Ali.tif ------ Time-series comparison of SEBS input and output variables against measurements at Ali station.

BJ.tif-------- Time-series comparison of SEBS input and output variables against measurements at BJ station.

Daxing.tif----- Time-series comparison of SEBS input and output variables against measurements at Daxing station.

Dontan.tif------Time-series comparison of SEBS input and output variables against measurements at Dontan station.

Guantao.tif------Time-series comparison of SEBS input and output variables against measurements at Guantao station.

Maqu.tif------ Time-series comparison of SEBS input and output variables against measurements at Maqu station.

Miyun.tif----- Time-series comparison of SEBS input and output variables against measurements at Miyun station.

Weishan.tif-----Time-series comparison of SEBS input and output variables against measurements at Weishan station.

Wenjiang.tif----- Time-series comparison of SEBS input and output variables against measurements at Wenjiang station.

Fig 1.tif----- Maps of annual average net shortwave radiation (SWD minus SWU) (a), net longwave radiation (LWU minus LWD) (b).

Fig 2.tif------ Maps of multiyear (2001–2010) means of retrieved fluxes: (a) sensible heat flux (H), (b) latent heat flux (LE), (c) net radiation (Rn), and (d) ground heat flux (G0) from GLDAS dataset.