Supplement of

Comparison of equatorial wave activity in the tropical tropopause layer and stratosphere represented in reanalyses

Young-Ha Kim et al.
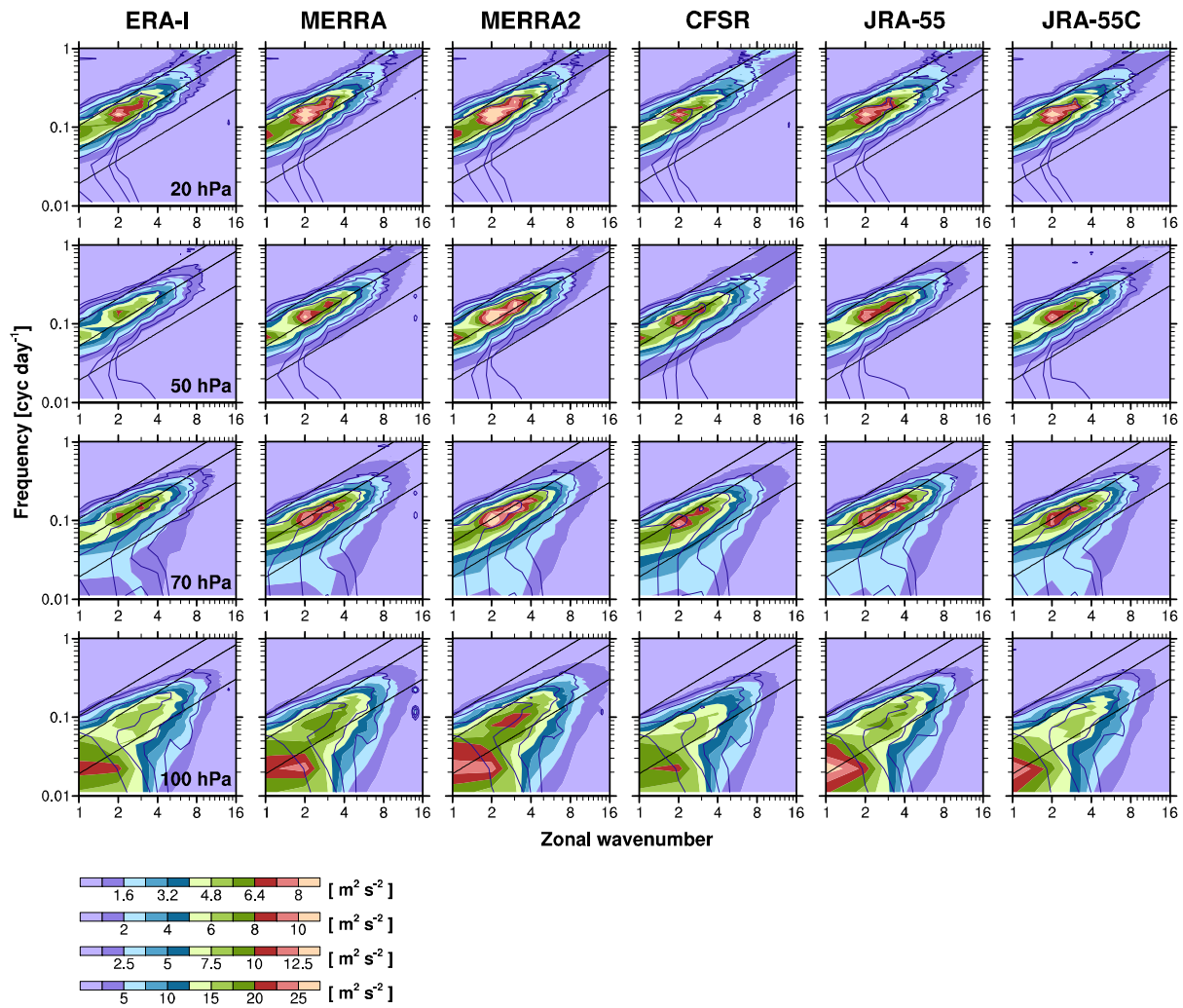
Figure S1. The same as in Fig. 1 except for the zonal wind.
