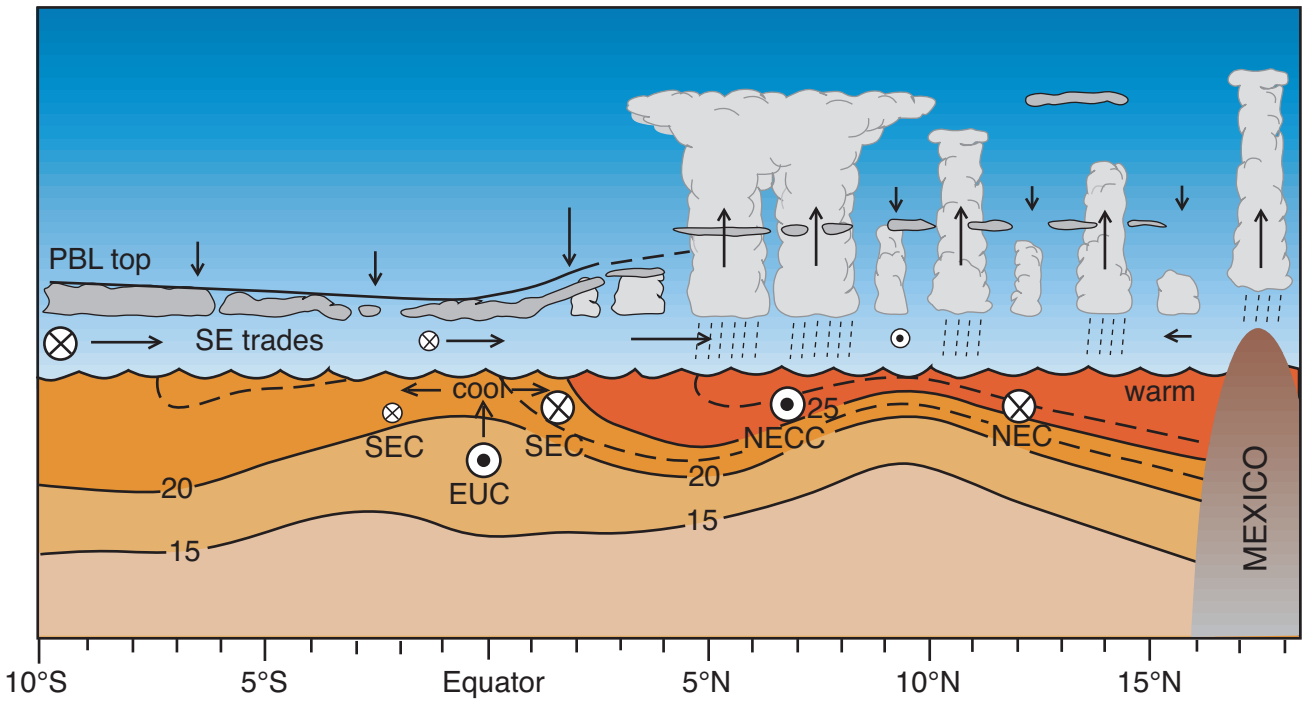

Figure 41. Idealized cross section through the ITCZ/cold tongue complex in the monsoonal regime showing the atmospheric meridional circulation, atmospheric boundary layer depth, and the oceanic thermal structure. SEC refers to the South Equatorial Current, NECC to the North Equatorial Countercurrent, and EUC to the Equatorial Undercurrent. The heavy cloud denotes the position of the ITCZ. Encircled x's (dots) denote westward (eastward) flowing winds or currents.