UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAKE LUCERO QUADRANGLE
NEW MEXICO
7.5 MINUTE SERIES ORTHOPHOTOMAP (TOPOGRAPHIC)
NW/4 LAKE LUCERO 15' QUADRANGLE

4649 I SE (GARDNER PEAK)
4749 IV SE (HEART OF THE SANDS)
4749 IV SW (HEART OF THE SANDS SW)
4649 II NE (SAN ANDRES PEAK)
4749 III NE (LAKE LUCERO NE)
(BEAR PEAK) 4649 II SE
(LAKE LUCERO SE) 4749 III SE
(BENNETT MOUNTAIN) 4749 III SW

106°30′ 32°45′ 106°22′30″ 32°37′30″

OSCURA 69 MI
LAS CRUCES 37 MI

R4E R5E R6E

T 18 S
T 19 S

DOÑA ANA CO
OTERO CO

San Andres Canyon
SAN ANDRES Canyon
Ash

LAKE LUCERO
LAKE WHITE SANDS
WHITE SANDS DEPRESSION
NATIONAL MONUMENT
WHITE SANDS MISSILE RANGE
LAKE LUCERO
NATIONAL WILDLIFE REFUGE
NATIONAL WILDLIFE REFUGE BOUNDARY

Shifting Sand

Horn BM 4416
BM 4395
BM 4039
BM 4011
BM 3970
BM 3956
BM 4039
Lucero BM 3940
SW 30 BM 4231
Mar Water Well No 1
Geri BM 4130
Mar Water Well No 2
BM 4098
Drill Hole
BM 4021
BM 4038
BM 4066
BM 3993
BM 3977
BM 3955
Coker BM 4110
Well
Apache Site

BM 4011

Sections: 14, 13, 23, 24, 26, 25, 35, 36, 31, 1, 6, 5, 2, 3, 11, 12, 7, 8, 9, 10, 18, 17, 16, 15, 14, 13, 23, 24, 19, 20, 21, 22, 26, 25, 30, 29, 28, 27

Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and DMA

Topography by photogrammetric methods from aerial photographs taken 1972. Orthophotomosaic from aerial photographs taken 1971
Field checked 1975. Map edited 1982

Projection and 10,000-foot grid ticks: New Mexico coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 13
1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 51 meters east as shown by dashed corner ticks

Certain land lines are omitted because of insufficient data

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

GN MN 0°47′ 14 MILS 11° 196 MILS
UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
100-FOOT CONTOURS SHOWN IN SHIFTING SAND AREAS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NEW MEXICO
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982

LAKE LUCERO, N. MEX.
NW/4 LAKE LUCERO 15′ QUADRANGLE
N3237.5—W10622.5/7.5

1982

DMA 4749 III NW—SERIES V881

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES

JAN 18 1984

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