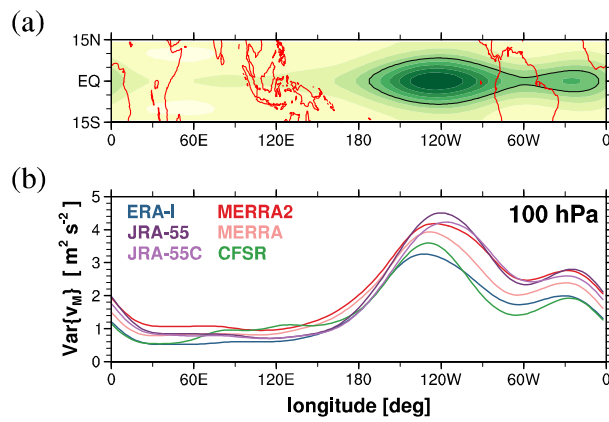
Figure S2. The same as in Fig. 3 except for the 100-hPa symmetric meridional wind filtered for $-10 \leq k < 0$ and $0.033 \leq \omega < 0.1 \, \mathrm{cyc \, day}^{-1}$.
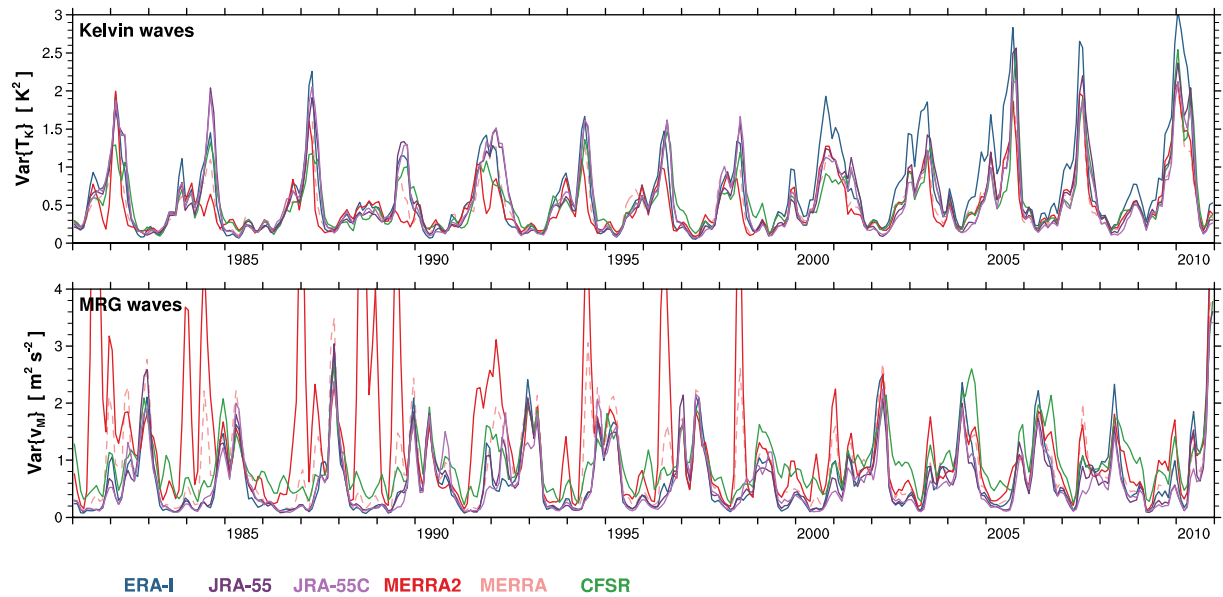
Figure S3. Monthly time series of variances of (upper) temperature for the Kelvin waves (T_{Kelvin}) and (lower) meridional wind for the MRG waves (v_{MRG}) at $10\,\mathrm{hPa}$ averaged over $15°\mathrm{N}$–$15°\mathrm{S}$. The MERRA results are from the standard-level datasets (dashed), and the others from the model-level datasets (solid). See the text in Section 3.1 for the definitions of T_{Kelvin} and v_{MRG}.