Drought stress parameters (b) (c) (a) $MAD_{SP\mid P_s}=0.09$ $MAD_{SP\mid P_s}=2.46$ $MAD_{SP\mid P_s}=0.36$ 20 40 20 $MAD_{SP\mid P_{s,y}}=1.13$ $MAD_{SP\mid P_{s,y}}=0.05$ $MAD_{SP\mid P_{s,y}}=0.18$ $\overline{MAD_{TP}} = 1.81$ $\overline{MAD_{TP}}=0.07$ $\overline{MAD_{TP}} = 0.13$ 10 20 10 5.0 0.1 0.2 0.3 0.100.052.5 K_W [-] $W_I \, [\mathrm{mm} \cdot \mathrm{mm}^{-1}]$ α |-|Hydrological model parameters (f) (d)(g) (\mathbf{e}) 20 $MAD_{SP|P_s} = 254.4220$ $MAD_{SP\mid P_s}=0.03$ $MAD_{SP\mid P_s}=0.12$ $MAD_{SP\mid P_s}=0.12$ $MAD_{SP|P_{s,y}} = 181.46$ $igwedge MAD_{SP|P_{s,y}}=0.08$ $MAD_{SP\mid P_{s,y}}=0.02$ $MAD_{SP\mid P_{s,y}}=0.10$ $\overline{MAD_{TP}}=0.04$ $\overline{MAD_{TP}}=0.02$ $\overline{MAD_{TP}}=0.10$ $\overline{MAD_{TP}}=154.07$ 10 10 10 10 0.0 0.50.000.02 0.2 200 0.0 PET_{scalar} [-] AWC [mm] MR_{tair} $\theta \, [\mathrm{mm} \cdot \mathrm{h}^{-1}]$ $[\text{mm} \cdot^{\circ} \text{C} \cdot \text{h}^{-1}]$ (h) (i)40 $MAD_{SP\mid P_s}=0.03$ $MAD_{SP\mid P_s}=0.65$ 20 $MAD_{SP\mid P_{s,y}}=0.02$ $MAD_{SP\mid P_{s,y}}=0.54$ $MAD_{SP|P_s}$ $\overline{MAD_{TP}}=0.03$ $\overline{MAD_{TP}}=0.36$ $MAD_{SP|P_{s,y}}$ 20 10 MAD_{TP} 0.000.05

 sn_a [-]

sites

Jo

Fraction

 MR_{netrad}

 $[\mathrm{mm}\cdot\mathrm{MJ}^{-1}\cdot\mathrm{h}^{-1}]$