



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 . . . . . 1985  
FIELD CHECKED . . . . . 1987  
MAP EDITED . . . . . 1990  
PROJECTION . . . . . TRANSVERSE MERCATOR  
GRID . . . . . 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
GRID . . . . . ARIZONA, WEST ZONE  
10000-FOOT STATE GRID TICKS . . . . . ARIZONA, WEST ZONE  
UTM GRID DECLINATION . . . . . 12°30' EAST  
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  
(2 meters south and 71 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 1962 and  
verified or supplemented in 1987

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



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

USGS NMD HISTORICAL MAP  
MAR 15 1991  
REC'D FILE COPY

QUADRANGLE LOCATION

2	3	1	Box Peak
4	5	2	Utting
6	7	3	Fan of Utting
		4	Pinnac Peak
		5	Vicksburg
		6	Crystal Hill
		7	New Water Mountains
		8	New Water Well

ADJOINING 7.5' QUADRANGLE NAMES

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

**BEAR HILLS, ARIZONA**  
PROVISIONAL EDITION 1990