

Topic: Field Maps and Isolines

1. Finding the Interval of the Map

The uniform difference between isolines (what the lines count by).

On a topographic map (contour map), the 0-foot (or 0-meter) line = average sea level

2. Finding the Value of a Point

If the point is on a line, it is the value of that line.

If a point falls between lines, estimate its value.

Aim:

topography

the natural and artificial landscape features of an area

3. Measuring Distances

Use the map scale provided to find the distance between two points.



4. Finding the Steepest Gradient

Gradient is the change in a field value over a given distance.

On a contour map "gradient" means the slope of the land.

*** The closer the isolines, ***
*** the steeper the gradient. ***