

# 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:

How is a topographic (contour) map read and interpreted?

### 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. \*\*\*