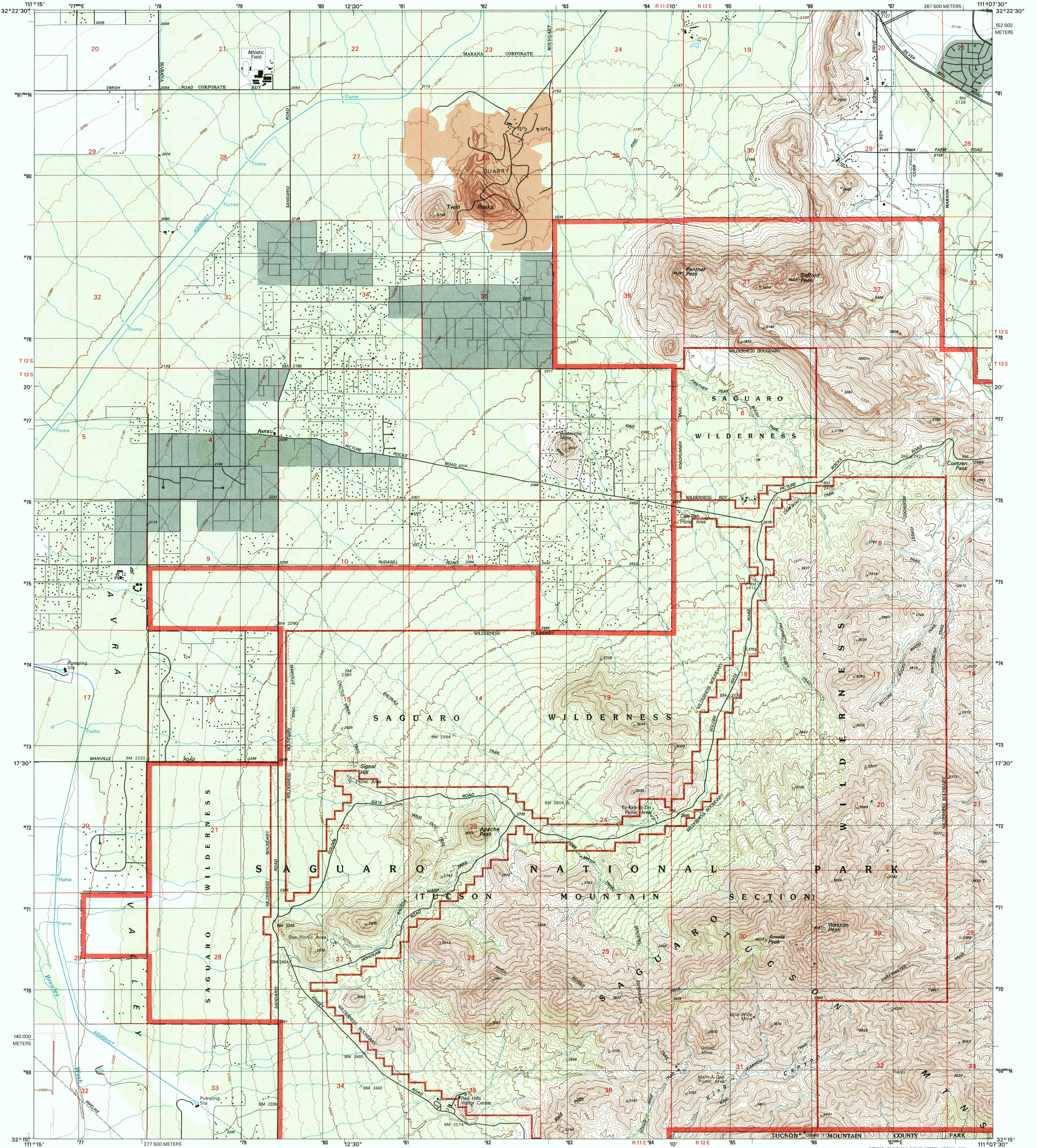


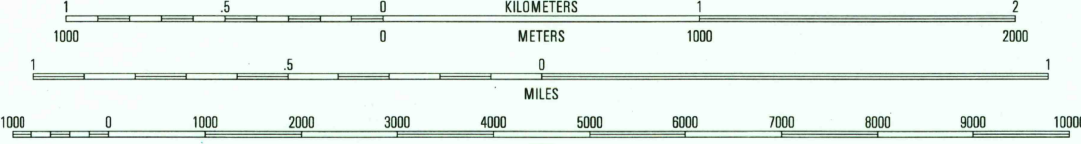
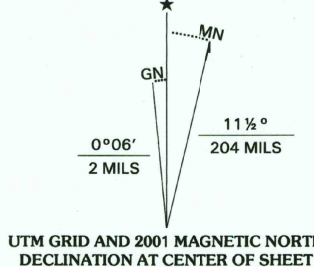


Produced by the United States Geological Survey

Topography compiled 1966. Planimetry derived from imagery taken 1996 and other sources. Public Land Survey System and survey control current as of 1968. Boundaries current as of 2000. North American Datum of 1983 (NAD 83). Projection and 1000-meter grid: Universal Transverse Mercator, zone 12. 2 500-meter ticks: Arizona Coordinate System of 1983 (central zone).

North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.

There may be private inholdings within the boundaries of the National or State reservations shown on this map. Houses of worship, schools, and other labeled buildings verified 1968.



SCALE 1:24 000  
CONTOUR INTERVAL 20 FEET  
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

|   |   |   |                  |
|---|---|---|------------------|
| 1 | 2 | 3 | 1 West of Marana |
| 4 | 5 | 6 | 2 Marana         |
| 7 | 8 | 9 | 3 Ruelas Canyon  |
|   |   |   | 4 West of Avra   |
|   |   |   | 5 Avra           |
|   |   |   | 6 Cococque Butte |
|   |   |   | 7 Brown Mountain |
|   |   |   | 8 Cat Mountain   |

ADJOINING 7.5' QUADRANGLE NAMES

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

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HISTORICAL MAP ARCHIVES

AVRA, AZ  
1996

NIMA 3848 III NE-SERIES V898

