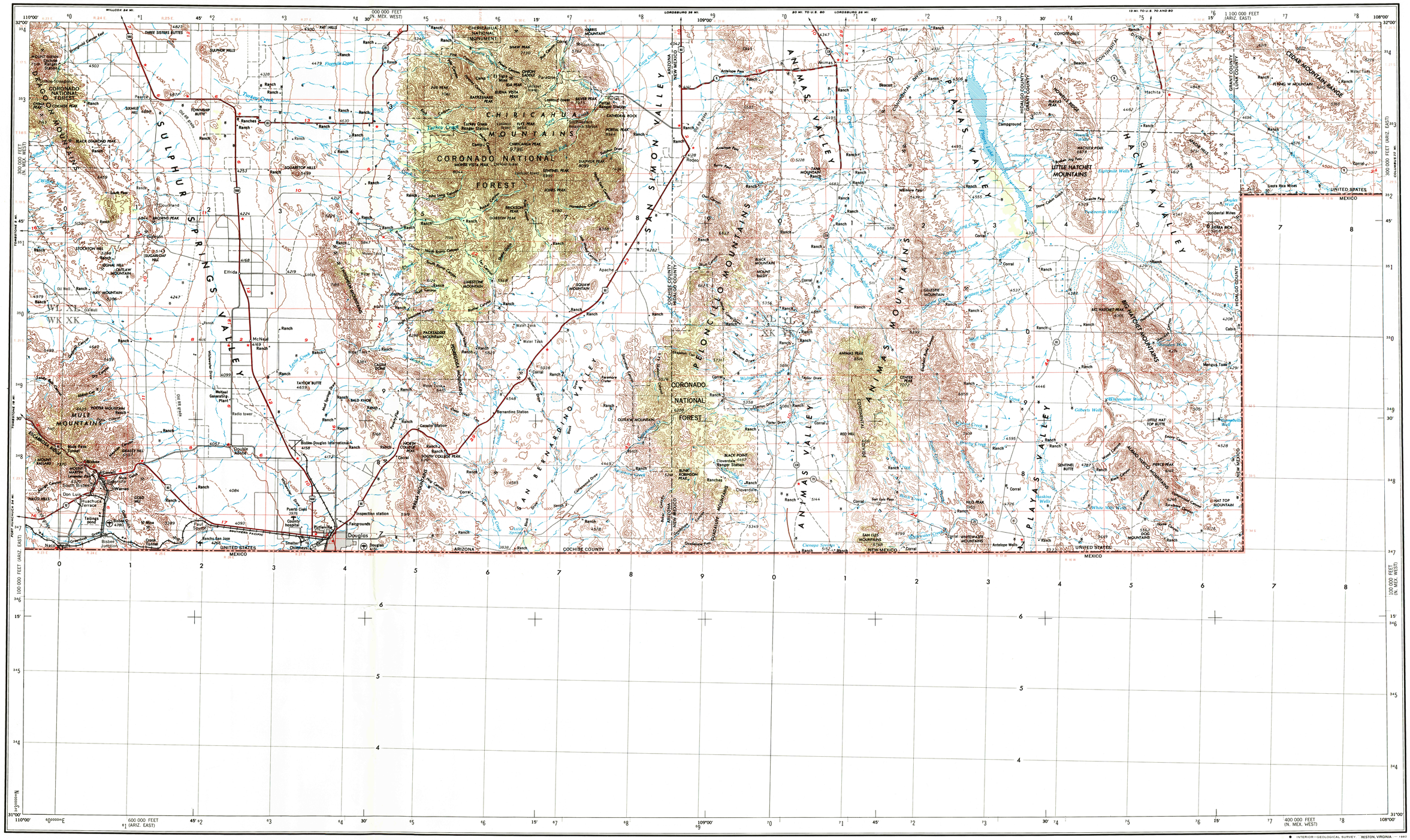


Prepared by the U.S. Army Topographic Command (KCSX), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles 1:50,000, 1958. Planimetry revised from aerial photographs taken 1957-58. Photographs field annotated 1958-59. Revised by the U.S. Geological Survey 1970

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 12. 100,000-foot grid ticks based on Arizona coordinate system, east zone and New Mexico coordinate system, west zone. 1927 North American datum.To place on the predicted North American Datum 1983 move the projection lines10meters south and 58 meters east

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic 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
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 Codes
Less than 1,000 — Sun Valley

RAILROADS
Standard gauge
Narrow gauge
Single track Double or Multiple

BOUNDARIES
International
State
County
Park or reservation

ROADS
Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Light-duty, all-weather, improved surface
Fair or dry weather, unimproved surface
Trail
Interchange
Route markers: Interstate, U.S., State

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

Scale 1:250,000

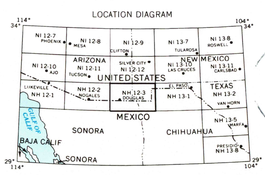
5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 12½° (220 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12° (210 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



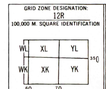
SECTIONIZED TOWNSHIP

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

USGS NMP HISTORICAL STAFF
SEP 07 1988
REC'D FILE COPY

GRID ZONE DESIGNATION: 12R
100,000 M SQUARE IDENTIFICATION



IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number. example 340000

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

SAMPLE POINT: APACHE

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

	XL	
		7
		7
		0
	YL	7

SAMPLE REFERENCE: XL7707
If reporting beyond 18° in any direction, prefix Grid Zone Designation, ex. 12N0,7707

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA — 1982

DOUGLAS, ARIZONA NEW MEXICO
1959
REVISED 1970