



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOS/NOAA, IBC AND DGG  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1961  
FIELD CHECKED 1965  
LIMITED REVISION FROM AERIAL PHOTOGRAPHS TAKEN 1965  
FIELD CHECKED 1988. MAP EDITED 1990  
PROJECTION TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 12  
16,000 FOOT STATE GRID TICKS ARIZONA, WEST ZONE  
UTM GRID DECLINATION 1°30' WEST  
1990 MAGNETIC NORTH DECLINATION 12°30' EAST  
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(6 meters south and 70 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
Where omitted, land lines have not been established  
Public Land Survey System is shown as published in 1965 and  
verified or supplemented in 1988

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check.



SCALE 1:24 000  
KILOMETERS 0 1 2  
METERS 0 1000 2000  
MILES 0 1  
FEET 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 20 FEET IN THE UNITED STATES  
CONTOUR INTERVAL 20 METERS IN MEXICO

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by .3048

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND BY CENTRO DE ASESORIA Y VENTA DE INFORMACION ESTADISTICA Y CARTOGRAFICA  
BALDERAS #71, MEZZANINE, MEXICO 1, D.F.  
A FOLDER DESCRIBING U.S. TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE FROM USGS

ROAD LEGEND

Improved Road  
Unimproved Road  
Trail

Interstate Route U.S. Route State Route Mexico Route

QUADRANGLE LOCATION

1	2	3	1 Coyote Water
		2	2 Cabeza Prieta Peak
		3	3 Christmas Pass
4		4	4 Sierra de la Lechuguilla
		5	5 Sierra Arida
		6	
6	7	8	
		7	
		8	

ADJOINING 7.5' QUADRANGLE NAMES

ARIZONA

QUADRANGLE LOCATION

1 2 3 4 5 6 7 8

ADJOINING 7.5' QUADRANGLE NAMES

TULE MOUNTAINS, ARIZ.-SON.  
PROVISIONAL EDITION 1990  
82113-B7-TF-024

USGS AND HISTORICAL MAPS  
JUL 10 1991  
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