



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY U.S.G.S. NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1957  
PLANETABLE SURVEYS . . . . . 1960  
LIMITED REVISION FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1964  
FIELD CHECKED . . . . . 1987  
MAP EDITED . . . . . 1989  
PROJECTION . . . . . TRANSVERSE MERCATOR  
GRID . . . . . 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 12  
10000-FOOT STATE GRID TICKS . . . . . ARIZONA, EAST ZONE  
UTM GRID DECLINATION . . . . . 0° 39' EAST  
1989 MAGNETIC NORTH DECLINATION . . . . . 11° 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  
(4 meters south and 60 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 1960 and  
verified or supplemented in 1987.

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Informa-  
tion shown as of date of  
field check. T

SCALE 1:24 000

1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000  
KILOMETERS  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000  
FEET

CONTOUR INTERVAL 20 FEET  
To convert feet to meters multiply by .3048  
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

ROAD LEGEND  
Improved Road . . . . .  
Unimproved Road . . . . .  
Trail . . . . .  
Interstate Route U.S. Route State Route

BONITA TANK, ARIZONA  
PROVISIONAL EDITION 1989  
3109-B7-TF-024

ADJOINING 7.5' QUADRANGLE NAMES

1	2	3	1 Tule Lake
2	3	4	2 Point of Pines West
3	4	5	3 Point of Pines East
4	5	6	4 Gila Peak
5	6	7	5 Park Creek Cabana
6	7	8	6 Fort Thomas
7	8		7 Marham Creek
8			8 Sweet Mountain

QUADRANGLE LOCATION

ARIZONA

REC'D FILE COPY  
APR 09 1990  
U.S. GEOLOGICAL SURVEY