

**Table 5: Total Lunar Eclipse of 2015 September 28
Crater Immersion and Emerision Times**

UT of Immersion	Crater Name		UT of Emerision	Crater Name
01:10	Riccioli		03:31	Riccioli
01:11	Grimaldi		03:31	Grimaldi
01:15	Aristarchus		03:33	Billy
01:18	Billy		03:37	Campanus
01:18	Kepler		03:38	Tycho
01:25	Pytheas		03:43	Kepler
01:26	Copernicus		03:45	Aristarchus
01:28	Timocharis		03:51	Copernicus
01:30	Plato		03:53	Pytheas
01:31	Campanus		03:58	Timocharis
01:34	Autolycus		04:04	Plato
01:38	Aristoteles		04:05	Autolycus
01:39	Eudoxus		04:05	Manilius
01:39	Manilius		04:06	Dionysius
01:42	Menelaus		04:08	Menelaus
01:43	Tycho		04:11	Censorinus
01:45	Dionysius		04:11	Plinius
01:46	Plinius		04:11	Eudoxus
01:47	Endymion		04:12	Aristoteles
01:53	Censorinus		04:12	Goclenius
01:55	Proclus		04:16	Messier
01:57	Taruntius		04:16	Langrenus
01:59	Messier		04:18	Taruntius
02:00	Goclenius		04:20	Proclus
02:05	Langrenus		04:20	Endymion

Predictions include a ~1% enlargement of umbral shadow due to Earth's atmosphere.

"Eclipses During 2015", Fred Espenak,
Observer's Handbook 2015, Royal Astronomical Society of Canada