

# Partial Lunar Eclipse of 0071 Mar 04

Ecliptic Conjunction = 22:29:43.6 TD (= 19:45:52.9 UT)

Greatest Eclipse = 22:38:14.3 TD (= 19:54:23.6 UT)

Penumbral Magnitude = 1.4201

P. Radius = 1.2438°

Gamma = 0.7872

Umbral Magnitude = 0.4069

U. Radius = 0.7109°

Axis = 0.7598°

Saros Series = 53

Member = 60 of 72

Sun at Greatest Eclipse  
(Geocentric Coordinates)

R.A. = 22h54m56.3s

Dec. = -07°00'20.4"

S.D. = 00°15'59.3"

H.P. = 00°00'08.8"

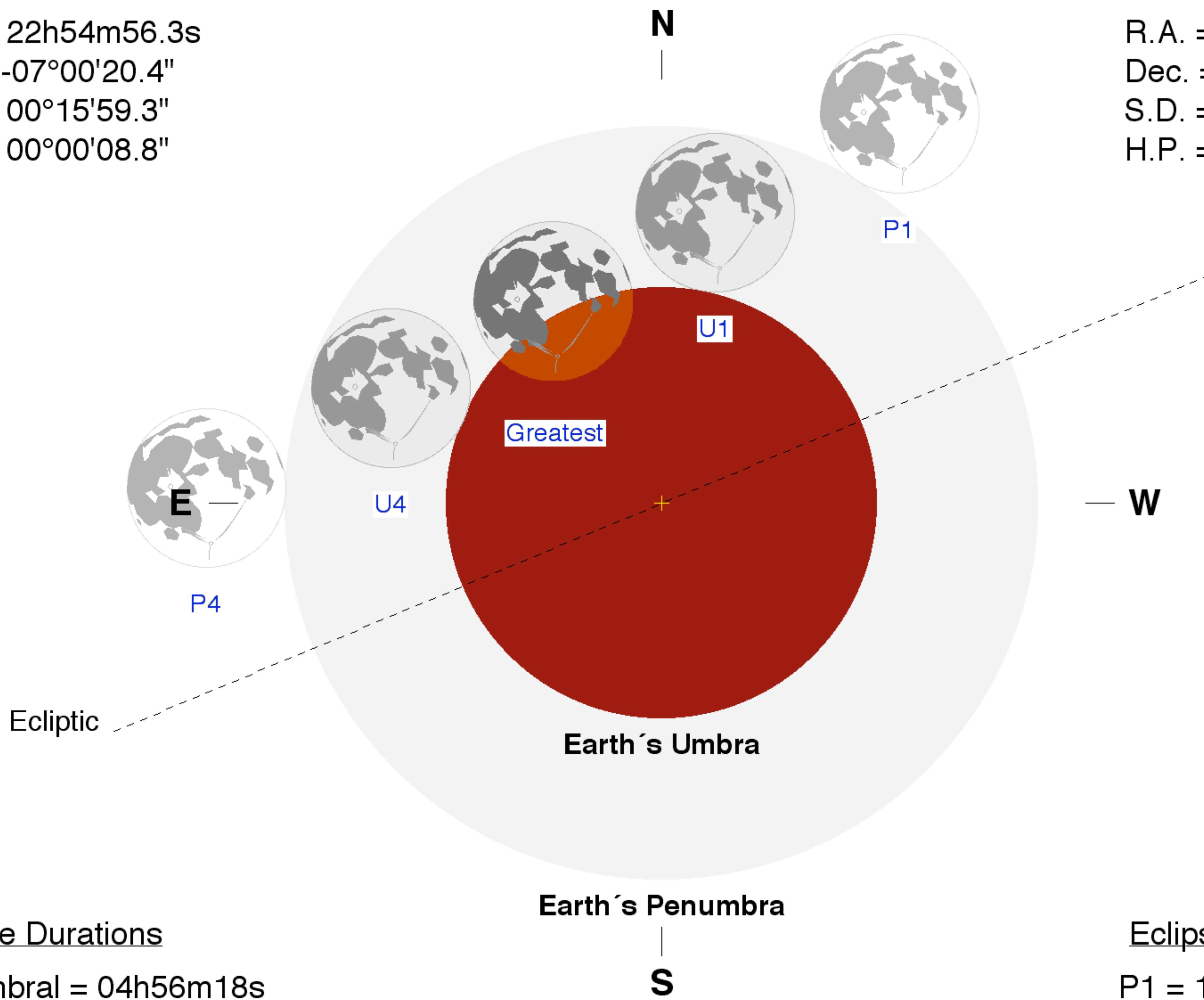
Moon at Greatest Eclipse  
(Geocentric Coordinates)

R.A. = 10h56m23.6s

Dec. = +07°40'28.2"

S.D. = 00°15'46.8"

H.P. = 00°57'54.8"



## Eclipse Durations

Penumbral = 04h56m18s

Umbral = 02h18m44s

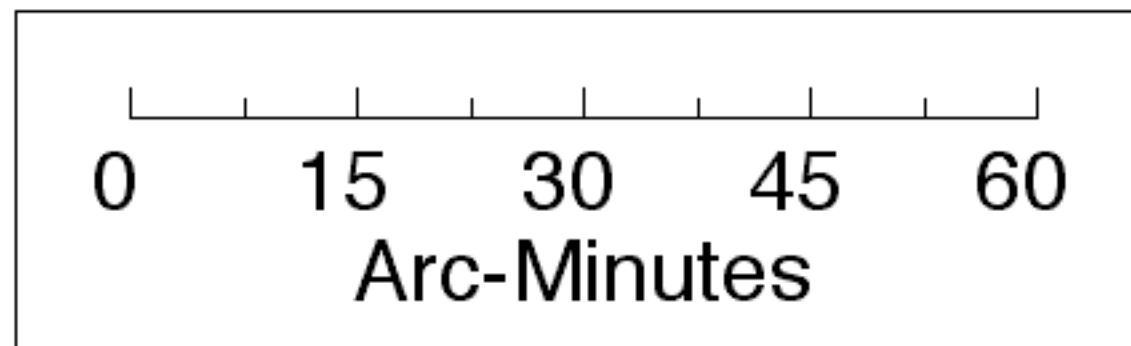
## Eclipse Contacts

P1 = 17:26:13 UT

U1 = 18:44:57 UT

U4 = 21:03:41 UT

P4 = 22:22:31 UT



$\Delta T = 9831$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC  
[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

