

Fred Espenak, a 1976 graduate in Physics (MS) of the University of Toledo, is a retired astrophysicist from NASA's Goddard Space Flight Center where he worked with infrared spectrometers to probe the atmospheres of the planets. He is also known as "Mr. Eclipse" because of his work on predicting and observing solar eclipses. He has written over a dozen books on eclipses including his most recent "Eclipse Bulletin: Total Solar Eclipse of 2017 August 21." Espenak also runs 3 web sites: 1) eclipse prediction ([www.EclipseWise.com](http://www.EclipseWise.com)), 2) eclipse photography ([www.MrEclipse.com](http://www.MrEclipse.com)) and 3) astrophotography ([www.AstroPixels.com](http://www.AstroPixels.com)). Over the past 45 years he has witnessed 27 total eclipses of the Sun on all 7 continents.



In 2003, the International Astronomical Union honored Espenak by naming asteroid 14120 after him. On June 20, 2017, the U.S. Postal Service issued a special postage stamp to commemorate the 2017 eclipse that features two of Espenak's photographs. Espenak now lives in Portal, Arizona where he operates Bifrost Astronomical Observatory.