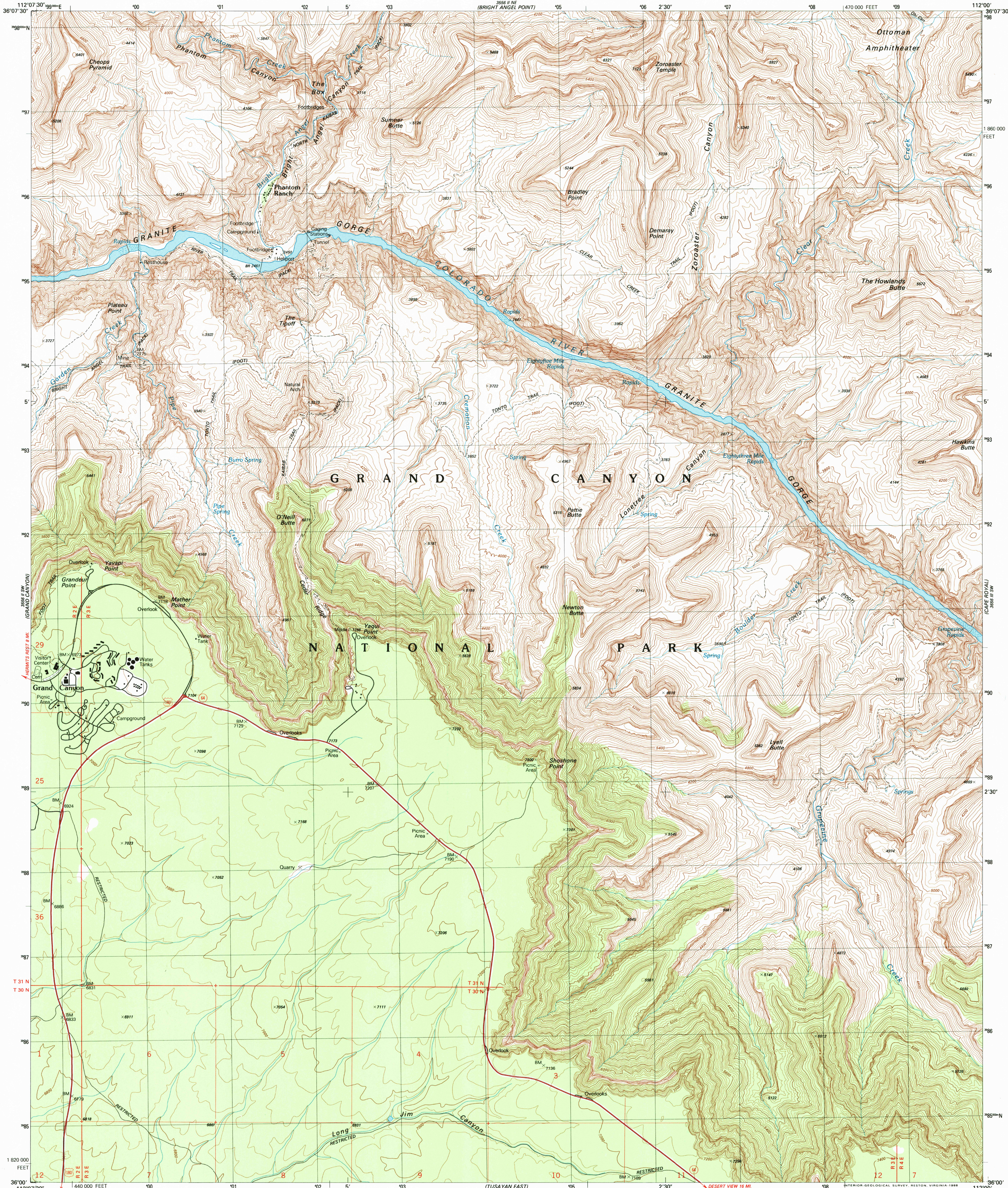


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PHANTOM RANCH QUADRANGLE
ARIZONA-COCONINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE4 BRIGHT ANGEL 15' QUADRANGLE



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)

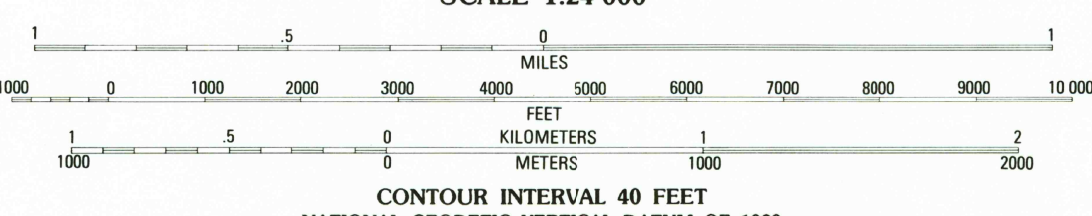
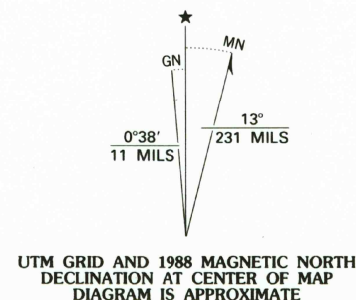
1000-meter Universal Transverse Mercator grid, zone 12

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

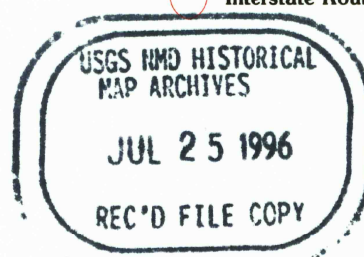
Where omitted, land lines have not been established

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
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

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



PHANTOM RANCH, ARIZ.
SE4 BRIGHT ANGEL 15' QUADRANGLE
36112-AI-TF-024
1988
DMA 3556 II SE-SERIES V898

