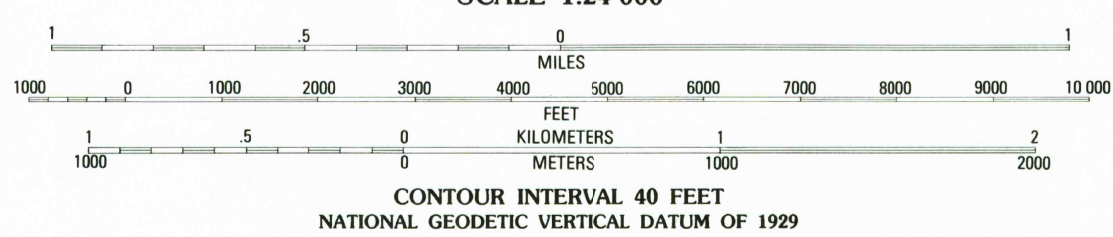
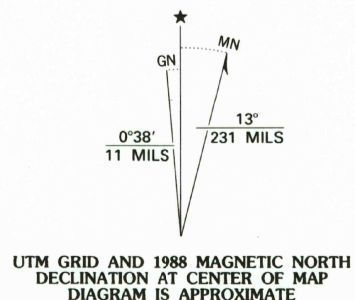




Produced by the United States Geological Survey

Control by USGS and NOS/NOAA  
Compiled by photogrammetric methods from aerial photographs taken 1982. Field checked 1985. Map edited 1988  
Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)  
1000-meter Universal Transverse Mercator grid, zone 12  
1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 66 meters east as shown by dashed corner ticks  
Where omitted, land lines have not been established  
There may be private inholdings within the boundaries of the National or State reservations shown on this map



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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ROAD CLASSIFICATION	
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

USGS HISTORICAL MAP ARCHIVES  
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PHANTOM RANCH, ARIZ.  
SE4 BRIGHT ANGEL 15' QUADRANGLE  
36112-A1-TF-024  
1988  
DMA 3556 II SE-SERIES V898

