Supplemental Material

Journal of Hydrometeorology
An Accurate Estimate of Monthly Mean Land Surface Temperatures from MODIS Clear-Sky Retrievals
https://doi.org/10.1175/JHM-D-17-0009.s1

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Figure S1, (a) mean of Terra monthly day TMD-view-time, (b) mean of Terra monthly night TMN-view-time, (d) mean Aqua monthly day AMD-view-time, and (e) mean Aqua monthly night AMN-view-time derived from monthly-view-time during 2003-2010.
Figure S2, Geospatial LST derived from TMD, TMN, AMD, and AMN for January of 2013.

Figure S3, Scatter density plot for (a) mean values of Terra monthly day and night $LST_{(TMD,TMN)}$, (b) mean values of Aqua monthly day and night $LST_{(AMD,AMN)}$, (c) mean values of both Terra and Aqua monthly day and night $LST_{(AMD,AMN,TMD,TMN)}$ against view time. View time from TMN&TMD, AMN&AMD, and TMN&TMD&AMN&AMD were used in (a), (b), and (c) respectively.