

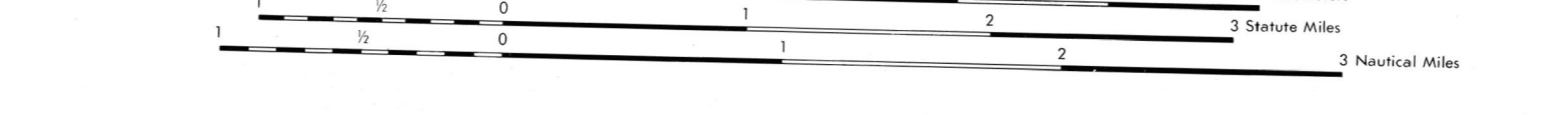


Prepared by the U. S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.

**LEGEND**

**MAP INFORMATION AS OF 1979**  
ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED

<p><b>ROADS</b></p> <ul style="list-style-type: none"> <li>Divided highway with median strip</li> <li>Primary, all-weather, hard surface</li> <li>Secondary, all-weather, hard surface</li> <li>Light duty, all-weather, hard or improved surface</li> <li>Fair or dry weather, unimproved surface</li> <li>Trail</li> <li>Route markers: Interstate, Federal, State</li> <li>Bridge: With superstructure, Without superstructure</li> <li>Railroad (Standard gauge 1.44m - 4'8 1/2")</li> <li>Single track</li> <li>Multiple track</li> <li>Nonoperating</li> <li>Railroad station, location known, location unknown</li> <li>Car line</li> <li>Railroad bridge: With superstructure, Without superstructure</li> <li>Tunnel: Highway, Railroad</li> </ul>	<p><b>BOUNDARIES</b></p> <ul style="list-style-type: none"> <li>National, with monument</li> <li>State, territory</li> <li>County, parish</li> <li>City, town, village, town</li> <li>Incorporated city, village, town</li> <li>Reservation: National, State, Military</li> </ul>	<p><b>Buildings</b></p> <ul style="list-style-type: none"> <li>Buildings</li> <li>Church, school</li> <li>Power substation</li> <li>Windmill, watermill</li> <li>Well, tank</li> <li>Mine shaft</li> <li>Open pit mine or quarry</li> <li>Horizontal control station</li> <li>Bench mark, monument</li> <li>Bench mark, non-monumented</li> <li>Spot elevations in meters</li> <li>Levels, tins, dikes</li> <li>Bluff, cliff</li> <li>Woodland</li> <li>Scattered trees, scrub</li> <li>Vineyard, Orchard, plantation</li> <li>Intertidal flat: Bare, Earthen, Masonry</li> <li>Stream, Potentially, Intermittent</li> <li>Marsh, swamp</li> <li>Small rapids, Small falls</li> <li>Large rapids, Large falls</li> </ul>
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**ELEVATIONS IN METERS**  
CONTOUR INTERVAL 10 METERS

**SPHEROID**  
CLARKE 1866  
10,000 FOOT STATE GRID TICS: RHODE ISLAND AND MASSACHUSETTS  
PROJECTION: TRANSVERSE MERCATOR  
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM  
CONTRIBUTORS: U.S. AND HONOLULU  
PREPARED BY: U.S. GEOLOGICAL SURVEY

**FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092**

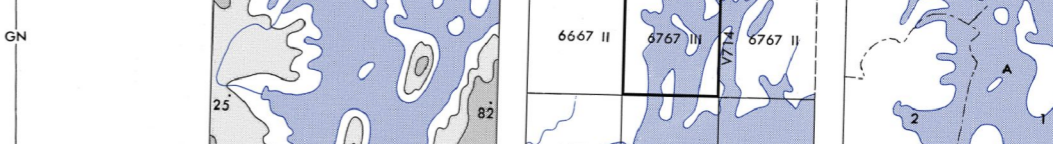
**100-METER REFERENCE**

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. Example: 123.5

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. Example: 43.6

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION. Example: 65123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION. Example: 18T8123456



**ADJOINING SHEETS**

**BOUNDARIES**

**HYDROGRAPHIC DATUM** ... mean low water

Depth curves and soundings in meters

Foreshore flats

Rocks, Sunken, Awaigh

Limit of danger, Submerged reef

Reef

Sunken, Exposed

Wharf, pier, Sea wall

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK: 1-800-455-0898, COMMERCIAL 314-261-4884, DENVER, OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTelligence AGENCY, ATTN: ES, MAIL STOP L-88, 6800 SANGAMORE ROAD, BETHESDA, MD 20818-9003

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