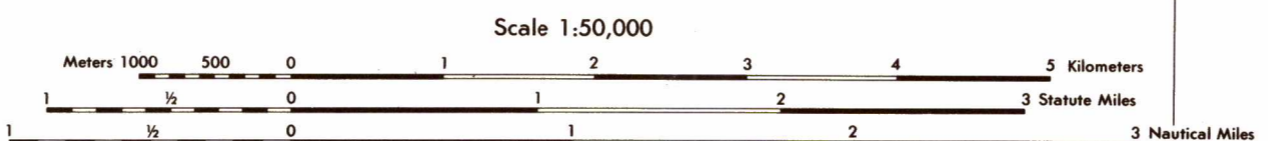


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LEGEND
MAP INFORMATION AS OF 1973
ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH

- ROADS**
 - Divided highway with median strip
 - Primary all weather, hard surface, two or more lanes wide
 - Secondary all weather, hard surface, two or more lanes wide
 - Light duty, all weather, hard or improved surface
 - Fair or dry weather, unpaved surface
 - Trail
 - Route markers: Interstate, Federal, State
 - Railroads: Standard gauge: 1.4m (4'8 1/2")
 - Single track
 - Multiple track
 - Railroad station: Position known; Position unknown
 - Car line
 - National
 - State, territory
 - County, parish, municipio
 - Civil township, precinct, town, barrio
 - Incorporated city, village, town, hamlet
 - Reservation: National, state, military
 - Power transmission line
- Buildings or structures**
 - Church; School
 - Tank; Fort
 - Windmill; Watermill
 - Mines: Horizontal shaft; Vertical shaft
 - Mine, prospect
 - Open pit mine or quarry, inactive
 - Open pit mine or quarry, active
 - Horizontal control station
 - Bench mark, non-monumented
 - Spot elevations in meters: Checked; Unchecked
 - Woodland, scrub
 - Orchard; Vineyard
 - Intermittent lake and stream; Wash
 - Dam; Masonry, earthen
 - Marsh or swamp
 - Rapids; Falls; Large rapids
 - Spring; Well; Large falls

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOURS 20 METERS

SPHEROID: CLARKE 1866
GRID: 1,000 METER UTM ZONE 12 (BLACK NUMBERED LINES)
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL BY: USGS AND NOS/NOAA
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100 METER REFERENCE

- Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3
- Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6
Example: 123456

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION. Example: WL123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION. Example: 12SW123456

GRID CONVERGENCE 0°20' (6 MMS) FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
SUBTRACT G-M ANGLE

ELEVATION GUIDE

ADJOINING SHEETS

3948 I	3948 IV	3948 I
3948 II	3948 III	3948 II
3947 I	3947 IV	3947 I

BOUNDARIES

PIMA COUNTY COCHISE COUNTY

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 693-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-9003

THIS MAP IS RED-LIGHT READABLE

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