Supplemental Material

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Eclipse across America: Citizen Science Observations of the 21 August 2017 Total Solar Eclipse

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Figure S1. The panels depict processing the time series reported from the individual sites into a composite time series, which is used for calculating the eclipse-induced temperature depression. (a) Time series of temperature from all GLOBE observing sites in CONUS during five-hour period from 1500-2000 UTC. (b) Time series of temperature change (i.e. mean temperature from each site removed) from GLOBE sites (gray lines). The thick black line is the mean temperature change time series. (c) Same as (b), but with the individual time series shifted relative to the local time of maximum obscuration. The thick black line is the unsmoothed composite time series of temperature change. (d) Same as (c), but with the smoothed composite of temperature change (red line).