NEW MEXICO, 1:50,000

EDITION 2-AMS

LAS CRUCES

REFER TO THIS MAP AS:
SHEET 4648 IV
SERIES V781

SOCORRO (JUNC. U. S. 60) 216 km
HATCH 30 km

0° 11° 12° 13° 14° 15° 16°

107°00′ R.2W. — R. 1 W. — R. 1 E. — R. 2 E. — 106°45′
32°30′

Radium Springs Junc.
Foster Canyon
LEASBURG DAM
Fort Selden
RUINS OF FORT SELDEN
ATSF
NEW MEXICO STATE COLLEGE
ANIMA HUSBANDRY
Wagner Canyon
Wagner Well
Cox Tank
JORNADA EXPERIMENTAL RANGE
DOÑA ANA MOUNTAINS
Ucofas Wells
Wagner Canyon
RANCH
Cleveland Canyon
McCall Ranch
Lookout Peak
Leasburg
Doña Ana Peak
Faulkner Canyon
Indian Springs Canyon
Robledo Mtn
LEASBURG DRAINAGE DITCH
MERIDIAN
TRANSMISSION LINE
Hill
Hawkins North Tank
Canyon
BANNL
ATCHISON TOPEKA AND SANTA FE
Hawkins Ranch
Hawkins East Tank
PRINCIPAL
Shalem Colony
Doña Ana
DOÑA ANA COLONY
PICACHO
East Picacho Sch.
Apache Canyon
APACHE DAM
LATERAL
GRANDE
RIO
Box Canyon
BOX CANYON DAM
Picacho Mtn
Picacho
MESILLA
WINDMILL
West Picacho Sch.
Fairacres
LAS CRUCES
(BM 1188)
High Sch
COUNTY COURT HOUSE
ALAMEDA BLVD
MAIN AVE
Loretto Academy
CIVIL
COLONY
DRAINAGE DITCH
Mesilla
Mesilla Park
(BM 1182)
NEW MEXICO STATE COLLEGE
Tortugas
A T & S F
DEMING 74 km
CAMBRAY 32 km
SAN MIGUEL 11 km
CANUTILLO 45 km
MESQUITE 11 km
EL PASO 62 km
ORGAN 18 km
ALAMOGORDO (ONM) 0 S 54 I 104 km

T. 21 S. — T. 22 S. — T. 23 S. — T. 24 S.

3570000m.N.
32°15′
R. 2 W.
107°00′
312000m.E.

CONVERSION GRAPH
(1 meter = 3.28 feet)
Meters / Feet
1800 5900
1700 5600
1600 5200
1500 4900
1400 4600
1300 4200
1200 3900
1100 3700

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers
1 ½ 0 1 2 3 Statute Miles
1 ½ 0 1 2 3 Nautical Miles

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V781
EDITION 2-AMS

Prepared by the Army Map Service (PV), Corps of Engineers, U. S. Army, Washington, D. C. Copied in 1955 from New Mexico, 1:62,500, USGS, Las Cruces, 1941. Original map compiled by U. S. Geological Survey. Surveyed in 1941. Horizontal and vertical control by USGS. Public land lines are based on the New Mexico Principal Meridian. Map not field checked.

LEGEND

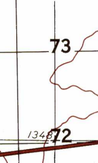
Tint indicates areas in which only landmark buildings are shown
ROAD DATA 1943

- Hard surface, heavy duty road, four or more lanes wide — 4 LANES | 6 LANES
- Hard surface, heavy duty road: Two lanes wide; Three lanes wide — 2 LANES | 3 LANES
- Hard surface, medium duty road, four or more lanes wide — 4 LANES | 6 LANES
- Hard surface, medium duty road: Two lanes wide; Three lanes wide — 2 LANES | 3 LANES

RAILROADS
- Standard gauge — Single track | Multiple track
- Narrow gauge
- In street
- Carline

BOUNDARIES
- National
- State (with monument)
- County
- County subdivision
- Corporate limits
- Military reservation
- Other reservation
- Public land line, reliable

- Improved light duty road, street
- Unimproved dirt road
- Trail
- Route markers: Federal; State (87); State (50)
- Buildings
- Bench mark, monumented — BM ×792
- Bench mark, non-monumented — ×431
- Spot elevations in meters: Checked; Unchecked — ×168; ×168
- Light, lighthouse; Windmill, wind pump; Water mill
- Woods or brushwood — None
- Vineyard; Orchard — None
- Intermittent lake
- Intermittent stream; Dam
- Marsh or swamp
- Rapids; Falls
- Large rapids; Large falls
- Public land line, unreliable



ELEVATIONS IN METERS

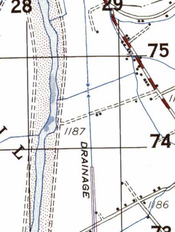
CONTOUR INTERVAL 10 METERS
VERTICAL DATUM: SEA LEVEL DATUM OF 1929

TRANSVERSE MERCATOR PROJECTION
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM

RED NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 13
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE DMA CUSTOMER HELP DESK: 1-800-455-0899, COMMERCIAL 314-260-1236, DSN 490-1236, OR WRITE TO: DIRECTOR, DEFENSE MAPPING AGENCY, ATTN: ATC, 8613 LEE HIGHWAY, FAIRFAX, VA 22031-2137.

GRID ZONE DESIGNATION: 13S 100,000 M. SQUARE IDENTIFICATION: CF	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS	
	SAMPLE POINT: WEST PICACHO SCH	
	1. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself: Estimate tenths from grid line to point:	26 6
	2. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself: Estimate tenths from grid line to point:	75 5
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: 3570000	SAMPLE REFERENCE:	266755
	If reporting beyond 100,000 meters or if sheet bears an overlapping grid, prefix 100,000 Meter Square Identification, as:	CF266755
	If reporting beyond 18° in any direction, prefix Grid Zone Designation as:	13SCF266755



APPROXIMATE MEAN DECLINATION 1955
FOR CENTER OF SHEET
ANNUAL MAGNETIC CHANGE 2′ WESTERLY
Use diagram only to obtain numerical values. To determine magnetic north line, connect the pivot point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale at the north edge of the map.

INDEX TO ADJOINING SHEETS

4549 II	4649 III	4649 II
4548 I	4648 IV	4648 I
4548 II	4648 III	4648 II

Sheet 4648 IV falls within NI-13-10, V502, 1:250,000.

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

METRIC CONVERSION OF CONTOURS AND ELEVATIONS 1979

LAS CRUCES, NEW MEXICO
DONA ANA COUNTY

THIS MAP IS RED-LIGHT READABLE

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DMA STOCK NO. V781X46484