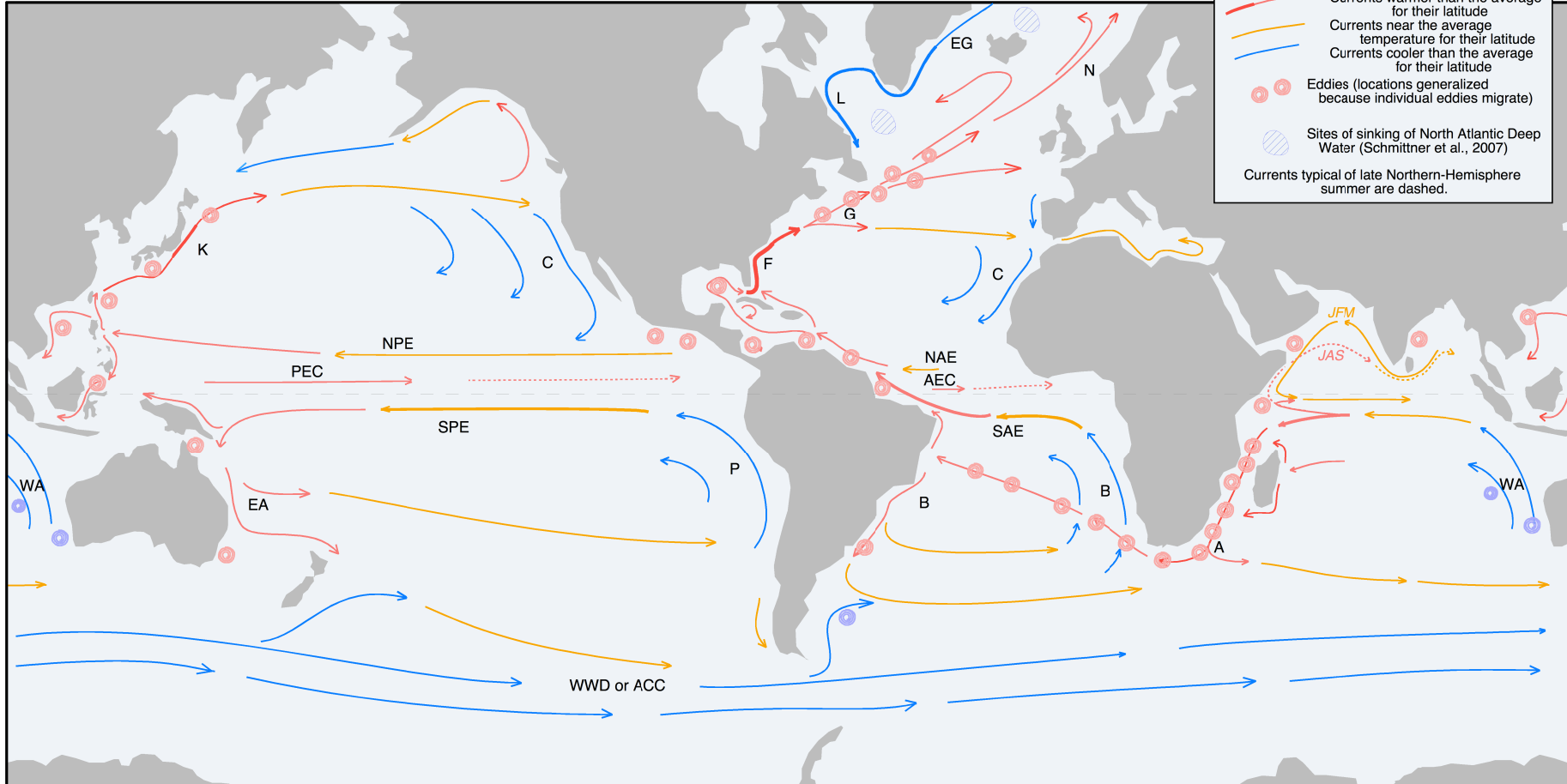


The surface currents of the oceans II: a less simple map

This map attempts to summarize the paths of surface currents as seen in NASA animations. It is therefore more complicated, and in some cases more enigmatic,

than the simple system of gyres shown in Part I of this series. It also provides a general indication of the locations of eddies that modify the currents.

Part III shows one moment in the NASA animations and thereby demonstrates that this document is a still a tremendous generalization of a complex system.



- Currents warmer than the average for their latitude
- Currents near the average temperature for their latitude
- Currents cooler than the average for their latitude
- ⊕ Eddies (locations generalized because individual eddies migrate)
- ⊕ Sites of sinking of North Atlantic Deep Water (Schmittner et al., 2007)
- Currents typical of late Northern-Hemisphere summer are dashed.