

**Table 3:****Total Lunar Eclipse of 2014 October 08  
Crater Immersion and Emersion Times**

<b>UT of Immersion</b>	<b>Crater Name</b>
09:20	Grimaldi
09:20	Riccioli
09:21	Billy
09:26	Campanus
09:31	Tycho
09:32	Kepler
09:38	Aristarchus
09:40	Copernicus
09:45	Pytheas
09:51	Timocharis
09:54	Dionysius
09:54	Manilius
09:58	Menelaus
09:59	Autolycus
09:59	Censorinus
10:01	Goclenius
10:01	Plinius
10:04	Messier
10:06	Langrenus
10:06	Plato
10:06	Taruntius
10:10	Eudoxus
10:10	Proclus
10:12	Aristoteles
10:22	Endymion

<b>UT of Emersion</b>	<b>Crater Name</b>
11:33	Aristarchus
11:33	Riccioli
11:34	Grimaldi
11:40	Kepler
11:41	Plato
11:41	Billy
11:45	Pytheas
11:46	Timocharis
11:48	Copernicus
11:51	Aristoteles
11:52	Autolycus
11:53	Eudoxus
11:53	Campanus
12:00	Endymion
12:02	Manilius
12:03	Tycho
12:05	Menelaus
12:09	Plinius
12:09	Dionysius
12:18	Censorinus
12:19	Proclus
12:22	Taruntius
12:24	Messier
12:24	Goclenius
12:30	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.