

**Table 3: Total Lunar Eclipse of 2015 April 04
Crater Immersion and Emersion Times**

| UT of Immersion | Crater Name | | UT of Emersion | Crater Name |
|------------------------|--------------------|--|-----------------------|--------------------|
| 10:20 | Riccioli | | 12:30 | Plato |
| 10:20 | Grimaldi | | 12:35 | Aristarchus |
| 10:25 | Billy | | 12:38 | Aristoteles |
| 10:33 | Campanus | | 12:41 | Endymion |
| 10:36 | Kepler | | 12:41 | Riccioli |
| 10:40 | Tycho | | 12:43 | Grimaldi |
| 10:41 | Aristarchus | | 12:43 | Eudoxus |
| 10:47 | Copernicus | | 12:47 | Kepler |
| 10:52 | Pytheas | | 12:47 | Timocharis |
| 11:00 | Timocharis | | 12:47 | Pytheas |
| 11:06 | Dionysius | | 12:50 | Autolycus |
| 11:07 | Manilius | | 12:52 | Billy |
| 11:11 | Autolycus | | 12:54 | Copernicus |
| 11:12 | Menelaus | | 13:05 | Manilius |
| 11:14 | Censorinus | | 13:06 | Menelaus |
| 11:15 | Plinius | | 13:07 | Campanus |
| 11:15 | Goclenius | | 13:10 | Plinius |
| 11:19 | Plato | | 13:16 | Dionysius |
| 11:20 | Messier | | 13:18 | Proclus |
| 11:21 | Langrenus | | 13:19 | Tycho |
| 11:23 | Taruntius | | 13:24 | Censorinus |
| 11:26 | Eudoxus | | 13:25 | Taruntius |
| 11:27 | Proclus | | 13:30 | Messier |
| 11:30 | Aristoteles | | 13:33 | Goclenius |
| 11:46 | Endymion | | 13:37 | Langrenus |

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