

Penumbral Lunar Eclipse of 2017 Feb 11

Ecliptic Conjunction = 00:34:01.4 TD (= 00:32:51.3 UT)

Greatest Eclipse = 00:45:03.0 TD (= 00:43:52.9 UT)

Penumbral Magnitude = 0.9884

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"

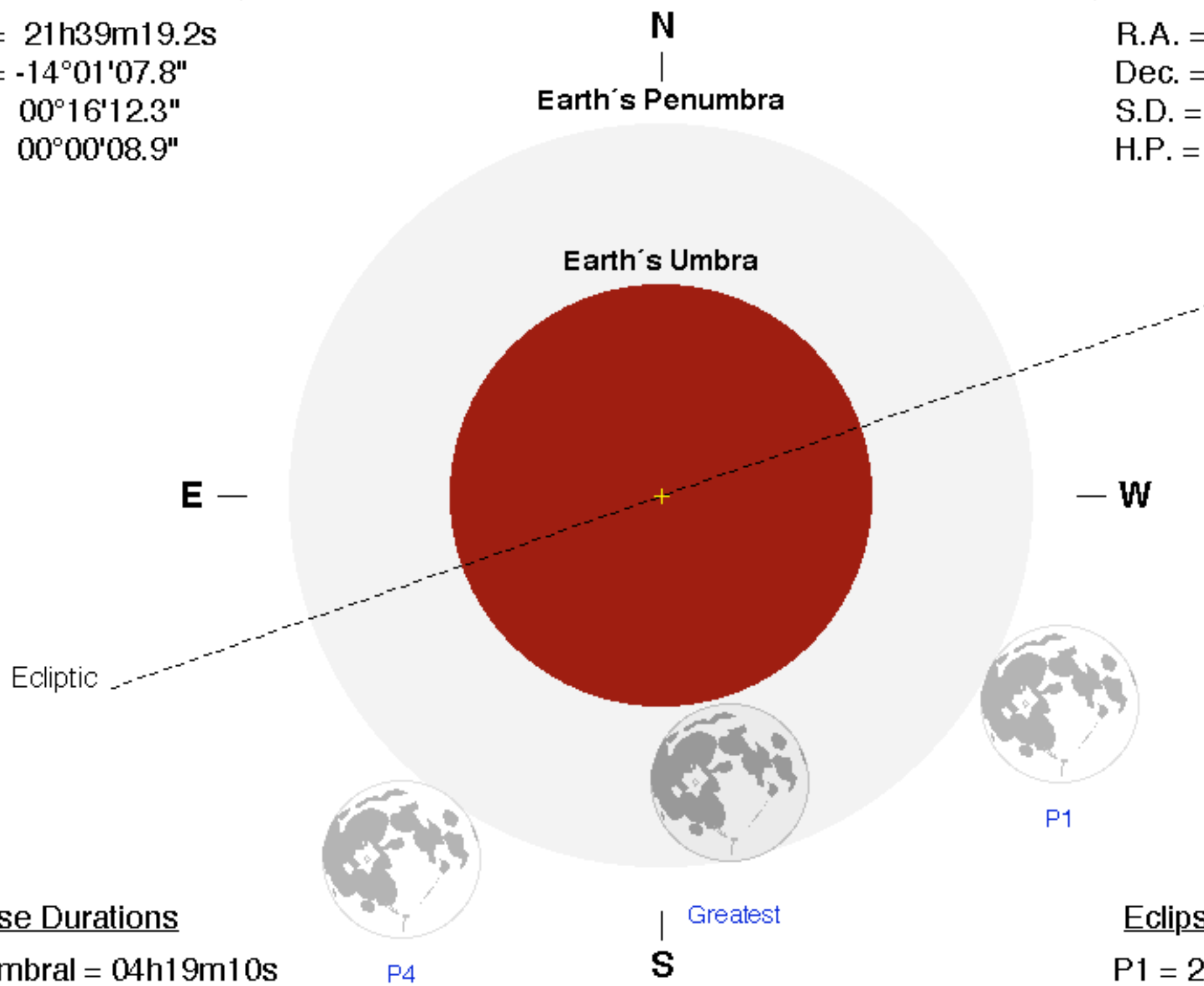
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h38m22.6s

Dec. = +13°03'10.1"

S.D. = 00°15'49.7"

H.P. = 00°58'05.6"



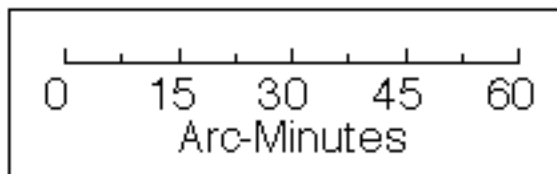
Eclipse Durations

Penumbral = 04h19m10s

Eclipse Contacts

P1 = 22:34:16 UT

P4 = 02:53:26 UT



$\Delta T = 70$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

