



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1979  
FIELD CHECKED 1980 MAP EDITED 1986  
PROJECTION TRANSVERSE MERCATOR  
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 12  
1000-FOOT STATE GRID TICKS ARIZONA, CENTRAL ZONE  
UTM GRID DECLINATION 1977 WEST  
1986 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  
(4 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  
All marginal data and lettering generated and positioned by  
automated type placement procedures

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

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET  
SUPPLEMENTAL CONTOUR INTERVAL 5 FEET

USGS NMD HISTORICAL MAP  
2000  
MAY 0 1 1986  
REC'D FILE COPY

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

QUADRANGLE LOCATION

1	2	3	1 Sentinel Peak
			2 Sentinel NE
			3 Thoburn
			4 Sentinel S
			5 South of Sentinel
			6 South of Sentinel
			7 Midway Hill
			8 Midway NW

ADJOINING 7.5 QUADRANGLE NAMES

SENTINEL SE, ARIZONA  
PROVISIONAL EDITION 1986

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