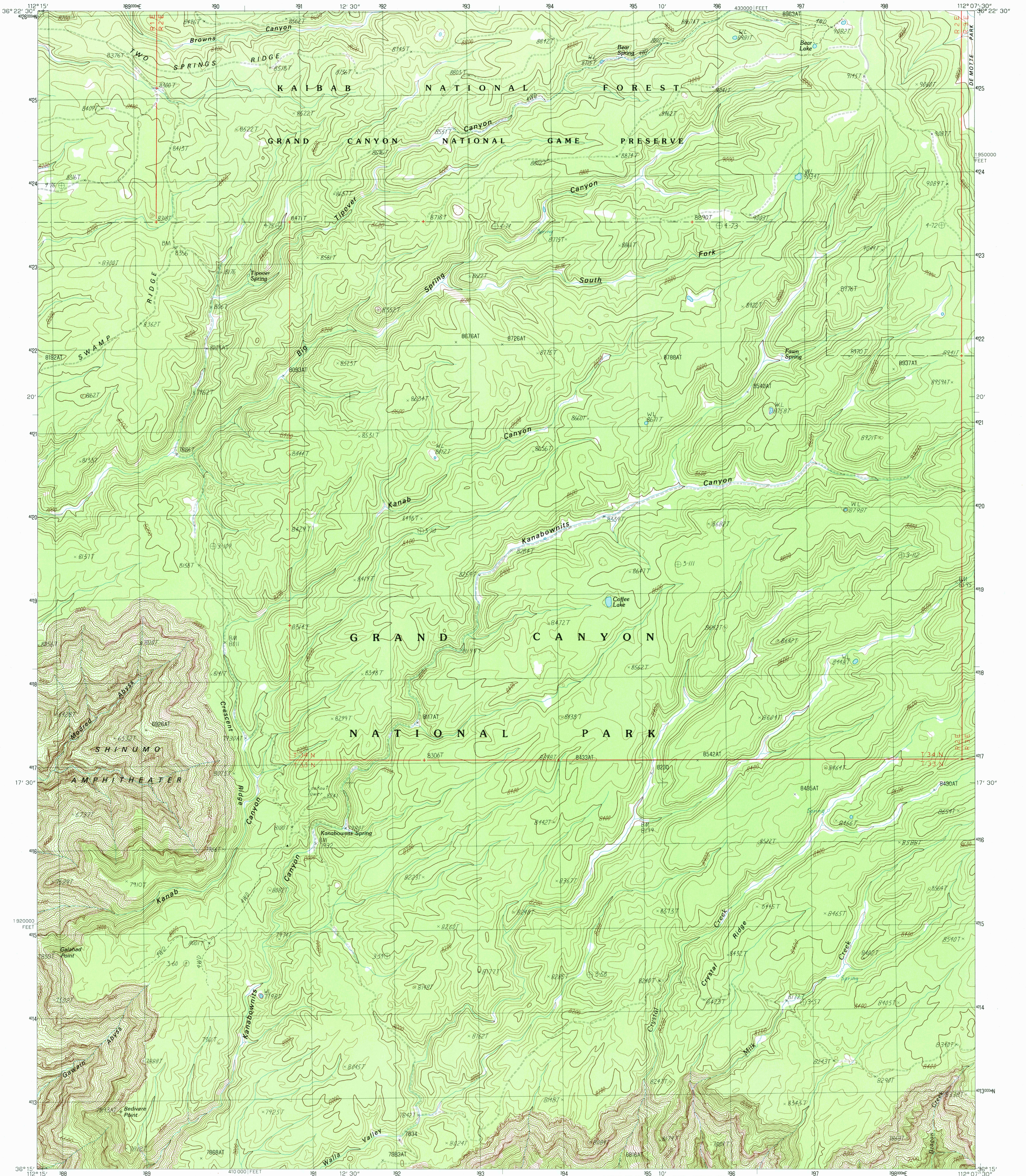




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1982
FIELD CHECKED 1984 MAP EDITED 1988
PROJECTION TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 12
6000-FOOT STATE GRID TICKS ARIZONA CENTRAL ZONE
UTM GRID DECLINATION 0°42' WEST
1988 MAGNETIC NORTH DECLINATION 13° 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
(6 meters north and 66 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
Where omitted, land lines have not been established

PROVISIONAL MAP
Produced from original
manuscript drawings. Informa-
tion shown as of date of
photography. 1

SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

1 0.5 1 1.5 2
KILOMETERS

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

ROAD LEGEND

Improved Road
Unimproved Road
Trail

Interstate Route U.S. Route State Route

QUADRANGLE LOCATION

1	2	3	1. Timb Point
			2. De Motte Park
4		5	3. Dog Point
			4. King Arthur Castle
			5. Little Park Lake
			6. Havasupai Point
6	7	8	7. Silver Temple
			8. Bright Angel Point

ADJOINING 7.5' QUADRANGLE NAMES

KANABOWNITS SPRING, ARIZONA
PROVISIONAL EDITION 1988

36112-C2-TF-024

NOV 14 1988

USGS NMHD HISTORICAL MAP

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