

How to Construct a Topographic Profile

To construct a topographic profile, take a straight-edged strip of paper and place the edge of the paper strip along the profile line on your topographic map. Mark the location and elevation of each contour line as shown in Figure 1.

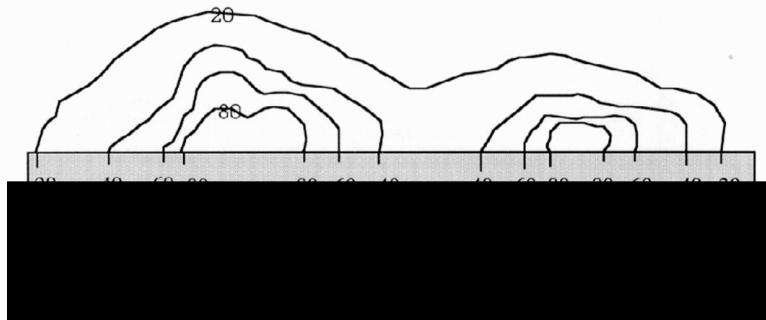


Fig. 1. Marking location and elevation of contour lines.

After marking these points, set the paper strip along the bottom of the graph and transfer the points to the graph. Then connect the points to produce the profile.



Fig. 2. Transferring the points on to the profile graph.

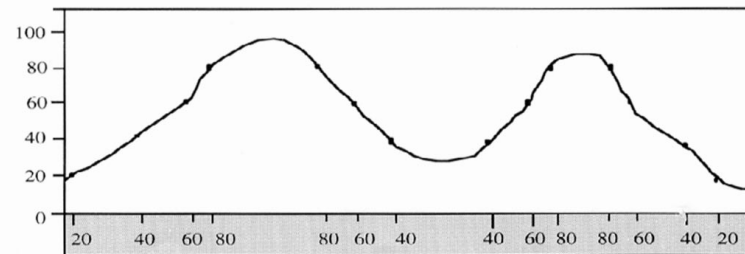


Fig. 3. Creating the topographic profile.