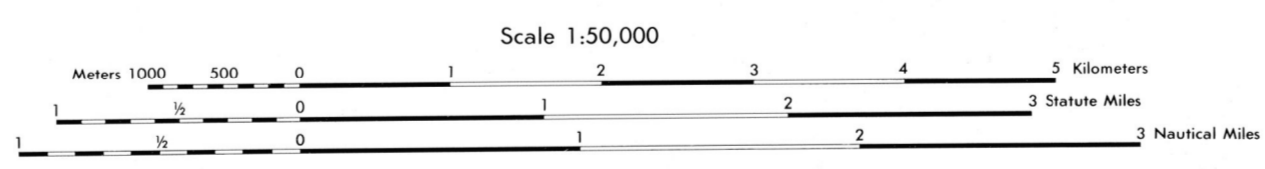


Prepared under the direction of the Department of Defense and published by the U.S. Army Topographic Command, Washington, D.C.



**LEGEND**  
MAP INFORMATION AS OF 1964  
IN DEVELOPED AREAS, ONLY THOSE ARE CLASSIFIED

|  |   |
|--|---|
| Hard surface, heavy duty road, four or more lanes wide           | Power transmission line                 |
| Hard surface, heavy duty road, two lanes wide, three lanes wide  | Buildings or structures                 |
| Hard surface, medium duty road, four or more lanes wide          | Church, school                          |
| Hard surface, medium duty road, two lanes wide, three lanes wide | Windmill, wind pump, Watermill          |
| Improved light duty road, street                                 | Mines: Horizontal shaft, Vertical shaft |
| Unimproved dirt road   | Open pit mine or quarry                 |
| Trail  | Horizontal control station              |
| Route markers: Interstate, Federal, State                        | Bench mark, non-monumented              |
| RAILROADS  | Bench mark, monumented                  |
| Standard gauge   | BM 792                                  |
| Narrow gauge   | BM 431                                  |
| BOUNDARIES   | Scrub, Orchard                          |
| National   | Intermittent lake                       |
| State (with monument)  | Intermittent stream, Dam                |
| County   | Marsh or swamp                          |
| Corporate limits   | Rapids, Falls                           |
| Military reservation   | Large rapids, large falls               |
| Other reservation  |   |

**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 20 METERS**

**SPHEROID:** CLARKE 1866  
**GRID:** 1,000 METER UTM, ZONE 14  
**PROJECTION:** TRANSVERSE MERCATOR  
**VERTICAL DATUM:** SEA LEVEL DATUM OF 1929  
**HORIZONTAL DATUM:** 1927 NORTH AMERICAN DATUM  
**CONTROL:** USGS, IGCAS, DIST. ENGINEERS, AND AMS  
**PREPARED BY:** U.S. ARMY TOPOGRAPHIC COMMAND 7-71  
**PRINTED BY:** Reproduced by NSA/DAGS

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**100-METER REFERENCE**

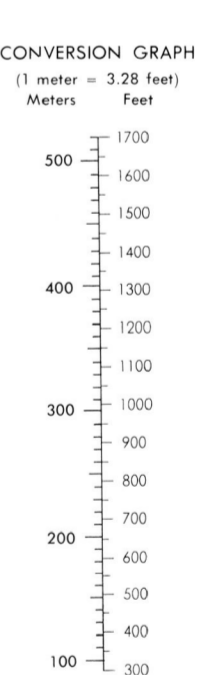
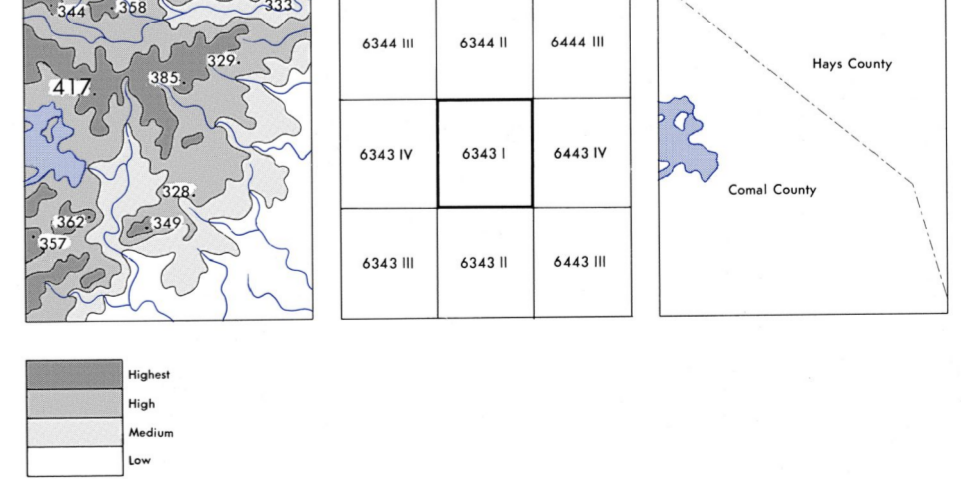
1. Read large numbers labeling the VERTICAL grid (left of point and estimate tenths (100 meters) from grid line to point.  
 Example: 1234.56

2. Read large numbers labeling the HORIZONTAL grid line (below point and estimate tenths (100 meters) from grid line to point.  
 Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES.  
 Example: 14R1123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.  
 Example: 14R1123456

**ELEVATION GUIDE**      **ADJOINING SHEETS**      **BOUNDARIES**



METRIC CONVERSION OF CONTOURS AND ELEVATIONS 1978  
THIS MAP IS RED-LIGHT READABLE