

**Closest Lake Distance:** Network distance to the closest upstream lake.

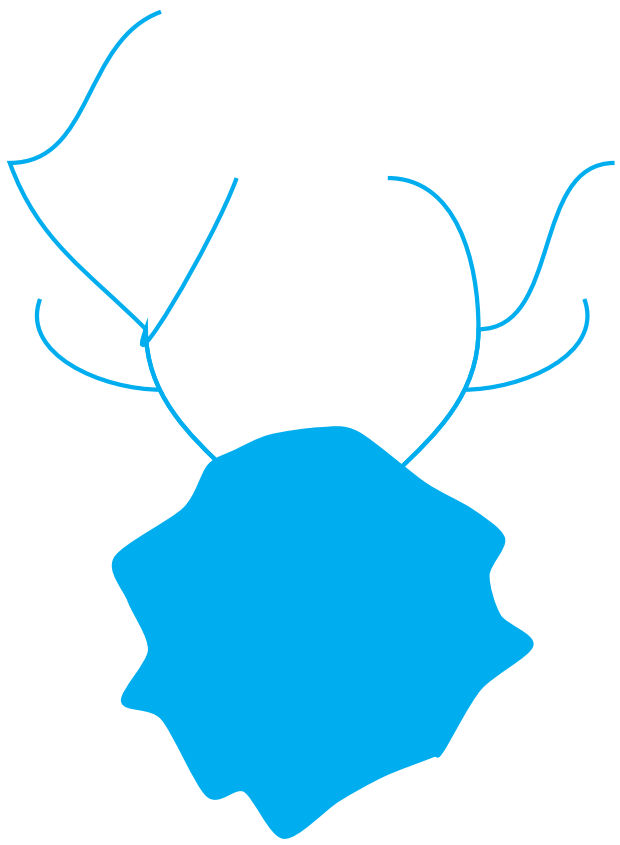
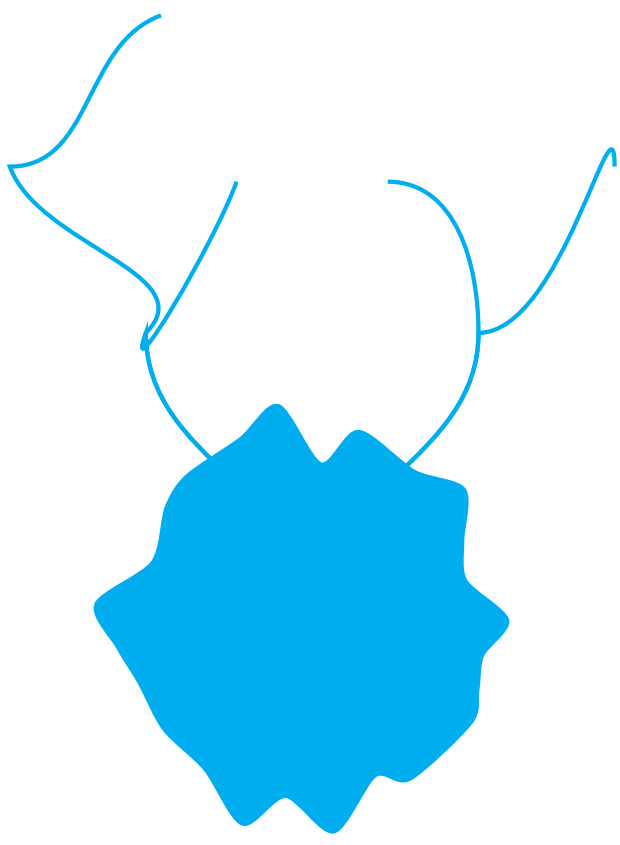
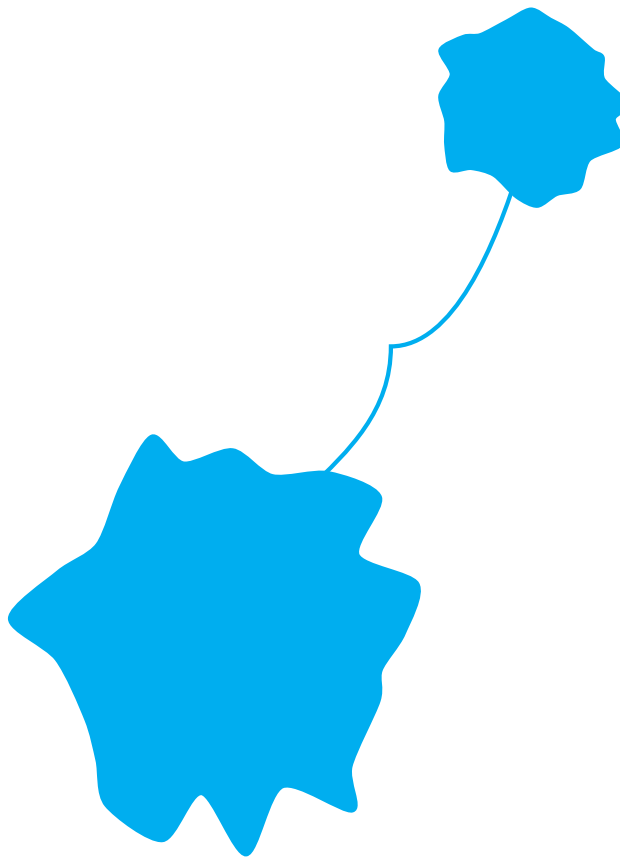
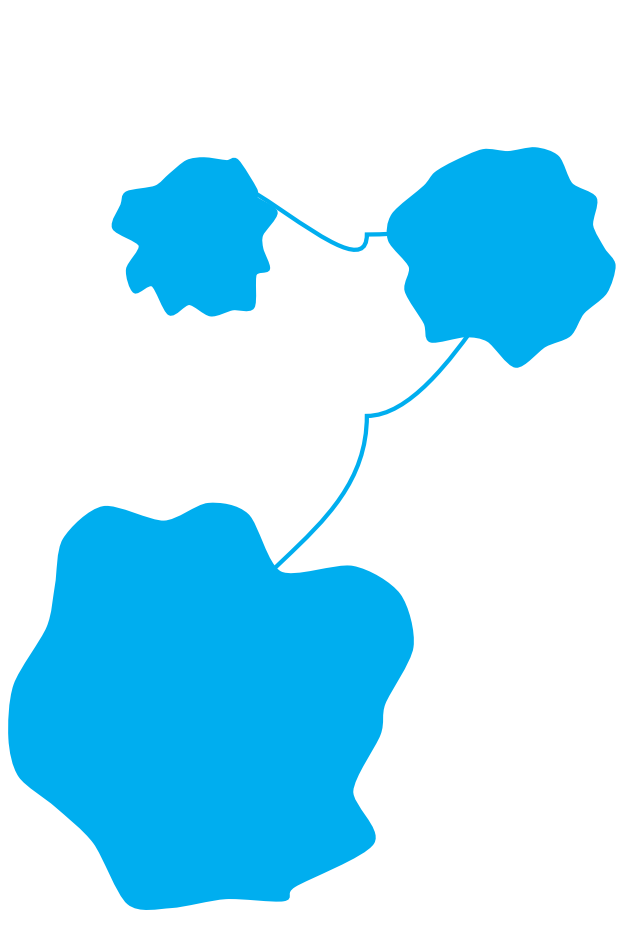
**Average Link Length:** Length of stream reaches where each stream reach starts and ends at a junction divided by the total number of reaches.

**Upstream Lake Area:** Total area of upstream lakes limited to lakes that are greater than or equal to 4ha.

**Stream Density:** the length of all streams (minus artificial lines through lakes) divided by the area of watershed.

**Stream Order Ratio:** The total number of first order stream reaches divided by the total number of higher order stream reaches. In this example the lower connectivity lake has a stream order ratio of 3 whereas the higher connectivity lake has a stream order ratio of 2.

Lower Connectivity



Higher Connectivity

