

Table 1:**Total Lunar Eclipse of 2014 April 15
Crater Immersion and Emersion Times**

UT of Immersion	Crater Name
06:05	Riccioli
06:07	Aristarchus
06:07	Grimaldi
06:13	Kepler
06:16	Billy
06:18	Pytheas
06:20	Plato
06:20	Timocharis
06:21	Copernicus
06:26	Autolycus
06:28	Aristoteles
06:29	Eudoxus
06:31	Campanus
06:33	Manilius
06:36	Menelaus
06:37	Endymion
06:40	Plinius
06:41	Dionysius
06:45	Tycho
06:48	Censorinus
06:48	Proclus
06:52	Taruntius
06:54	Messier
06:55	Goclenius
06:59	Langrenus

UT of Emersion	Crater Name
08:30	Riccioli
08:31	Grimaldi
08:36	Billy
08:43	Campanus
08:44	Aristarchus
08:45	Kepler
08:47	Tycho
08:54	Copernicus
08:56	Pytheas
09:00	Timocharis
09:03	Plato
09:07	Autolycus
09:10	Manilius
09:12	Aristoteles
09:13	Eudoxus
09:13	Dionysius
09:14	Menelaus
09:18	Plinius
09:20	Endymion
09:20	Censorinus
09:23	Goclenius
09:26	Messier
09:26	Taruntius
09:27	Proclus
09:28	Langrenus

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

"Eclipses During 2014," F. Espenak, **Observers Handbook: 2014**,
Royal Astronomical Society of Canada.