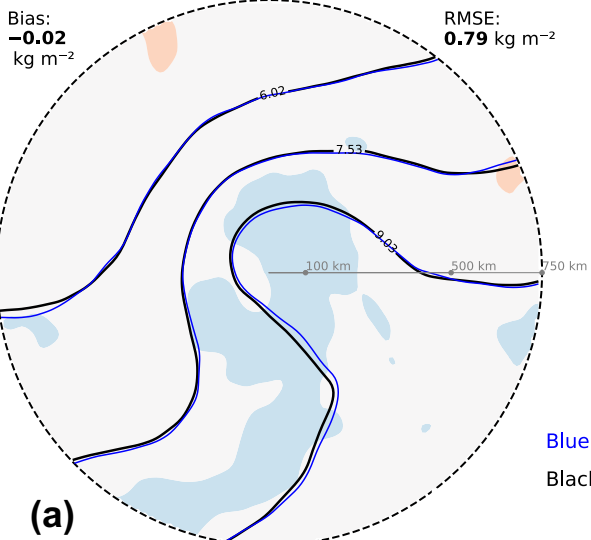
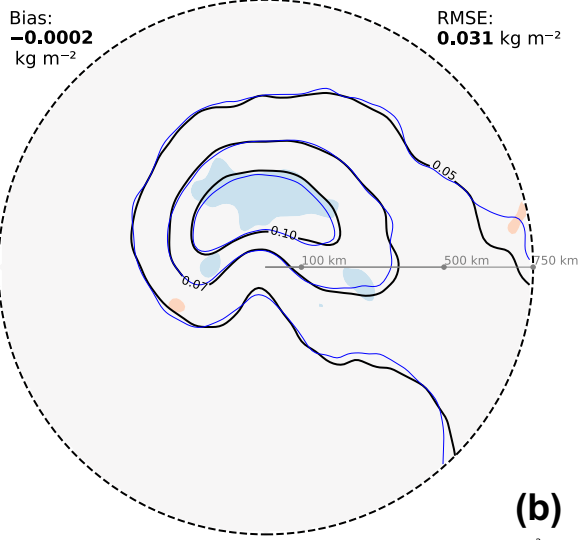
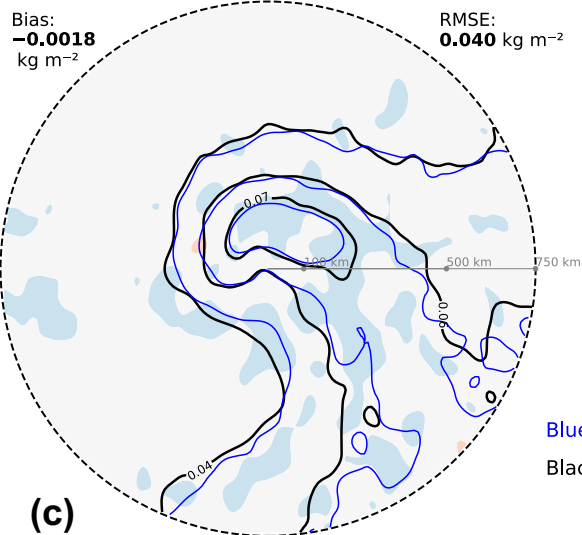
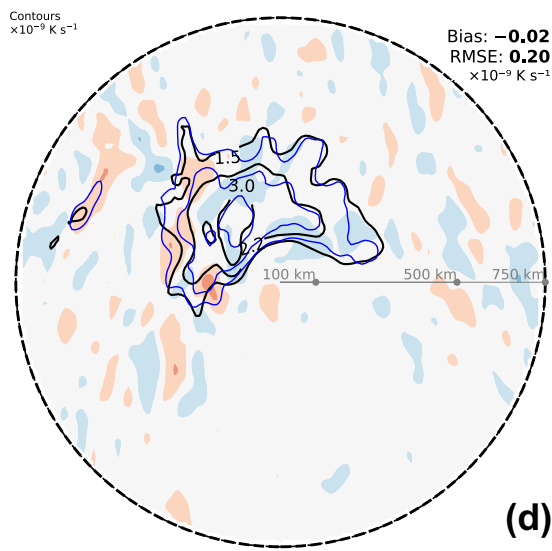
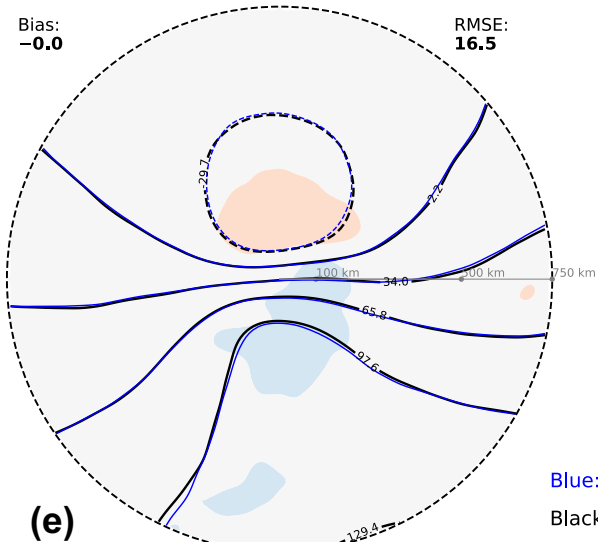


Composite TCWV Bias ( $\text{kg m}^{-2}$ )Composite TCIW Bias ( $\text{kg m}^{-2}$ )Composite TCLW Bias ( $\text{kg m}^{-2}$ )

Kinematic frontogenesis (deformation + divergence)

Composite along-motion WVF Bias ( $\text{kg m}^{-1} \text{ s}^{-1}$ )Composite cross-motion WVF Bias ( $\text{kg m}^{-1} \text{ s}^{-1}$ )