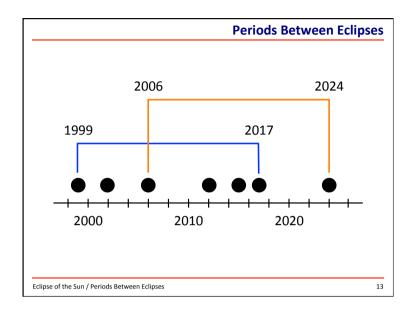


	How Long is a Month
Synodic Month	
New Moon to New Moon	29.53 days
Draconic Month	
Node to Node	27.21 days
Anomalistic Month	
Perigee to Perigee	27.55 days
ose of the Sun / Month	

Periods Between Eclipses 223 Synodic months = 6585.32 days 242 Draconic months = 6585.36 days 239 Anomalistic months = 6585.54 days Over this time period, the so-called saros cycle, the Moon's orbital periods are back in 'synch'. Two eclipses separated by one saros cycle have similar geometries and so the eclipses repeat.



			Saro	
Date	ØM/ØS	Length	Seen from	
1988 Mar 18	1.046	3 ^m 46 ^s	Asia	
2006 Mar 29	1.052	4 ^m 07 ^s	Africa	
2024 Apr 08	1.057	4 ^m 28 ^s	Americas	
2042 Apr 20	1.061	4 ^m 51 ^s	Asia	
2060 Apr 30	1.066	5 ^m 15 ^s	Africa	
2078 May 11	1.070	5 ^m 40 ^s	Americas	
2096 May 22	1.074	6 ^m 06 ^s	Asia	
e of the Sun / Periods Between Eclipses				

			Eclipses Coming Soon
Date	Total?	Length	Seen from
2006 Mar 29	Total	4 ^m 07 ^s	Africa, Turkey
2015 Mar 20	Total	2 ^m 47 ^s	N Atlantic, Faeroes
2016 Mar 09	Total	4 ^m 09 ^s	Australia
2016 Sep 01	Annular	3 ^m 06 ^s	Africa
2017 Feb 26	Annular	0 ^m 44 ^s	S America, Africa
2017 Aug 21	Total	2 ^m 40 ^s	N America
2019 July 02	Total	4 ^m 33 ^s	S Pacific, S America
ose of the Sun / Periods Betwee	n Eclipses		15

