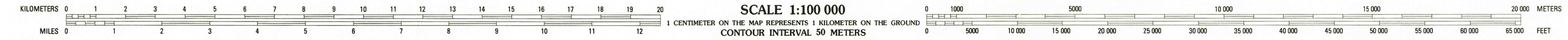
SAN MATEO MOUNTAINS, NEW MEXICO

30x60 MINUTE SERIES (TOPOGRAPHIC)

108°00′
34°00′
107°00′
33°30′
45′
30′
15′
R 11 W
R 10 W
R 9 W
R 8 W
R 7 W
R 6 W
R 5 W
R 4 W
R 3 W
R 2 W
T 4 S
T 5 S
T 6 S
T 7 S
T 8 S
T 9 S
475 000 FEET (WEST)
250 000 FEET (CENTRAL)
1 075 000 FEET (WEST)
1 075 000 FEET (CENTRAL)
925 000 FEET (CENTRAL)
925 000 FEET (WEST)
750 000 FEET (WEST)
0 FEET (CENTRAL)
PLAINS OF SAN AGUSTIN
Cedar Well
Sanchez Well
Espanola Well
C-N Lake
White Well
Old Sand Well
New Sand Well
West Pasture Windmill
First Well
Granoso Well
Buck Well
Woods Well
Satathite Place
Middle Well
Taylor Well
Eloysia Windmill
Partnership Well
Luera Spr
Frenchmans Well
Antelope Well
Luera Peak
Cañon Obscuro
Luera Mountains
Hay Pasture Windmill
Deep Well Tank
Lost Mines Hill
Corral
Patrocino Canyon
Landing Strip
Hog Hill
Alamo Canyon
Radio Tower
Bathtub Canyon
1150 Windmill
Mojonera Canyon
CONTINENTAL DIVIDE
Twin Lakes
Laguna Hondo
Paddys Hole
Chavez Draw
Indian Spring Canyon
Sullivans Hole Canyon
Ben Draw
Rock Springs Peak
Patterson Peak
Patterson Canyon
School Section Draw
Stone Canyon
North Garcia Windmill
Dry Lake Windmill
Henry Ford Tank
Divide Windmill
Draw
North Wahoo Canyon
Lonesome Well
Steer Canyon
Wahoo Well
Bear Mountain
Bear Canyon
Gibson Well
Corduroy
North Water Spring
North Water Canyon
Wahoo Peak
BLACK RANGE
GILA NATIONAL FOREST
Landing Strip
Indian Peaks
Adobe Canyon
Adobe Spring
White Saddle Well
Silver Creek
Seven H L Canyon
Antelope Canyon
East Water Canyon
Middle Water Spring
South Water Canyon
Corduroy Canyon
Sand Windmill
Straight Gulch
Sheep Canyon
Lightning Windmill
Wildhorse
Havill
CATRON CO
SOCORRO CO
Kellog Canyon
Kellog Tank
Taylor Canyon
Oak Peak
Bald Hill
Baney Canyon
Box Canyon
Limestone
Sam Draw
Big Pigeon Canyon
Little Pigeon
Whitewater
Drill Draw
Red Canyon
West Canyon
Sim Yaten Canyon
Post Canyon
Pine Canyon
Bull Canyon
Wild Canyon
Alamosa Creek
Dusty
Springs Canyon
Pole Canyon
Duck Canyon
Ridge Windmill
Knisley Canyon
Little Knisley
Point of Rocks
Sargent Canyon
Morine Canyon
Ranch Canyon
Supply Canyon
Old Canyon
Durfee Canyon
Bolander Canyon
Monica Canyon
Monica Saddle
Mount Withington
Lookout
Bear Trap Canyon
Spring Hollow Can
Chimney Canyon
Buck Canyon
Alexander Mountain
Bay Buck Peaks
Bitter Canyon
Hudson Canyon
Box Draw Canyon
Estaline Canyon
A-L Spr
A-L Peak
Little Rosa Canyon
Cooney Canyon
Rosa Canyon
Cooney Windmill
Potato Canyon
Dry Canyon
Water Canyon
Big Rosa
Chavez Canyon
Whitecap Canyon
Rosedale
Rosedale Mine
Bell Mine
Grassy Lookout
Lava Spring
New Lava Spring
Oak Spring
Exter Spring
Exter Canyon
Wildcat Peak
Horse Mountain Canyon
Horse Mountain
The Park
