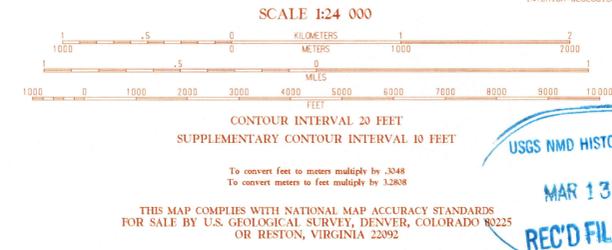


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY . . . . . USGS, NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1961  
FIELD CHECKED . . . . . 1965  
LIMITED REVISION FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1985  
FIELD CHECKED . . . . . 1988  
MAP EDITED . . . . . 1989  
PROJECTION . . . . . TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 12  
6000-FOOT STATE GRID TICKS . . . . . ARIZONA, CENTRAL ZONE  
UTM GRID DECLINATION . . . . . 13° 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  
(5 meters south and 68 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. T



USGS NMD HISTORICAL MAP  
MAR 13 1991  
REC'D FILE COPY

ROAD LEGEND

Improved Road . . . . .  
Unimproved Road . . . . .  
Trail . . . . .

○ Interstate Route ○ U.S. Route ○ State Route

QUADRANGLE LOCATION

1	2	3	1 Sentinel St
2	3	4	2 Sentinel St
3	4	5	3 South of Theta
4	5	6	4 South of Sentinel
5	6	7	5 Midway NW
6	7	8	6 Cize Well
7	8	9	7 East Pass
8	9	10	8 Midway SW

MALPAIS HILL, ARIZONA  
PROVISIONAL EDITION 1990

3213-FI-TT-024