

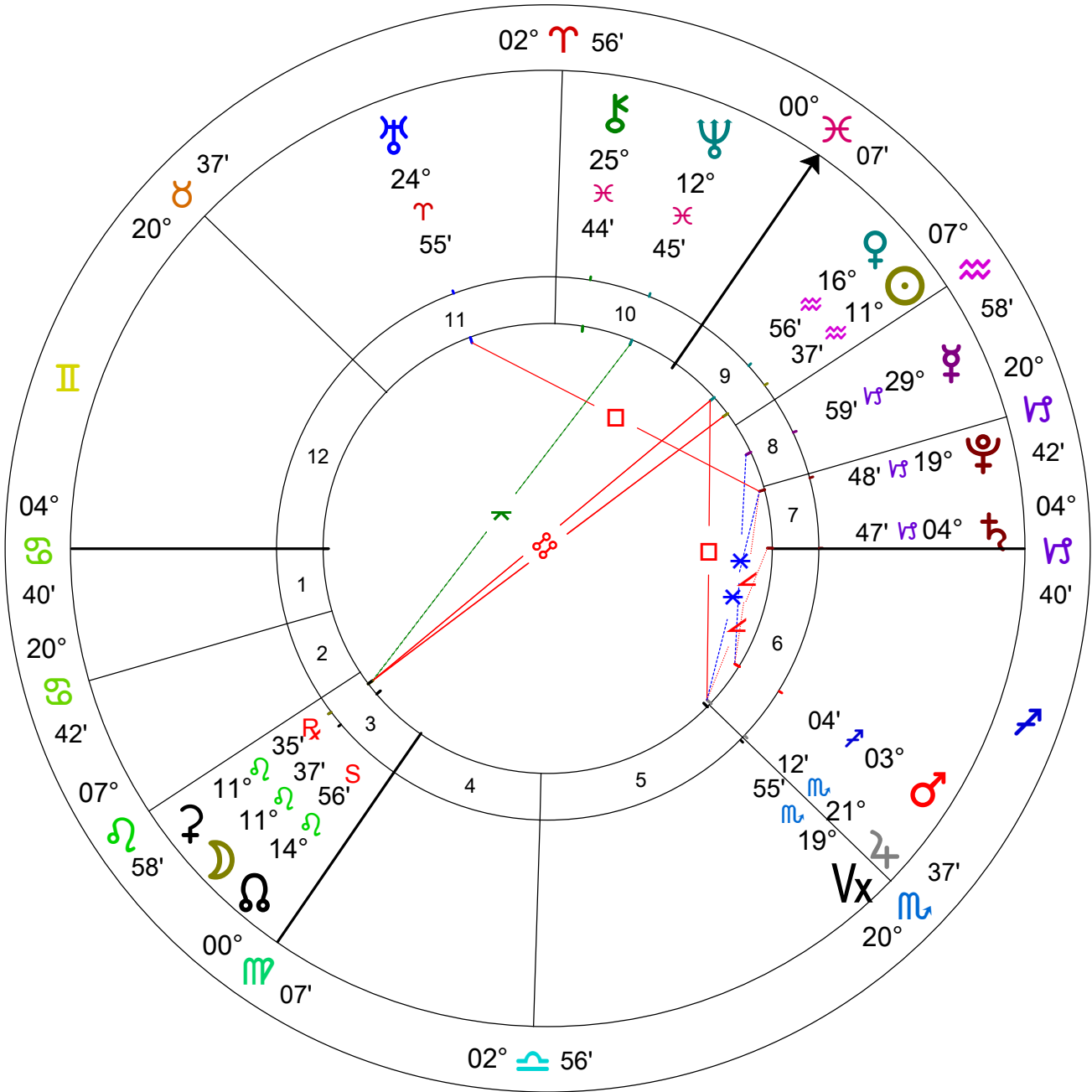
Total Lunar Eclipse (FM)

Event Chart

31 Jan 2018, Wed  
1:26:38 pm UT +0:00  
London, England  
51°N30' 000°W10'

Geocentric  
Tropical  
Placidus  
True Node

Dwarf Planets  
IAU Aug 2006



| Extra Ring: newplan.pte |                  |    |              |         |
|-------------------------|------------------|----|--------------|---------|
| Pt                      | Name             | Hs | Long.        | Decl.   |
| ♂                       | Eris 136199      | 11 | 22°♂48       | -02°21' |
| TX                      | 2002 TX300 55636 | 11 | 00°♂40       | +33°57' |
| ♀                       | Pallas 2         | 11 | 03°♂34       | -20°14' |
| Se                      | Sedna 90377      | 12 | 25°♂41 ♀     | +07°32' |
| ♄                       | Varuna 20000     | 2  | 00°♂20 ♀     | +26°57' |
| ♀                       | Ceres 1          | 3  | 11°♂35'11" ♀ | +30°05' |
| AW                      | 2002 AW197 55565 | 4  | 00°♂39 ♀     | -01°51' |
| Or                      | Orcus 90482      | 4  | 09°♂40 ♀     | -10°24' |
| FY                      | 2005 FY9 999003  | 5  | 04°♂42 ♀     | +24°13' |
| EL                      | 2003 EL61 999002 | 5  | 25°♂44 ♀     | +16°16' |
| ♄                       | Vesta 4          | 6  | 07°♂35'49" ♀ | -16°02' |
| Ix                      | Ixion 28978      | 6  | 26°♂50       | -28°26' |
| ♄                       | Quaoar 50000     | 6  | 01°♂23       | -15°40' |
| ♄                       | Hygeia 10        | 9  | 18°♂38       | -13°33' |

| Hs | Long.  | Hs | Long.  |
|----|--------|----|--------|
| 1  | 04°♂40 | 7  | 04°♂40 |
| 2  | 20°♂42 | 8  | 20°♂42 |
| 3  | 07°♂58 | 9  | 07°♂58 |
| 4  | 00°♂07 | 10 | 00°♂07 |
| 5  | 02°♂56 | 11 | 02°♂56 |
| 6  | 20°♂37 | 12 | 20°♂37 |