

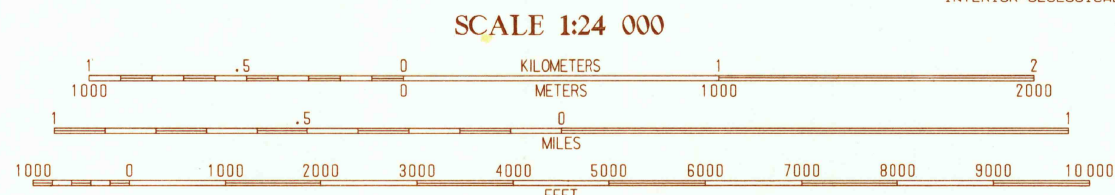
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BLACK BUTTE QUADRANGLE  
ARIZONA-MARICOPA CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY . . . USGS NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . 1951 AND 1960  
FIELD CHECKED . . . 1962  
LIMITED REVISION FROM AERIAL PHOTOGRAPHS TAKEN . . . 1984  
FIELD CHECKED . . . 1986  
MAP EDITED . . . 1990  
PROJECTION . . . TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
UTM: 1000-METER STATE GRID TICKS . . . ARIZONA, CENTRAL ZONE  
12  
1000-FOOT STATE GRID TICKS . . . 109 WEST  
1983 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  
(2 meters south and 68 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
No distinction made between houses, barns, and other buildings  
Public Land Survey System is shown as published in 1962 and  
verified or supplemented in 1986

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



CONTOUR INTERVAL 40 FEET  
SUPPLEMENTARY 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

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND  
Improved Road . . . . .  
Unimproved Road . . . . .  
Trail . . . . .  
Interstate Route . . . . .  
U.S. Route . . . . .  
State Route . . . . .  
BLACK BUTTE, ARIZONA  
PROVISIONAL EDITION 1990  
3313-G1-TF-024

