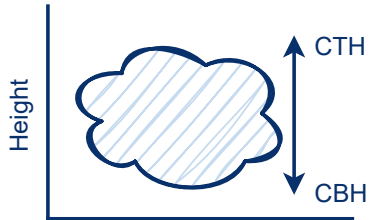




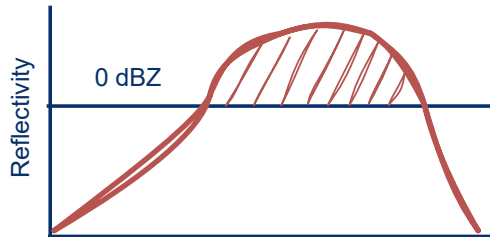
Longitude

Number of **convective cores** at each timestep (at least 1 core / 15 min)



Major axis

Cloud base height (**CBH**) < 5 km
Cloud top height (**CTH**) $\geq$ 10 km



Cloud lifetime

Radar reflectivity $\geq$ 0 dBZ at 10 km height