Supplement of Atmos. Chem. Phys., 17, 14593–14629, 2017 https://doi.org/10.5194/acp-17-14593-2017-supplement © Author(s) 2017. This work is distributed under the Creative Commons Attribution 3.0 License.





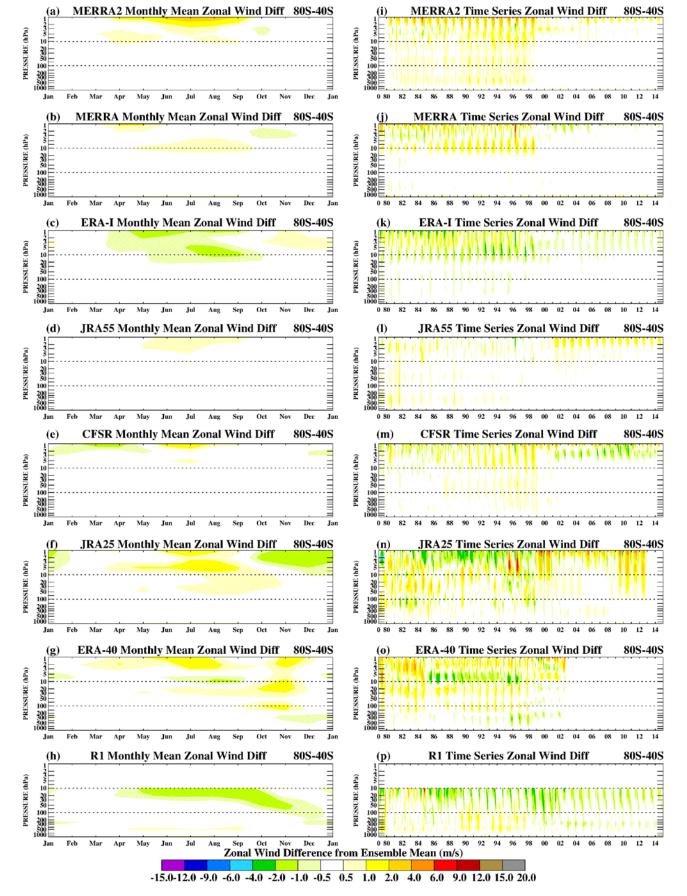
Supplement of

Climatology and interannual variability of dynamic variables in multiple reanalyses evaluated by the SPARC Reanalysis Intercomparison Project (S-RIP)

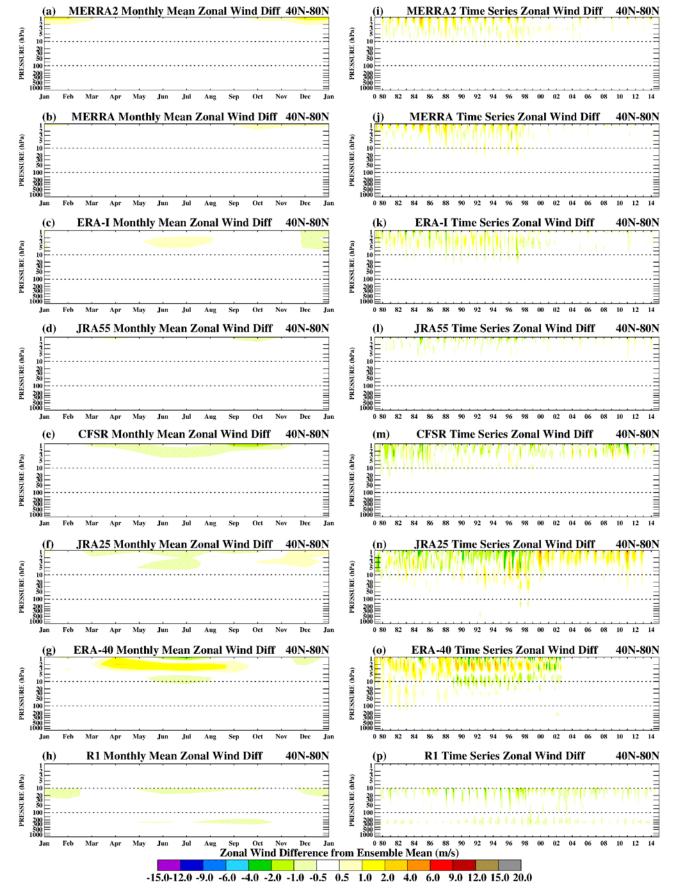
Craig S. Long et al.

Correspondence to: Craig S. Long (craig.long@noaa.gov) and Masatomo Fujiwara (fuji@ees.hokudai.ac.jp)

The copyright of individual parts of the supplement might differ from the CC BY 3.0 License.



S1. Pressure vs month plots (left) and pressure vs time plots (right) of the zonal wind difference (m/s) of individual reanalyses from the REM fro the zonal region 80° S $- 40^{\circ}$ S. The reanalyses are a) MERRA-2, b) MERRA, c) ERA-I, d) JRA-55, e) CFSR, f) JRA-25, g) ERA-40, and h) R1.



S2. Pressure vs month plots (left) and pressure vs time plots (right) of the zonal wind difference (m/s) of individual reanalyses from the REM fro the zonal region 40° N – 80° N. The reanalyses are a) MERRA-2, b) MERRA, c) ERA-I, d) JRA-55, e) CFSR, f) JRA-25, g) ERA-40, and h) R1.