UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALAMO SPRING QUADRANGLE
ARIZONA–SONORA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 RUBY 15' QUADRANGLE

3746 IV NE (BARTLETT MTN.)
3746 I NW (RUBY)
3746 I NE (PEÑA BLANCA LAKE)
3746 I SE (PAJARITO PEAK)
3746 I SW (LA BELLOTOSA)

111°15′ 31°22′30″ 477 000mE 478 479 480 12′30″ 481 482 483 484 10′ 485 740 000 FEET 487 111°07′30″ 31°22′30″

3470 000mN 3469 3468 3467 20′ 3466 3465 3464 3463 3462 17′30″ 3461 3460 100 000 FEET 3459 3458 000mN 31°15′

T 24 S R 11 E R 12 E

RUBY 12 MI. EL CUMARAL

130 000 FEET

710 000 FEET

Produced by the United States Geological Survey

Control by USGS, NOS/NOAA, International Boundary and Water Commission, and Dirección General de Geografía del Territorio Nacional (DIGETENAL)

U. S. portion compiled by photogrammetric methods from aerial photographs taken 1975. Field checked 1976. Map edited 1980
Mexico portion copied from DIGETENAL 1:50 000-scale map, La Bellotosa H12A39 dated 1979

Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 10 meters south and 63 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN 0°06′ 2 MILS 12½° 222 MILS
UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET IN THE UNITED STATES
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTOUR INTERVAL 20 METERS IN MEXICO
DATUM IS MEAN SEA LEVEL

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
AND BY CENTRO DE ASESORIA Y VENTA DE INFORMACIÓN ESTADÍSTICA Y CARTOGRÁFICA
BALDERAS #71, MEZZANINE, MÉXICO 1, D.F.
A FOLDER DESCRIBING U.S. TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE FROM USGS

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 · Mexico Routes

ALAMO SPRING, ARIZ.–SONORA
SW/4 RUBY 15' QUADRANGLE
N3115–W11107.5/7.5

1980

DMA 3746 I SW—SERIES V898

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980