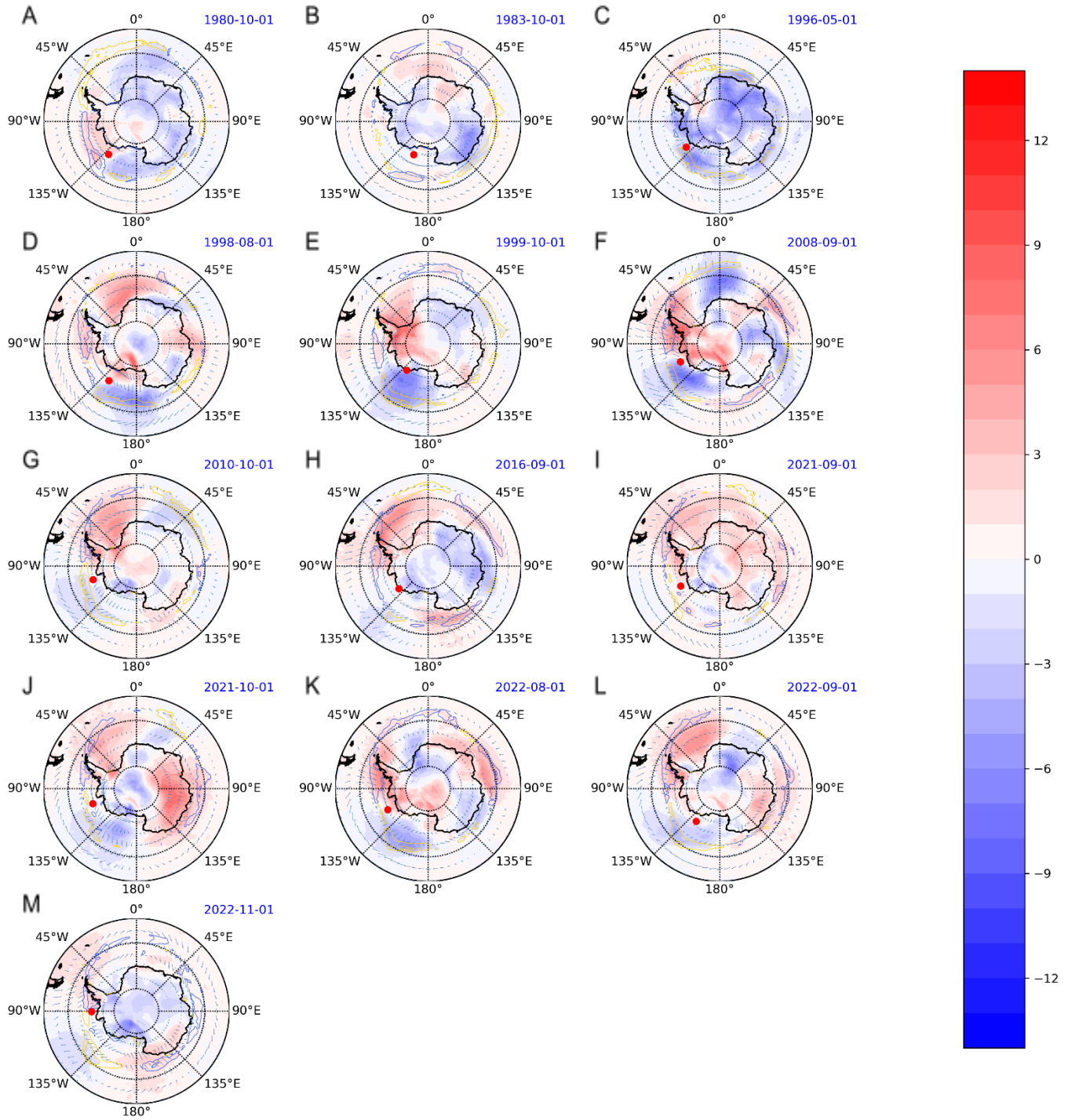
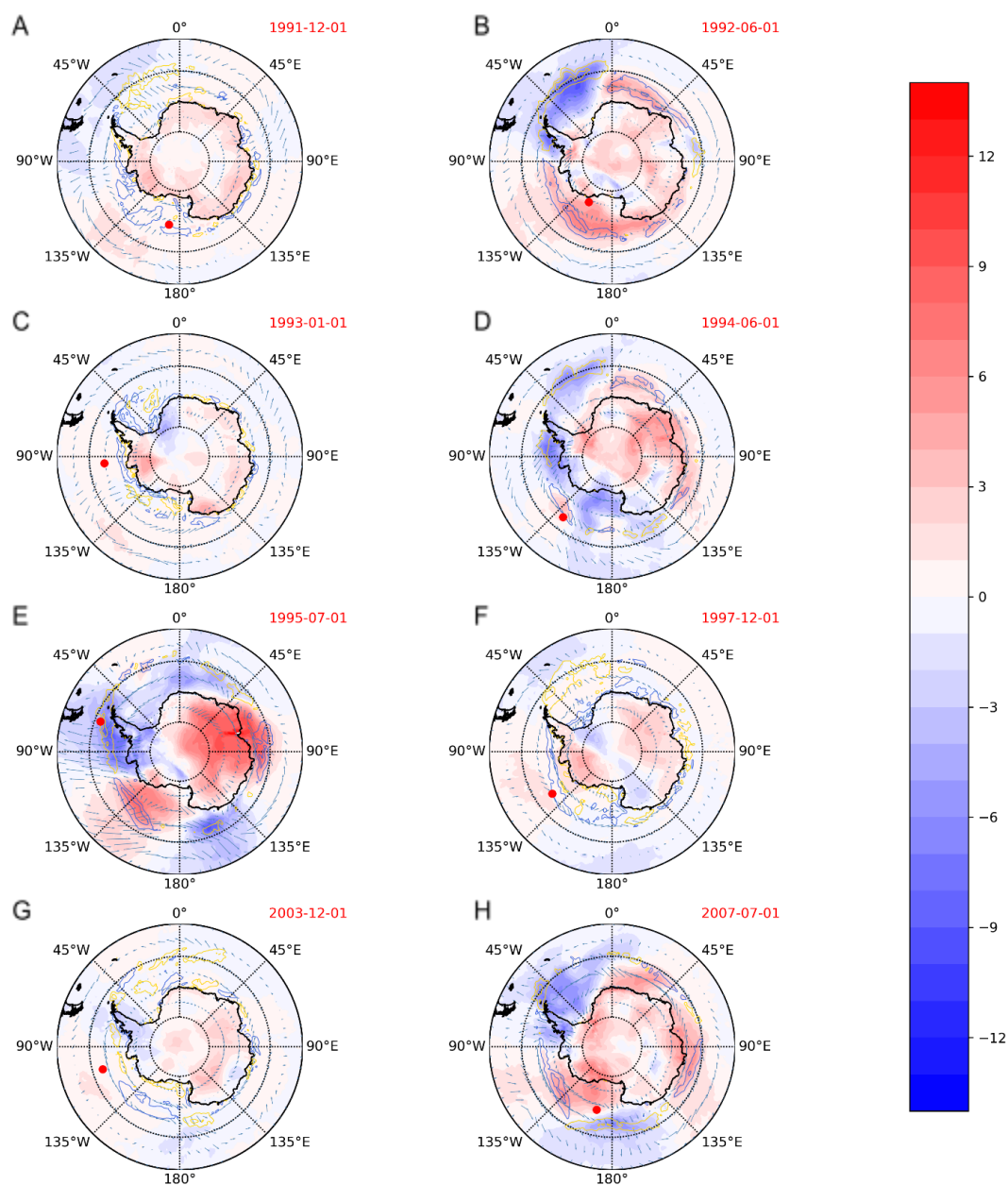




S1: Individual anomaly maps for the thirteen extremely strong ASL events identified during the period 1979-2025. The center of the ASL is overlaid (red circle) on each map for reference.



S2: Individual anomaly maps for the eight extremely weak ASL events identified during the period 1979-2025. The center of the ASL is overlaid (red circle) on each map for reference.