ONE SPOT, TWO ECLIPSES

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The Great American Solar Eclipse of piqued the interest of a whole new population of amateur astronomers in seeing more of these events. We have a rather unique opportunity coming up in the near future for just such observations. On Oct. 14, 2023 an **annular eclipse** will pass across the United States roughly from Eugene, OR to Brownsville, TX with over 90% of the Sun being obscured at maximum eclipse in the latter location. Maximum eclipse for this one will be in Panama where 95% of the Sun will be eclipsed. (Figure 1)

What is more generally known is that a **total solar eclipse** will pass from the U.S. border west of San Antonio, TX through Toledo, Ohio only 6 months later on Apr. 08, 2024 with maxim eclipse happening north of Mexico, City. (Figure 2)

But the fascinating thing for U.S. observers is that these two eclipses cross paths just a little west of San Antonio near Leakey, TX. (Figure 3) So you have the opportunity, with a little planning, to stand in the same spot to observe both eclipses! (Figure 4)

Shall we plan to meet on the mornings of Oct. 14, 2023 and Apr. 08, 2024 in Leakey, TX?!

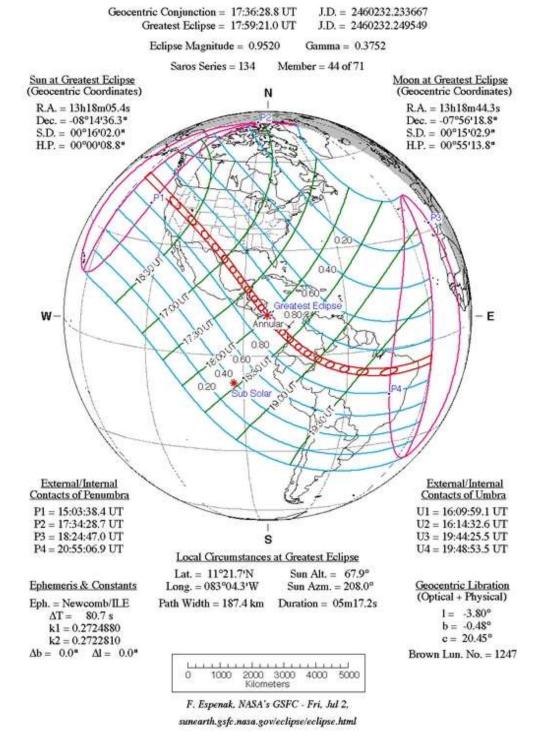
Acknowledgments:

Figure 1 - https://eclipse.gsfc.nasa.gov/SEplot/SEplot2001/SE2023Oct14A.GIF

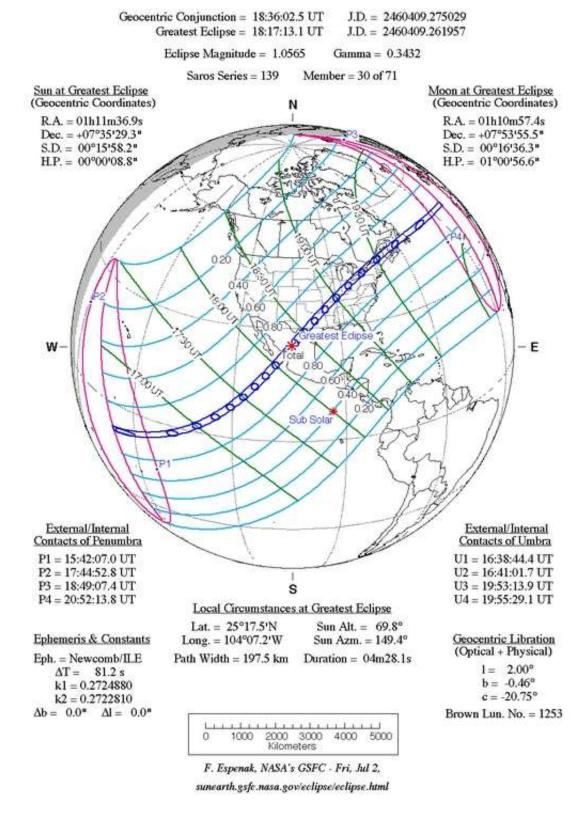
Figure 2 - https://eclipse.gsfc.nasa.gov/SEplot/SEplot2001/SE2024Apr08T.GIF

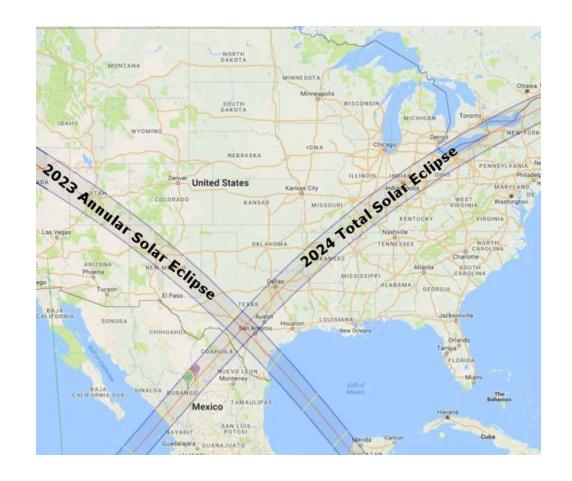
Figure 3 and Figure 4 – Google maps.

Annular Solar Eclipse of 2023 Oct 14



Total Solar Eclipse of 2024 Apr 08





Overplot of the Oct.14, 2023 annular eclipse (upper left to lower right) with the total solar eclipse of Apr. 8, 2024 (lower left to upper right)

