UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GRAND FALLS SW QUADRANGLE
ARIZONA – COCONINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3754 IV NE (RODEN CRATER)

3754 I NE (GRAND FALLS NE)

111°15′ — 111°07′30″ — 35°22′30″ — 35°15′

R. 11 E.

GRAND FALLS 4.5 MI.

3754 I NW (GRAND FALLS)

1 590 000 FEET

1 550 000 FEET

700 000 FEET

N A V A J O

I N D I A N R E S E R V A T I O N

T. 23 N.
T. 22 N.

FLAGSTAFF 32 MI.
WINONA INTERSTATE 40) 17 MI.

3754 IV SE (MERRIAM CRATER)

(GRAND FALLS SE) 3754 I SE

SUNRISE 8 MI.
LEUPP CORNER (INTERSTATE 40) 26 MI.

(ANGELL) 3754 III NE

(BABBITT WASH) 3754 II NW

(CANYON DIABLO) 3754 II NE

ANGELL 7 MI.

Ruins 4746

Merriam Az

Gravel Pits

Gravel Pit

Catchment Basin

Water Tank

WT

LEUPP

ROAD

PIPELINES

BM 5575
BM 5609
BM 5529
BM 5510
BM 5468
BM 5430
BM 5325
BM 5252
BM 5186
BM 5116

San Francisco Wash

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1968. Field checked 1969

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines

Where omitted, land lines have not been established

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°06′ 2 MILS 14½° 258 MILS

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

ARIZONA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route U. S. Route State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAY 17 1972
USGS HISTORICAL FILE TOPOGRAPHIC DIVISION
2655

GRAND FALLS SW, ARIZ.
N3515—W11107.5/7.5
1969
AMS 3754 I SW—SERIES V898
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.— 1972