

Figure 1

Penumbral Lunar Eclipse of 2017 Feb 11

Ecliptic Conjunction = 00:34:00.5 TD (= 00:32:52.5 UT)

Greatest Eclipse = 00:45:02.1 TD (= 00:43:54.0 UT)

Penumbral Magnitude = 0.9883

P. Radius = 1.2505°

Gamma = -1.0254

Umbral Magnitude = -0.0354

U. Radius = 0.7103°

Axis = 0.9928°

Saros Series = 114

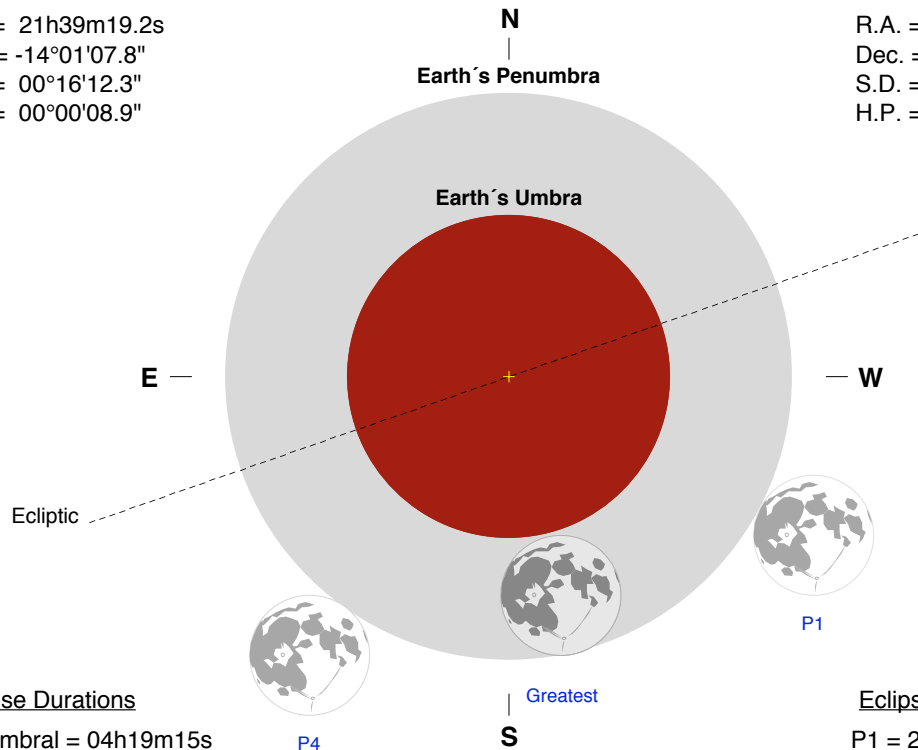
Member = 59 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 21h39m19.2s
Dec. = -14°01'07.8"
S.D. = 00°16'12.3"
H.P. = 00°00'08.9"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 09h38m22.6s
Dec. = +13°03'10.1"
S.D. = 00°15'49.8"
H.P. = 00°58'05.6"

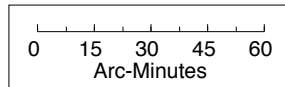


Eclipse Durations

Penumbral = 04h19m15s

Eclipse Contacts

P1 = 22:34:14 UT
P4 = 02:53:29 UT



$\Delta T = 68$ s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

©2016 F. Espenak
www.EclipseWise.com

