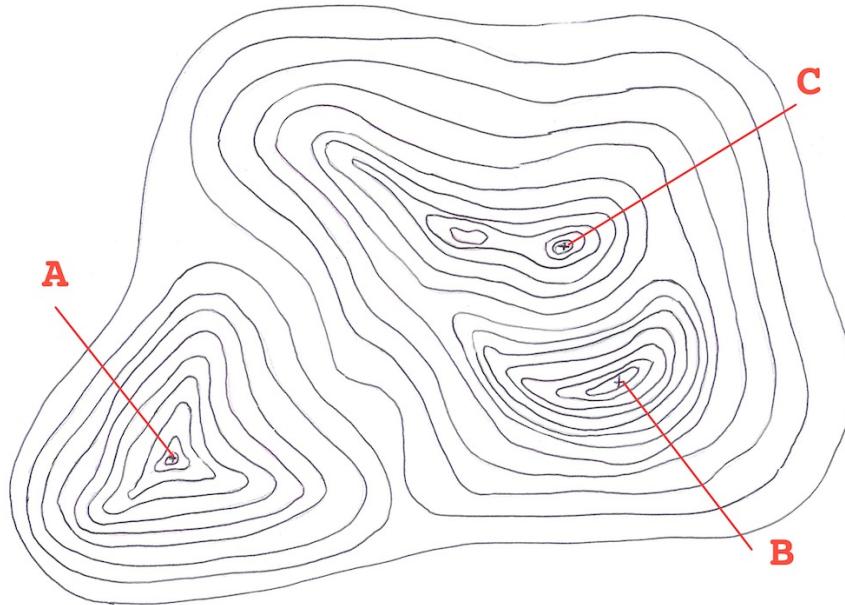
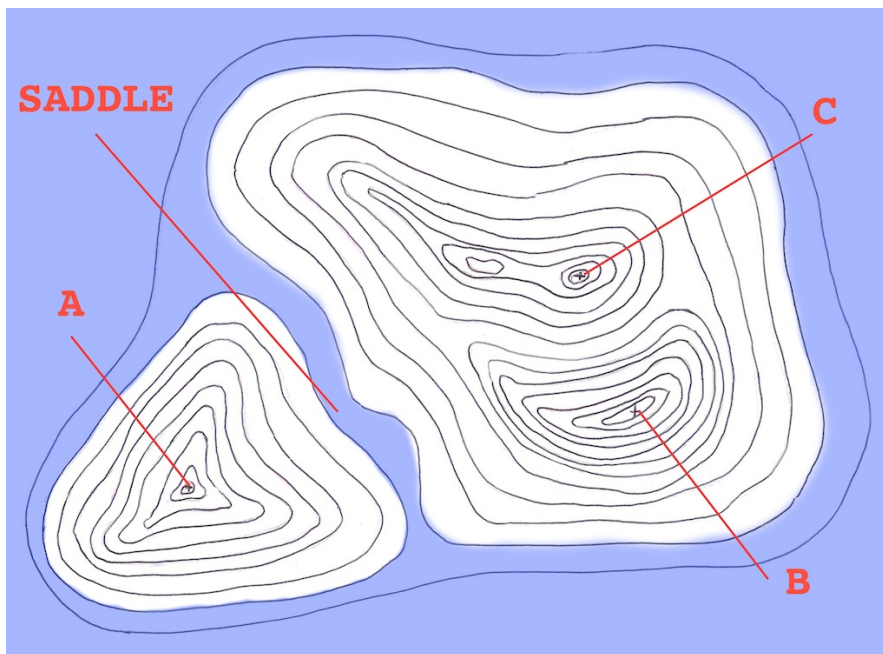


How To Identify Peaks and Saddles.

