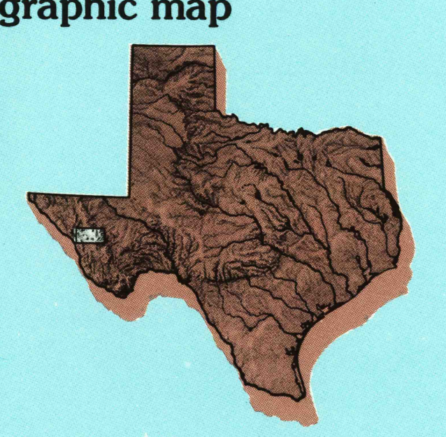
Mount Livermore
TEXAS–CHIHUAHUA

1:100 000-scale *metric* topographic map



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

1985

MOUNT LIVERMORE, TEXAS–CHIHUAHUA 30X60 MINUTE SERIES (TOPOGRAPHIC)

105°00′
31°00′
125 000 FEET (SOUTH CENTRAL)
575
600
45′
625
650
675
30′
700
725
750
15′
775
800
825
850 000 FEET (CENTRAL)
104°00′
500 000 FEET (CENTRAL)
1 175 000 FEET (SOUTH CENTRAL)
Landing Strip
Carrizo Mountains
Bass Can
HUDSPETH CO
CULBERSON CO
Eagle Flat Draw
Collado
Wylie Mountains
Lobo Valley
Wild Horse Draw
Water Tank
Plata Verde Mines
Radio Tower
Heliograph Hill
VAN HORN MOUNTAINS
High Lonesome Peak
Quarry
Green River
China Canyon
Lobo
Landing Strips
LEVEE
Chispa Mountain
INDEFINITE BOUNDARY
Roadside Park
Chispa
Mud Tank
Eagle Canyon
Spring
Wilson Canyon
Mesquite Spring
JEFF DAVIS CO
Sand Creek
Catclaw Spring
Quarries
Needle Peak
Caves
OLD RAILROAD GRADE
Baldy Tank
Ninetysix Spring
Ninetysix Canyon
Little Flattop
SIERRA VIEJA
North Mesa
Indian Peak
Rough Canyon
Star Mesa
Hog Canyon
Ash Spring
PRESIDIO CO
TEXAS
ESTADOS UNIDOS MEXICANOS
Rio Grande
UNITED STATES OF AMERICA
Lomas de Arena
El Picacho
El Papalote
Barrio Alto
Tres Alamos
Painted Spring
Chalk Gap
Clark Mountain
Van Horn Creek
Joho Canyon
Joho Spring
Vieja Canyon
Soldier Canyon
Soldier Spring
Soldier Mesa
Cottonwood Canyon
Willow Canyon
Vieja Spring
ZH Canyon
Knox Canyon
Knox Draw
Sitter Draw
Walnut Draw
Michigan Draw
Bunton Draw
Hogeye Mountain
China Draw
Indian Waterhole Draw
Right Wreck Draw
Left Hand Draw
Red Hill
Gap Mountain
Bronc Mule Hill
Flat Mesa
Joes Spring Draw
Panther Canyon
Home Hollow Draw
Boggy Draw
Boggy Canyon
Dickes Tank
Dam Fence Tank
Boracho Peak
Boracho Can
CULBERSON CO
JEFF DAVIS CO
Music Mountain
Horse Camp Peak
Herds Pass Spring
Herds Pass
Deer Tank
Arp Flat
Threemile Canyon
Twomile Canyon
Twomile Tank
Middle Tank
Eagle Tank
Redford Tank
Buzzard Roost Tank
Buzzard Roost Hills
DC Tank
Tulford Spring
Babcock Basin
Rincon Canyon
Sams Butte
Bare Mountain
Jones Draw
Jones Canyon
Sheep Camp Mountain
Phillips Canyon
Maxfield Hills
Ninemile Draw
Sacahuista Butte
Yates Draw
Yates Canyon
Garden Draw
Horseshoe Butte
Brushy Mountain
Spring Mountain
Baldy Mountain
Lonely Lee
El Muerto Spring
El Muerto Peak
Devils Can
Cracker Jack Draw
Y-6 Hills
Dowman Draw
Red Slough
Tally Slough
Moore Slough
HO Canyon
Valentine
Wood Canyon
Merrill
Medley
Quebec
Geronimo Mountain
Clovis Canyon
Round Mountain
Encantada Peak
Echo Can
Ash Spring
House Canyon
Rock Pass
Adobe Draw
Hawthicket Canyon
Hawthicket Spring
Moody Can
Prizer Canyon
Prizer Draw
Oak Spring
Onion Spring
Dipping Vat Spring
Falls Spring
Rattlesnake Draw
Willow Spring
Orchard Spring
Shelbarger Spring
Selman Canyon
Solomon Canyon
Mount Mc Elroy
Radio Facility
Buckhorn Canyon
Buckhorn Mountain
Bear Wallow Spring
Mud Spring
Indian Peak
Willow Canyon
Bonanza Spring
Old Tank Canyon
Friend Mtn
Buckley Canyon
Cherry Canyon
Grapevine Canyon
Robbers Roost Canyon
Robbers Roost Mountain
Bicycle Canyon
DAVIS MOUNTAINS
Bear Mtn
Flattop Mtn
Phillips Tank
The Knob
Tank Draw
Nunn Hill
Nunn Tank
Three Points
Nations Flat
Sheep Pasture Mountain
Broke Canyon
Beef Pasture Gap
Madera Canyon
Fisher Hill
Brown Canyon
Gavina Canyon
Ridge Canyon
Little Aguja
Spring Mountain
Guide Peak
Mc Daniel Mountain
Right Hand Creek
Pine Canyon
Lockes Gap
Elbow Canyon
Brown Mtn
Mount Locke
Mc Donald Observatory
Salcido Canyon
Indian Hill
Sawtooth Mountain
Bear Mountain
Whitetail Mountain
Pine Peak Spring
Pine Peak
Upper Spring
Tuly Spring
Tuly Canyon
Horn Spring
Bridge Spring
Toba Spring
Richman Mountain
Bridge Gap
Baldy Pk
Brooks Mountain
Mount Livermore
Limpia Spring
Limpia Creek
Limpia Canyon
Limpia Mountain
Santana Can
Deer Mountain
Gaging Sta
San Antonio Pass
Buck Mountain
Goat Canyon
Short Canyon
Pine Mesa
Paradise Mountain
Brushy Canyon
Jones Canyon
Blue Sheep Mountain
High Point
Brown Mountain
White Mountain
Blue Mtn
North Fork
Cienega Creek
Alamito Creek
Middle Fork
Bat Cave Canyon
Crows Nest Hill
Barrel Spring
Draw Windmill
Owls Nest Can
Burro Draw
Mine Mtn
Carpenter Mountain
Bull Pasture Hills
Ninemile Hill
Landing Strip
Water Tank
4WD
90
118
166
505
1523
2017
78
1025 000 FEET (SOUTH CENTRAL)
350 000 FEET (CENTRAL)
550 000 FEET (CENTRAL)
400 000 FEET (SOUTH CENTRAL)
30°30′

