Geophysical Research Abstracts
Vol. 19, EGU2017-8331, 2017
EGU General Assembly 2017

Sub-daily precipitation data in the ISD

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We investigate the availability of sub-daily precipitation data in the Integrated Surface Dataset (ISD). The precipitation fields were extracted from the subset of stations where there was a chance of finding a reasonable record. These fields were then processed to show the equivalent number of days of data record for a number of accumulation periods. We will show instances where the accumulated precipitation over various sub-daily periods do not always agree over the same 24-hour period. We will also show the equivalent number of non-overlapping days of data record across accumulation periods.