

Partial Lunar Eclipse of 2026 Aug 28

Greatest Eclipse = 04:14:04.3 TD (= 04:12:55.1 UTC)

Penumbral Magnitude = 1.9664
Umbral Magnitude = 0.9319

Gamma = 0.4964
Axis = 0.4647°

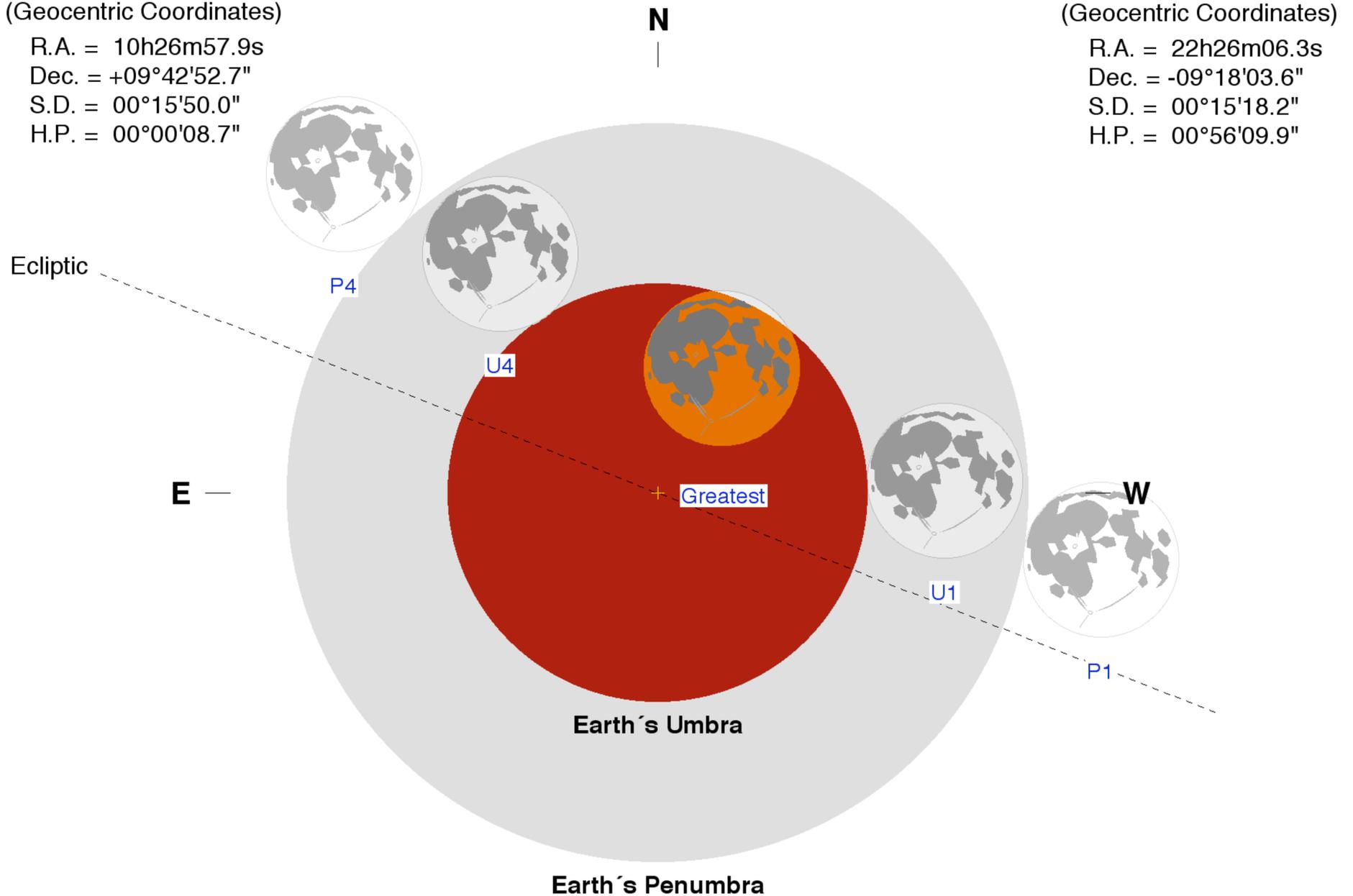
Saros Series = 138
Saros Member = 29 of 82

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h26m57.9s
Dec. = +09°42'52.7"
S.D. = 00°15'50.0"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse (Geocentric Coordinates)