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 20 METERS IN U.S.

CONTOUR INTERVAL 20 METERS IN MEXICO

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

1000 0 5000 10 000 15 000 20 000 METERS

5000 0 10 000 20 000 30 000 40 000 50 000 60 000 70 000 FEET

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1993

MOUNT LIVERMORE, TEXAS–CHIHUAHUA
30104-E1-TM-100
1985

Produced by the United States Geological Survey

U.S. portion compiled from USGS 1:24 000-scale topographic maps dated 1972–1978. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked

Mexico portion derived from DGG 1:50,000-scale topographic maps dated 1978, Lomas De Arena H13B61

Map edited 1985

1927 North American Datum (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 13
25 000-foot ticks: Texas coordinate system, central and south central zones

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875. Mexico portion is NAD 27

CONTOUR INTERVAL 20 METERS IN THE UNITED STATES
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO NEAREST METER
CONTOUR INTERVAL 20 METERS IN MEXICO
DATUM IS MEAN SEA LEVEL

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

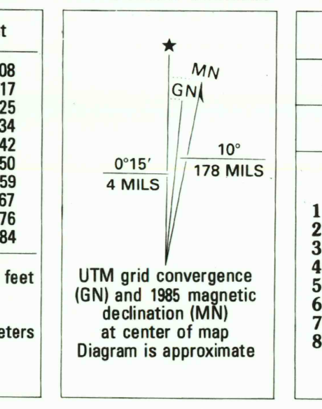
CONVERSION TABLE

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



MN
GN
0°15′
4 MILS
10°
178 MILS

UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 Sierra Blanca
2 Van Horn
3 Pecos
4 Indian Hot Springs
5 Fort Davis
6
7 Marfa
8 Alpine

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092 AND BY CENTRO DE INFORMACION Y VENTA, INSTITUTO NACIONAL DE ESTADISTICA GEOGRAFIA E INFORMATICA, BALDERAS No. 71, P.B., CP 15620 MEXICO, D.F.

USGS NMD HISTORICAL MAP ARCHIVES
NOV 18 1993
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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 ·155
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