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The SunSketcher eclipse experience

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The 2024 April 8 total eclipse saw success with the “SunSketcher.org” project. In this effort all of the development was done by a diverse and highly interdisciplinary group of undergraduate students at Western Kentucky University. Their SunSketcher smartphone app was then taken up by tens of thousands of volunteers, aided by NASA publicity, and we are analyzing the data now. The basic scientific result will be an improved measure of solar oblateness, an issue of importance since the 19th century and the subject of later work by Einstein and Dicke.

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