Supplement of Geosci. Model Dev., 12, 425–440, 2019 https://doi.org/10.5194/gmd-12-425-2019-supplement © Author(s) 2019. This work is distributed under the Creative Commons Attribution 4.0 License.





## Supplement of

## A hydrological cycle model for the Globally Resolved Energy Balance (GREB) model v1.0

C. Stassen et al.

Correspondence to: Christian Stassen (christian.stassen@monash.edu)

The copyright of individual parts of the supplement might differ from the CC BY 4.0 License.

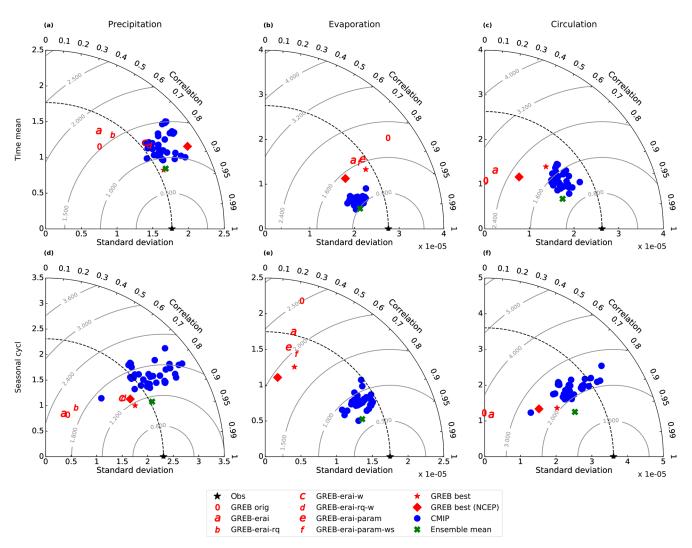


Figure S1. Precipitation (a, d), evaporation (b, e) and circulation (c, f) in the annual mean (a, b, c) and seasonal cycle (d, e, f) in mm day<sup>-1</sup> in a Taylor diagram against observations. Red colours indicate different GREB parametrisations with 0 being the original and star ( $\star$ ) and diamond the best parametrisation. Star is the best model for the ERA-Interim boundary conditions and diamond uses the NCEP boundary conditions. Blue dots are CMIP5 models and the green cross indicates the ensemble mean of all CMIP5 models.