

Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1996

**LEGEND**

**POPULATED PLACES**  
 Densely built-up areas  
 Sparsely to moderately built-up areas

**ROADS**  
 Divided highway  
 All weather, hard surface  
 Two or more lanes wide  
 One lane wide  
 All weather, loose or light surface  
 Two or more lanes wide  
 One lane wide

**RAILROADS**  
 Normal gauge 1.44m (4'8")  
 Narrow gauge 0.91m (3')  
 Electrified

**BRIDGES**  
 Pedestrian  
 Standard  
 Culvert

**MISCELLANEOUS CULTURAL FEATURES**  
 Cemetery  
 Building, School, Hospital  
 Located object: Tank, Well  
 Minor: Active, Abandoned  
 Area name: Cowboy Rim

**OBSTRUCTIONS**  
 Elevation of obstruction top above sea level  
 Elevation of obstruction top above ground level  
 High tension power line communication tower

**BOUNDARIES**  
 International  
 First-order administrative division

**RELIEF**  
 Bluff, cliff, escarpment  
 Depression  
 Level  
 Spot elevations  
 Highest: Normal  
 \*2232

**STREAMS**  
 Less than 25m wide  
 Over 25m wide  
 Lake/pond  
 Spring  
 Well  
 Ditch  
 Less than 25m wide  
 Over 25m wide  
 Tank  
 Disappearing stream  
 Land subject to inundation

**VEGETATION**  
 Scattered trees  
 Orchard, Vineyard

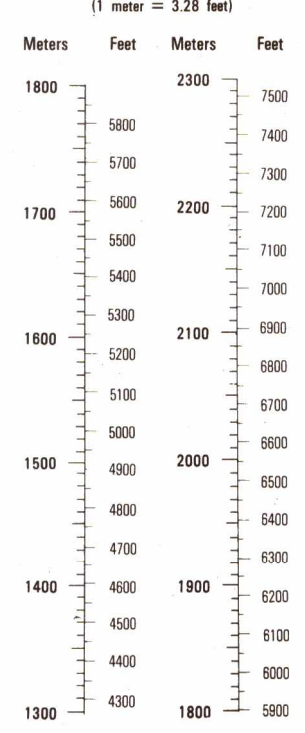
**NOTES**

A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE. ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION. IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.

NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

**CONVERSION GRAPH**



**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 40 METERS**

**ELLIPTICOID**  
 WORLD GEODETIC SYSTEM 1984  
 1,000-METER UTM ZONE 17 (BLACK NUMBERED LINES)  
 5,000-METER STATE GRID TILES, NEW MEXICO (WEIGHT ZONES)  
 TRANSVERSE MERCATOR  
 PROJECTION  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984  
 PREPARED BY: U.S. GEOLOGICAL SURVEY  
 PRINTED BY: NIMA 3-90

**SAMPLE 1,000 METER GRID SQUARE**

**100 METER REFERENCE**

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12.3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45.8

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER IDENTIFICATION IN WHICH THE POINT LIES.

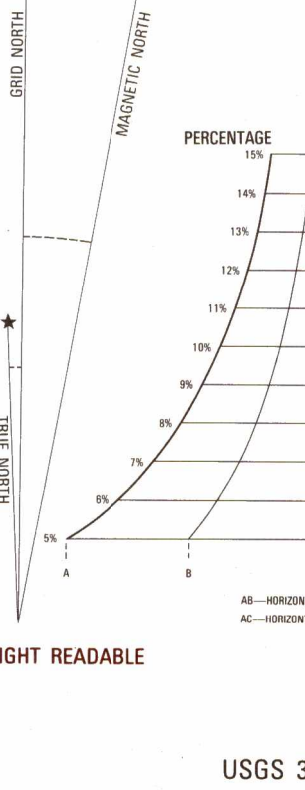
Example: 123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-8899, COMMERCIAL: 1-301-266-8622, OR WRITE TO: ATTN: COD, MAIL STOP P-37, NATIONAL IMAGERY AND MAPPING AGENCY, 4800 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

**SLOPE GUIDE**



**BOUNDARIES**

**ADJOINING SHEETS**

4247 IV	4247 I	4247 II
4247 III	4247 II	4247 III
4246 IV	4246 I	4246 II

Sheet 4247 II falls within N12-3 (1:50,000)