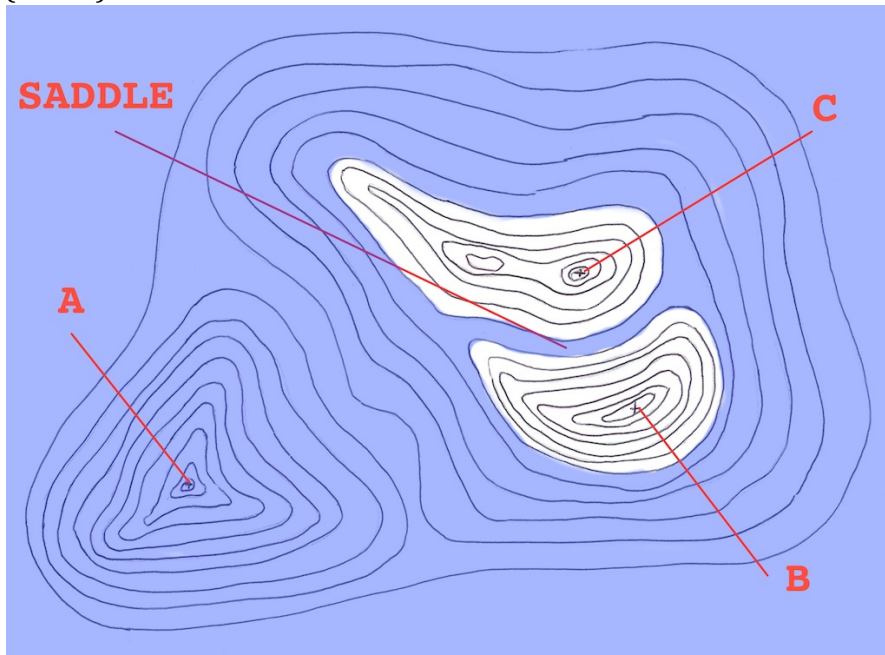


The map above contains three peaks all over 150m (A = 210m, B = 250m and C = 230m) but only two qualify for SOTA. The following maps will explain why.

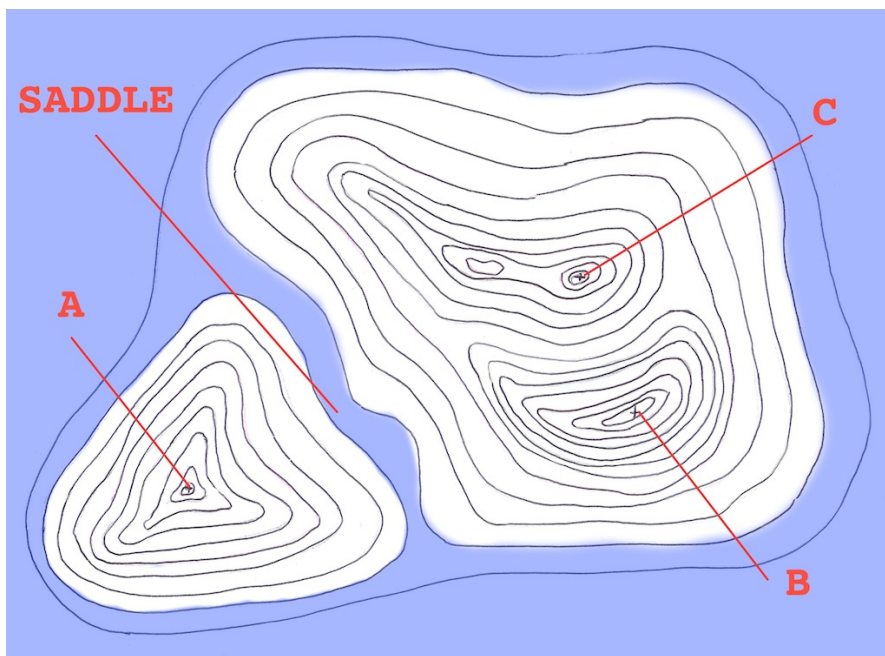


The map above shows the saddle for peak A. To determine the saddle for peak A you start at the highest point and work your way down tracing around the contour lines until you get to the last contour line that totally in-circles the peak

as shown above. The saddle is the lowest point (15m) making the prominence (195m).



Now if we look at peak B (250m) and peak C (230m) the saddle is around 110m making the prominence for peak B (140m) and peak C (120m). As peak C does not qualify, it now becomes a part of peak B so now we continue to trace the contour lines until you get to the last contour line that totally in-circles the peak as shown below.



The saddle is now the same as peak A (15m) and makes the prominence of peak B (235m).