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Anomalies of the 2017 Solar Eclipse DAVID WINSKI, ALEXANDRIA MENDOZA, TYLER SANCHEZ, TIMOTHY RENFRO, WAYNE KEITH, McMurry Univ, MATTHEW HUDDLESTON, Teivecca Nazarene University, MCMURRY UNIVERSITY TEAM — Data about light intensity and temperature was collected from Dearborn, MO and Nashville, TN during the Solar Eclipse that occurred on August 21, 2017. Both of these cities were located in the path of totality. Dearborn experienced 2 min. 29 sec. of totality and is about 21 miles from maximum totality while Nashville experienced 1 min. 55 sec. of totality and is about 19 miles from maximum totality. Much of the data had to be discarded due to cloud coverage. However, several anomalies, such as frequent dips in the light intensity graphs, do match up in both sets of data right before the point of totality. These anomalies suggest a pattern that will be discussed in the presentation.

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