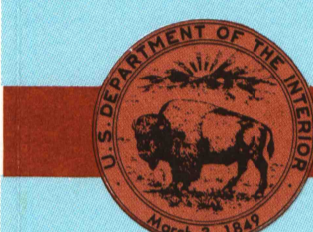


30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1979

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1945-1967. Planimetry revised from aerial photographs taken 1972 and other source data. Revised information not field checked. Map edited 1979.

1927 North American Datum (NAD 27). Projection and 10 000-meter-grid: Universal Transverse Mercator, zone 12. 25 000-foot ticks: Arizona coordinate system west and central zones.

The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.

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

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY,
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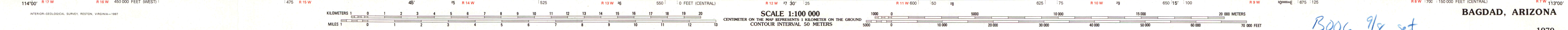
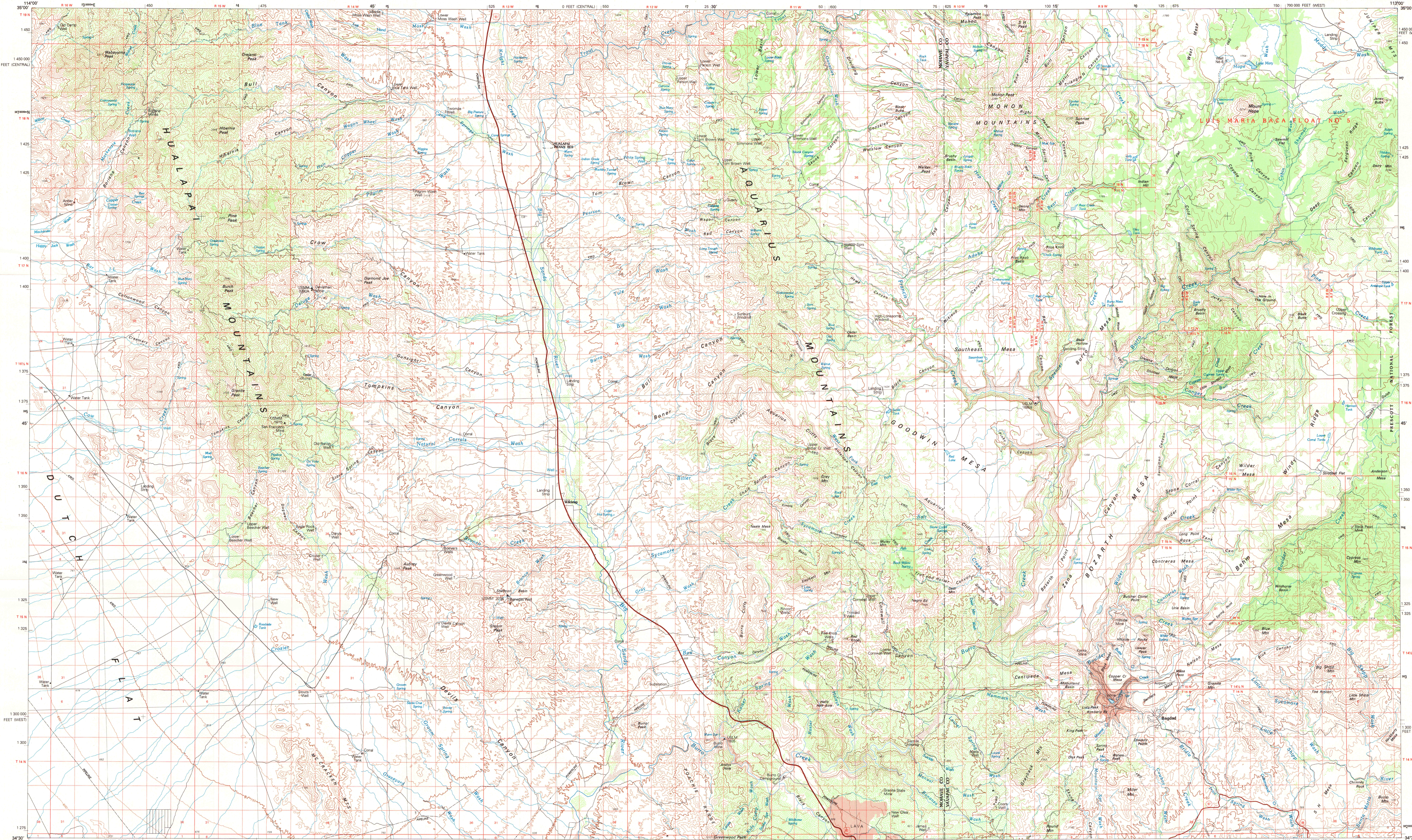
CONVERSION TABLE	DECLINATION DIAGRAM	ADJOINING MAPS																															
<table border="1"> <tr><th>Meters</th><th>Feet</th></tr> <tr><td>1</td><td>3.2808</td></tr> <tr><td>2</td><td>6.5617</td></tr> <tr><td>3</td><td>9.8425</td></tr> <tr><td>4</td><td>13.1234</td></tr> <tr><td>5</td><td>16.4043</td></tr> <tr><td>6</td><td>19.6852</td></tr> <tr><td>7</td><td>22.9660</td></tr> <tr><td>8</td><td>26.2469</td></tr> <tr><td>9</td><td>29.5278</td></tr> <tr><td>10</td><td>32.8087</td></tr> </table>	Meters	Feet	1	3.2808	2	6.5617	3	9.8425	4	13.1234	5	16.4043	6	19.6852	7	22.9660	8	26.2469	9	29.5278	10	32.8087		<table border="1"> <tr><th>1</th><th>2</th><th>3</th></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table>	1	2	3	4	5	6	7	8	9
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To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence (8th and 10th magnetic declination (MM) at center of map
 Diagram is approximate

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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Road marker, Interstate, U. S. State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Tunnel: road; railroad
- Built up area, locality, elevation
- Adopted: landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line: protracted
- Power transmission line, pipeline
- Dam; dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Distorted surface: arid, mine, lava, sand
- Contour: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids; large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Srub; mangrove
- Orchard; vineyard



Boog 9/4 set