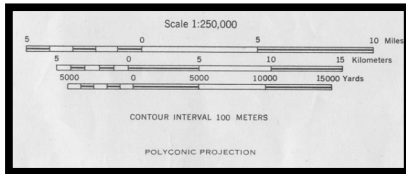


Basic Map Reading



Map Scale

Definition of a Map

(review)

A map is a graphic representation of a portion of the earth's surface drawn to scale, as seen from above; it uses colors, symbols and labels to represent features found on the ground.



Map Scales

Map scale is the extent of reduction required to display a portion of the Earth's surface on a map

Scale determines the informational content and size of the area being represented

Map Scales

- 1:25,000 Scale
- 1:50,000 Scale
- 1:100,000 Scale
- 1:250,000 Scale

The smaller the number on the bottom, the larger the scale of the map

Map Scales

Small Scale Map

Maps that have a scale of 1:1,000,000 and smaller. These maps are used for general planning

The standard small scale map is 1:1,000,000

Map Scales

Medium Scale Map

Are maps of scales that are larger than 1:1,000,000 but smaller than 1:75,000. These maps are used for planning operations, including the movement and concentration of marines and supplies

The standard medium scale map is 1:250,000

Map Scales

Large Scale Map

Are maps that are larger than 75,000. They are used to meet tactical, technical, and administrative needs of the field units.

The standard medium scale map is 1:50,000

Map Scales

Example of Scales

1:24,000 ---> 1 inch represents about 2000 feet

1:100,000 --> 1 inch represents about 1.6 miles

1:250,000 --> 1 inch represents about 4 miles
