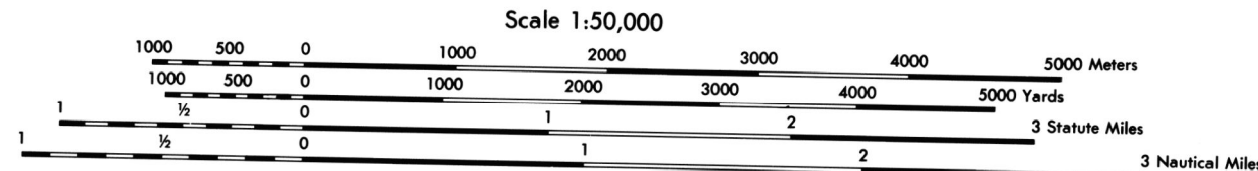


Prepared and published by the Defense Mapping Agency
Topographic Center, Washington, D. C.

LEGEND
MAP INFORMATION AS OF 1976



- ROADS**
- Divided highway with median strip
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Route markers: Interstate, Federal, State
- Bridges: With superstructure, Without superstructure
- RAILROADS (Standard gauge 1.4m - 4'8 1/2")
- Single track
- Multiple track
- Nonoperating
- Railroad station, location known, location unknown
- Car line
- Railroad bridge: With superstructure, Without superstructure
- Tunnel: Highway, Railroad
- BOUNDARIES**
- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, state, military
- MIL. RES.**
- Power transmission line
- Buildings
- Church, school
- Power substation
- Windmill, Watermill
- Well, tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented
- Bench mark, non-monumented
- Spot elevation in meters: Checked, Unchecked
- Levels, rim, dike
- Bluffs, cliffs
- Woodland
- Scattered trees, scrub
- Vineyard, Orchard, plantation
- Intermittent lake, Dam, Earthen, Masonry
- Stream, Perennial, Intermittent
- Marsh, swamp
- Small rapids, Small falls
- Large rapids, Large falls

CONTOUR INTERVAL 10 METERS

SPHEROID CLARKE 1866
GRID UTM
PROJECTION TRANSVERSE MERCATOR
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
CONTROL BY USGS AND USCGS

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid (back of point and north) (100 meters) from grid line to point. 1 2 3
 2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 0
 Example: 123456

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

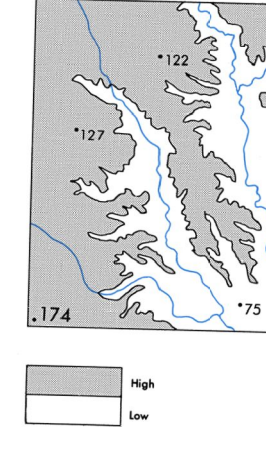
Example: CL123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 16SCL123456

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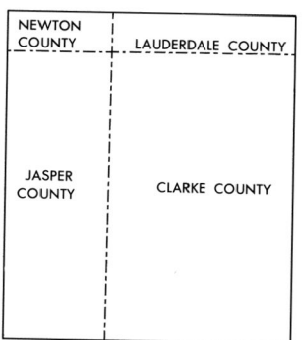
ELEVATION GUIDE



ADJOINING SHEETS

3148 I	3248 IV	3248 I
3148 II	3248 III	3248 II
3147 I	3247 IV	3247 I

BOUNDARIES



GRID CONVERGENCE
FOR CENTER OF SHEET

1975
G-M ANGLE
47° (70 MILS)

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

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

THIS MAP IS RED-LIGHT READABLE

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK: 1-800-455-5899; COMMERCIAL 301-271-8811; OR UNCLASSIFIED EMAIL: ENTERPRISESERVICE@CENTRIA.NGA.MIL; SPINNET: ESC@NSA.CS.NGA.MIL; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP D-246, 4800 SANGAMORE ROAD, BETHESDA, MD 20818-3003.