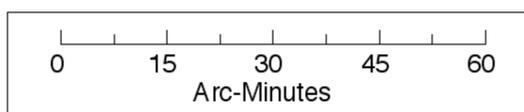
R.A. = 22h26m06.3s
Dec. = -09°18'03.6"
S.D. = 00°15'18.2"
H.P. = 00°56'09.9"



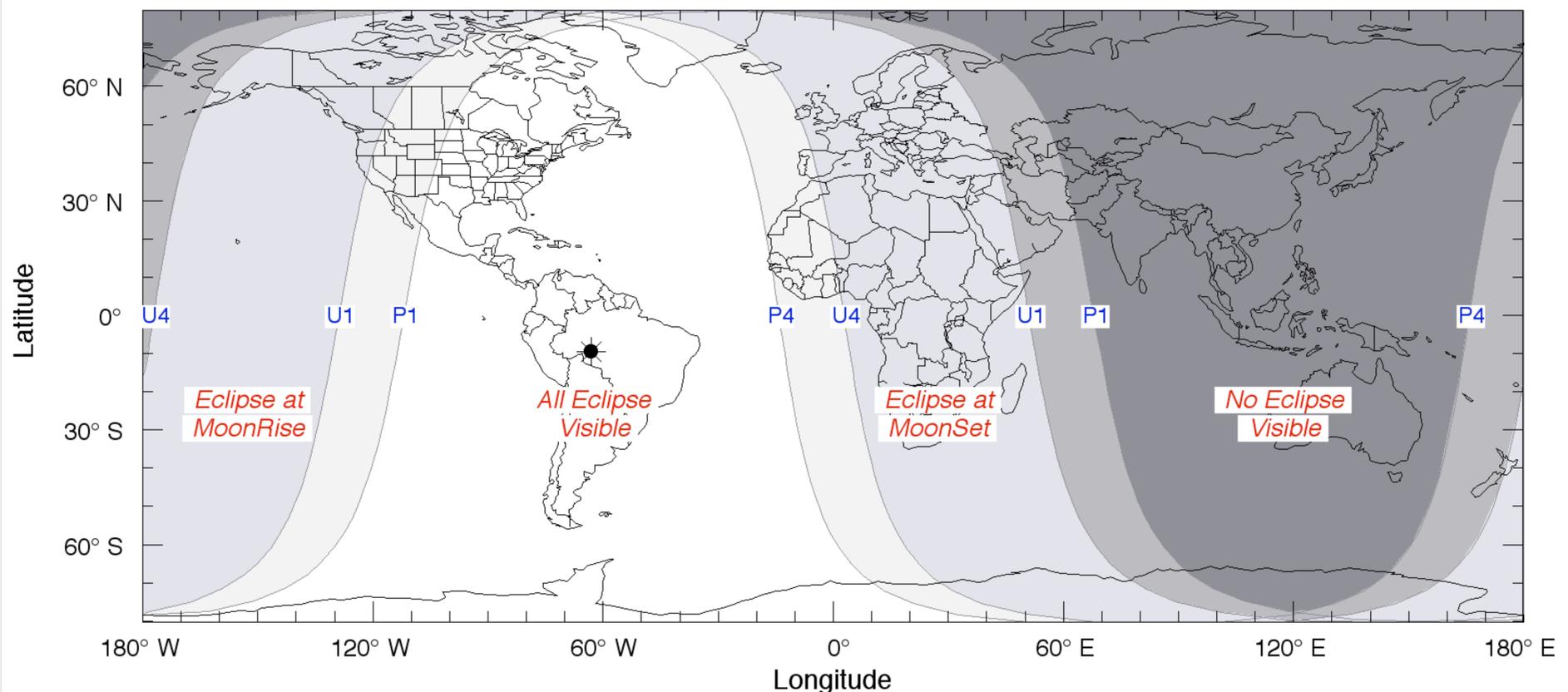
Eclipse Durations
Penumbral = 05h38m31s
Umbral = 03h18m48s

Eph. = JPL DE430
Rule = Herald-Sinnott
 $\Delta T = 69$ s

Eclipse Contacts
P1 = 01:23:32 UTC
U1 = 02:33:25 UTC
U4 = 05:52:12 UTC
P4 = 07:02:03 UTC



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Adapted from *21st Century Canon of Lunar Eclipses*, Fred Espenak, 2020.