

## MAPS – 8 TYPES

<b><u>Political Maps</u></b>	Show countries, provinces or other political borders—e.g. globes and atlases;
<b><u>Street and Road Maps</u></b>	Are designed to assist commuters and tourists;
<b><u>Statistical Maps</u></b>	Shows statistical information like the production levels of crops or minerals across a country;
<b><u>Relief Maps</u></b>	Are built to show a three dimensional view of the mapped area;
<b><u>Outline Maps</u></b>	Show only borders, rivers, coastlines, etc.;
<b><u>Topographical Maps</u></b>	Show water, vegetation, structural and contour details;
<b><u>Orienteering Maps</u></b>	Are used for the sport of orienteering;
<b><u>Air Photomaps</u></b>	Are the actual pictures used to create all these maps.

## MAPS – WHAT THE COLORS MEAN ON A TOPOGRAPHICAL MAP

<b>Red</b>	paved roads and highway numbers — also to shade in areas of urban development;
<b>Brown</b>	contour lines, contour elevations, spot elevations, sand, cliffs, and other geological features;
<b>Blue</b>	water or permanent ice features (like rivers, lakes, swamps and ice fields), names of water features, and the grid lines;
<b>Green</b>	vegetation features like woods, orchards and vineyards;
<b>Black</b>	cultural features (buildings, railways, transmission lines, etc.), toponymy (place names), some symbols and precise elevations.

## MAPS – BASIC TERRAIN FEATURES

<b>Contour Line</b>	A contour line is a line on the map joining points of equal elevation above sea level. Contour lines are drawn on maps to give you a three-dimensional view of the ground.
<b>Hill</b>	A hill is a point or small area of high ground. When you are located on a hilltop the ground slopes down in all directions. A hill is shown on a map by a number of closed contour lines.
<b>Saddle</b>	A saddle is the low ridge between two peaks.
<b>Cliff</b>	A cliff is a near vertical slope. The closer the lines are to each other, the steeper the slope. A cliff will be shown on a map by the close contour lines that touch or have tick marks on them. These tick marks will point towards the lower ground.
<b>Valley</b>	A valley is level ground bordered on the sides by higher ground. Contour lines indicating a valley are somewhat U-shaped.
<b>Depression</b>	A depression is a low point or hole in the ground surrounded on all sides by higher ground.