Narrow Spring
Bear Spring
Allen Spring
Turkey Springs
Indian Spring
Tool Box Spring
Rattlesnake Canyon
East Red Canyon
Cave Peaks
Drift Fence Canyon
Black Mountain
Coffee Pot Canyon
Red John Box
Welty Hill
Sim Yaten Hills
Burnt Peaks
PACK TRAIL
Hardscrabble Spring
Deep Canyon
Cold Spring
White Mule Canyon
Wood Canyon
Rock Creek
Teepee Peak
West Blue Mountain
Blue Mountain
Cub Spring
San Juan Peak
Tonto Basin
Cyclone Saddle
San Juan Saddle
San Juan Spring
Owl Canyon
Maverick Canyon
Holdup Mountain
Apache Kid Peak
Skeleton Ridge
Pinon Mountain
The Gorge
Smith Canyon
Twentyfive Yard Spring
San Mateo Peak
Lookout
Milo Canyon
Roberts Canyon
Indian Creek
Springtime Canyon
Kelly Canyon
Holdup Canyon
Rabbit Spring
Nogal
Nogalita Spring
San Mateo Canyon
Whitetail Canyon
San Mateo Mountain
Vicks Peak
Chaunte
Cerra de las Cabras
Casa Grande
Rock Spring
Spruce Park
San Jose Arroyo
Lumber Canyon
Rock Springs Canyon
Cañon de Quirino
Shipman Canyon
INDIAN RESERVATION
OLD
BDY
Black Mountain
Gaging Station
Monticello Box
Monticello Canyon
Mike Springs Canyon
Alum Spring
Montoya Butte
Rattlesnake Well
Grapevine Canyon
San Hill Canyon
CIBOLA NATIONAL FOREST
SAN MATEO MOUNTAINS
Landing Strip
Rock Springs Canyon
Mill Canyon
Milligan Gulch
Chocle Windmill
Squaw Peak
Alameda Spring
Bear Canyon
Mill Place
Hardy Canyon
Little Well
Wilson Hill
Tenmile Hill
North Mountain
Monument Hill
Spook Hill
Red Canyon
South Baldy
Baldy Spring
Buttercup Spring
Hardy Spring
Timber Peak
Sixmile Spring
Buck Peak
South Canyon
Sixmile Canyon
Box Spring
West Fork
East Fork
Molino Peak
Molino Spring
Italian Peak
Italian Spring
Ryan Hill Spring
Ryan Hill
Rincon
Madera
Madera Canyon
Chavez Canyon
Caronita Canyon
Chupadera Mountains
MAGDALENA MOUNTAINS
Ridge
Sawmill Spring
Sawmill Canyon
Puertecito Spring
Haunted Spring
Sawmill Canyon Windmill
Puertecito Well
Puertecito Gap
Copper Canyon Well
Copper Canyon
Landing Strip
Burro Spring
Cienega Springs
Torreon Springs
Torreon Canyon
Boon Well
POWERLINE
Torreon Arroyo
Arroyo
Puertecito
Devils Backbone
Indian Hills
Bern Peak
Antelope Well
Horse Mountain
Tiffany Canyon
Coyote Spring
PEDRO ARMENDARIS NO 34
Rocky Arroyo
Milligan Gulch
Spikey Arroyo
Highway Well
Rock Creek
Eaton Canyon
Sheep Canyon
San Juan Canyon
Stone Well
Fort Craig (Ruins)
Gravel Pit
Bottle Hill
Bell Hill
Crawford Hollow
Lumbre Canyon
Simon Canyon
Quates
Black Hill
Landing Field
Silver Canyon
Bosque Well
ELEPHANT BUTTE RESERVOIR STATE PARK
Elephant Butte Reservoir
SPILLWAY ELEV 1356
Conveyance Channel
RIO GRANDE
GRANT BOUNDARY
Paraje Well
JEEP TRAIL
PEDRO ARMENDARIS NO 33
JORNADA DEL MUERTO
PIPELINE
LAVA
AT & SF
CCC Tank
Cuervo Canyon
25
85
107
52
78


KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 0 1 2 3 4 5 6 7 8 9 10 11 12
0 1000 5000 10 000 15 000 20 000 METERS
0 5000 10 000 15 000 20 000 25 000 30 000 35 000 40 000 45 000 50 000 55 000 60 000 65 000 FEET

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 50 METERS

SUPPLEMENTARY CONTOUR INTERVAL 25 METERS

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

SAN MATEO MOUNTAINS, NEW MEXICO
N3330—W10700/30x60
1979

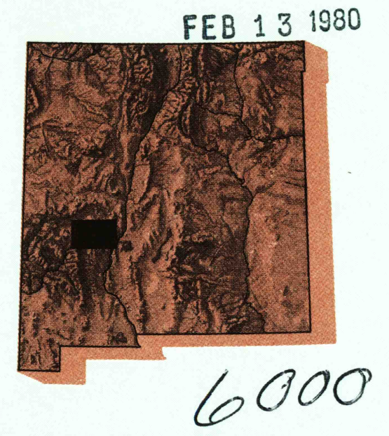
1:100 000-scale *metric* topographic map of

San Mateo Mountains

NEW MEXICO

FEB 13 1980

USGS
Historical File
Topographic Division



6000

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1979

Produced by the United States Geological Survey in cooperation with the Bureau of Land Management

Compiled from USGS 1:24 000-scale topographic maps dated 1961-1979. Map edited 1979

Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked

Projection and 10 000-meter grid, zone 13: Universal Transverse Mercator
25 000-foot grid ticks based on New Mexico coordinate system, central and west zones
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 54 meters east

Dashed red lines indicate protracted land lines
Where omitted, land lines have not been established or are not shown because of insufficient data

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
SUPPLEMENTARY CONTOUR INTERVAL 25 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

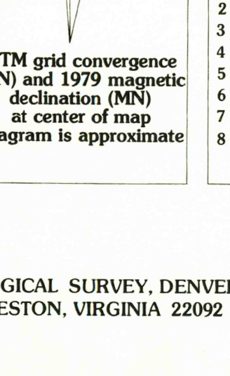
CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM


★
GN
MN
1°23′
25 MILS
12°
213 MILS

UTM grid convergence (GN) and 1979 magnetic declination (MN) at center of map
Diagram is approximate

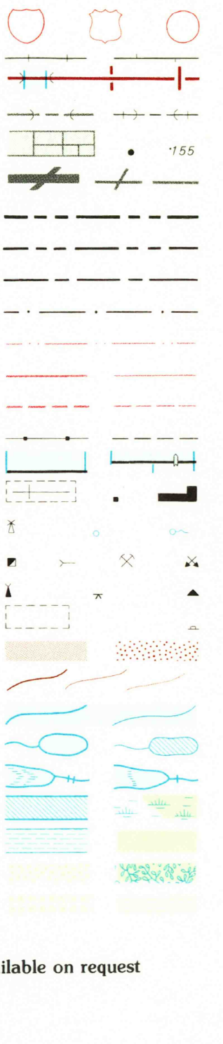
ADJOINING MAPS

1	2	3
4		5
6	7	8

1
2 Magdalena
3 Socorro
4
5 Oscura Mountains
6
7 Truth or Consequences
8 Tularosa

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

Topographic Map Symbols



Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal street, hard or improved surface
Other road or street; trail
Route marker: Interstate; U.S.; State
Railroad: standard gage; narrow gage
Bridge; overpass; underpass
Tunnel: road; railroad
Built up area; locality; elevation
Airport; landing field; landing strip
National boundary
State boundary
County boundary
National or State reservation boundary
Land grant boundary
U.S. public lands survey: range, township; section
Range, township; section line: protracted
Power transmission line; pipeline
Dam; dam with lock
Cemetery; building
Windmill; water well; spring
Mine shaft; adit or cave; mine, quarry; gravel pit
Campground; picnic area; U.S. location monument
Ruins; cliff dwelling
Distorted surface: strip mine, lava; sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; intermediate
Stream, lake: perennial; intermittent
Rapids, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Scrub; mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request