

Penumbral Lunar Eclipse of 2035 Feb 22

Ecliptic Conjunction = 08:55:06.5 TD (= 08:53:45.4 UT)

Greatest Eclipse = 09:06:12.0 TD (= 09:04:50.9 UT)

Penumbral Magnitude = 0.9652

P. Radius = 1.2527°

Gamma = -1.0367

Umbral Magnitude = -0.0535

U. Radius = 0.7137°

Axis = 1.0066°

Saros Series = 114 Member = 60 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h21m54.2s

Dec. = -10°11'53.8"

S.D. = 00°16'10.2"

H.P. = 00°00'08.9"

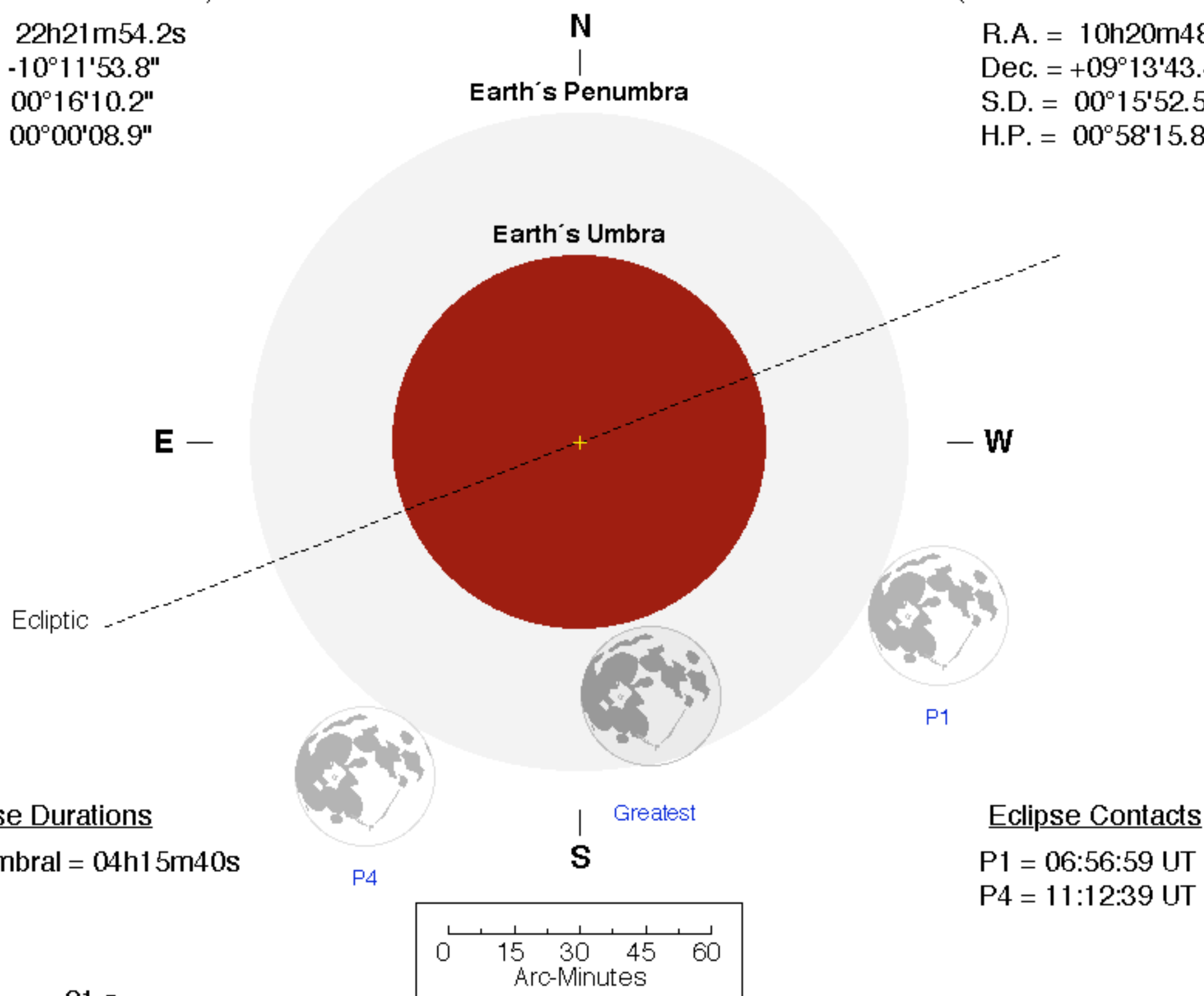
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h20m48.3s

Dec. = +09°13'43.4"

S.D. = 00°15'52.5"

H.P. = 00°58'15.8"



Eclipse Durations

Penumbral = 04h15m40s

Eclipse Contacts

P1 = 06:56:59 UT

P4 = 11:12:39 UT

$\Delta T = 81$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

