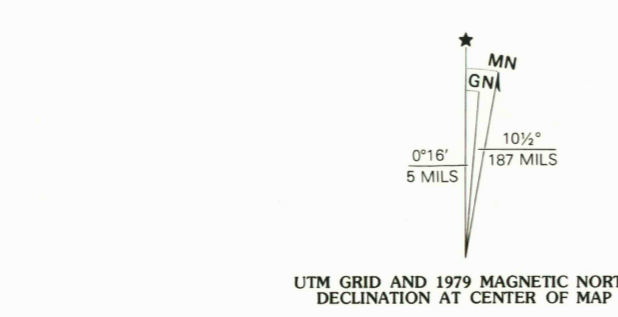


Produced by the Geological Survey  
in cooperation with the Soil Conservation Service  
Compiled from USGS 1:24 000 and 1:52 500-scale topographic  
maps dated 1939-1974 and from advance materials  
See index for dates of individual maps  
Partially revised from aerial photographs taken 1975 and  
other source data. Revised information not field checked  
Map edited 1979  
Projection and 10 000-meter grid, zone 13  
Universal Transverse Mercator  
50 000-foot grid ticks based on New Mexico coordinate  
system, east and central zones. 1927 North American datum  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

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12. Antelope Canyon - Adv. mat.  
13. Dunes - Adv. mat.  
14. Dunes - Adv. mat.  
15. Dunes - Adv. mat.  
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23. Dunes - Adv. mat.



SCALE 1:100 000  
0 1 2 3 4 5 6 7 8 9 10  
KILOMETERS  
0 1 2 3 4 5  
MILES  
5000 10000 15000 20000 25000  
FEET  
CONTOUR INTERVAL 20 METERS  
NATIONAL GEODESIC VERTICAL DATUM OF 1989  
To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048



LEGEND

Perennial stream, lake	.....	.....
Intermittent stream, lake	.....	.....
Village or locality	.....	.....
Landmark structure	.....	.....
Public park or recreation area	.....	.....
Forest or game land area	.....	.....
Other public area or Military or Indian reservation	.....	.....

ROAD CLASSIFICATION

Primary highway, hard surface	.....
Secondary highway, hard surface	.....
Light-duty road, hard or improved surface	.....
Street or other road	.....
Trail	.....

Interstate route U.S. route State route