

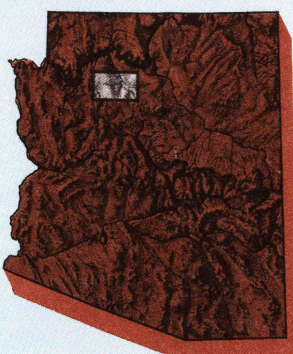


1983

## Valla

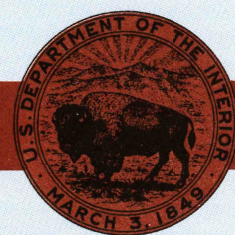
## Yella

## ARIZONA



**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

1983

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1962-1981. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1983  
Projection and 10 000-meter grid, zone 12.  
Universal Transverse Mercator  
25 000-foot grid ticks based on Arizona coordinate system.  
Central zone of 1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 4 meters north and 67 meters east  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 25 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| CONVERSION TABLE |         |
|------------------|---------|
| Meters           | Feet    |
| 1                | 3.2808  |
| 2                | 6.5617  |
| 3                | 9.8425  |
| 4                | 13.1234 |
| 5                | 16.4042 |
| 6                | 19.6850 |
| 7                | 22.9659 |
| 8                | 26.2467 |
| 9                | 29.5276 |
| 10               | 32.8084 |

**DECLINATION DIAGRAM**

GN  
M/N  
0°33'  
16 MILS  
240 MILS

| ADJOINING MAPS |   |   |
|----------------|---|---|
| 1              | 2 | 3 |
| 4              | 5 |   |
| 6              | 7 | 8 |

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

1 Mount Trumbull  
2 Grand Canyon  
3 Tuba City  
4 Peach Springs  
5 Cameron  
6 Valentine  
7 Williams  
8 Flagstaff

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

## Topographic Map Symbols

|                                                              |  |
|--------------------------------------------------------------|--|
| Primary highway, hard surface                                |  |
| Secondary highway, hard surface                              |  |
| Light duty road, principal vehicle, hard or improved surface |  |
| Other road or street, trail                                  |  |
| Route marker: Interstate, U. S., State                       |  |
| Railroad: standard gauge, narrow gauge                       |  |
| Bridge: overpass; underpass                                  |  |
| Tunnel: road, railroad                                       |  |
| Built up area; locally, elevation                            |  |
| Airport, 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          |  |
| Power transmission, section line                             |  |
| Power transmission line, pipeline                            |  |
| Dam; dam with lock                                           |  |
| Cemetery: building                                           |  |
| Windmill; water well; spring                                 |  |
| Shelter; shack; adobe; mica, quartz, gravel pit              |  |
| Campground; picnic area; U. S. location monument             |  |
| Ruin; cliff dwelling                                         |  |
| Distorted surface: strip mine, lava, sand                    |  |
| Contours: index, intermediate; supplementary                 |  |
| Bathymetric contours; index, intermediate                    |  |
| Stream, lake; perennial, intermittent                        |  |
| Rapids, large and small; falls, large and small              |  |
| Apes to be submerged; marsh, swamp                           |  |
| Land subject to controlled inundation; woodland              |  |
| Swamp; mangrove                                              |  |
| Orchard; vineyard                                            |  |

A pamphlet describing topographic maps is available on request.