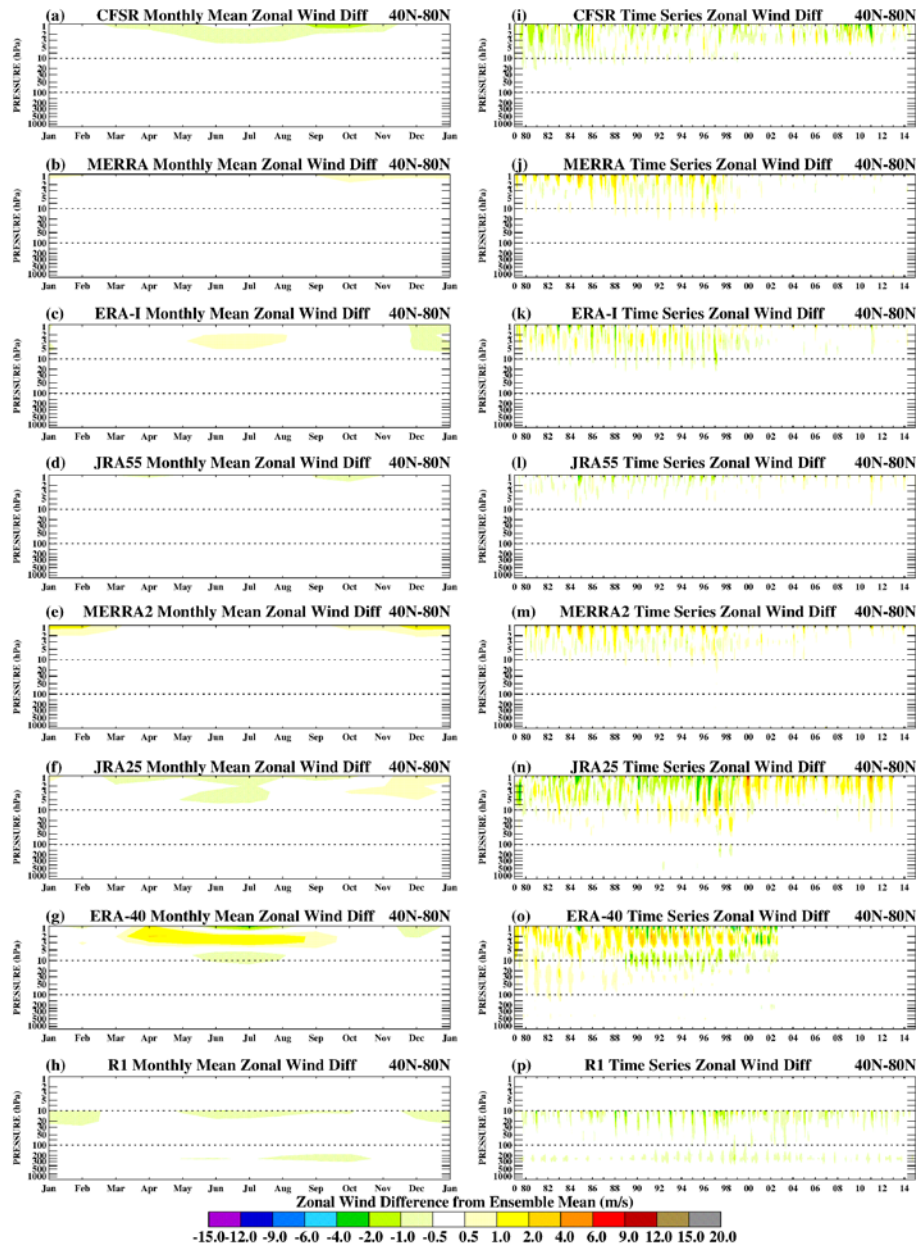


S1. Pressure vs month plots (right) and pressure vs time plots (left) of the zonal wind difference (m/s) of individual reanalyses from the REM for the zonal region 80° S - 40° S. The reanalyses are a) CFSR, b) MERRA, c) ERA-I, d) JRA-55, e) MERRA-2, f) JRA-25, g) ERA-40, and h) R-1.



S2. Same as S1 but for the 40° N - 80° N latitude zone.