



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY: USGS, NORTON  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1962  
FIELD CHECKED: 1985 MAP EDITED: 1988  
PROJECTION: TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
100,000-FOOT STATE GRID TICS: ARIZONA, CENTRAL ZONE  
UTM GRID DECLINATION: 13° EAST  
1988 MAGNETIC NORTH DECLINATION: 13° WEST  
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 north and 68 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
Land lines have not been established in this area

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
photography. 1

SCALE 1:24 000  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
MILES  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
FEET  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
METERS  
CONTOUR INTERVAL 40 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	1	Hilton Tank
2	3	4	2	Kanab Point
3	4	5	3	Fishall Mesa
4	5	6	4	S. B. Point
5	6	7	5	Fossil Bay
6	7	8	6	Yumthaska Point
7	8	9	7	Sepul
8	9	10	8	Towago Hilltop

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND  
Improved Road  
Unimproved Road  
Trail  
Interstate Route  
U.S. Route  
State Route  
HAVASU FALLS, ARIZONA  
PROVISIONAL EDITION 1988  
36112-C6-TF-024

SEP 15 1988  
RECD FILE COPY  
JSSS MAPS HISTORICAL MAP