Partial Lunar Eclipse of 2026 Aug 28

Ecliptic Conjunction = 04:19:41.5 TD (= 04:18:26.0 UT)
Greatest Eclipse = 04:14:04.4 TD (= 04:12:49.0 UT)

Penumbral Magnitude = 1.9645 P. Radius = 1.2117° Gamma = 0.4964
Umbral Magnitude = 0.9299 U. Radius = 0.6840° Axis = 0.4647°

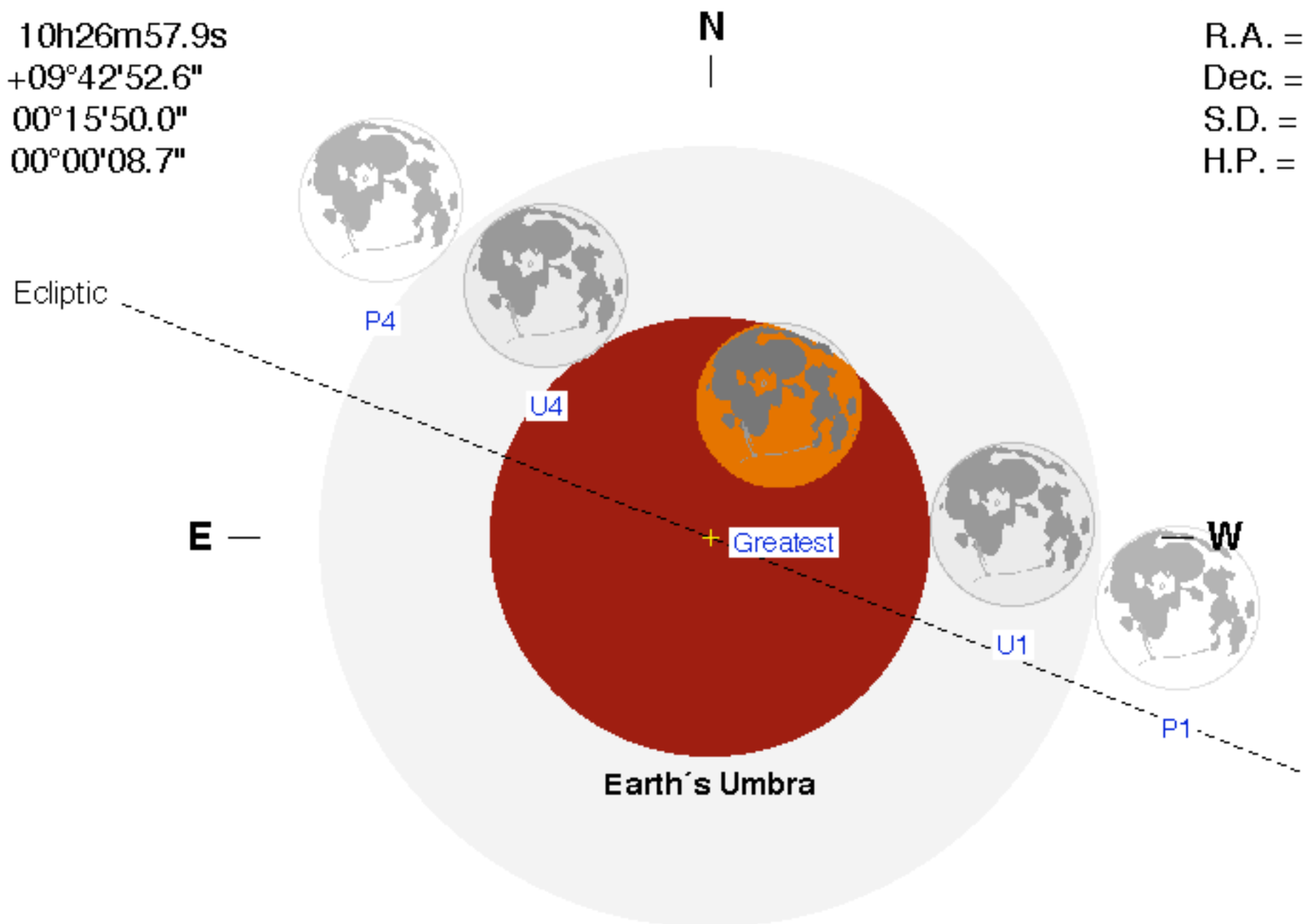
Saros Series = 138 Member = 30 of 83

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 10h26m57.9s
Dec. = +09°42'52.6"
S.D. = 00°15'50.0"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 22h26m06.3s
Dec. = -09°18'03.5"
S.D. = 00°15'18.2"
H.P. = 00°56'09.9"



Eclipse Durations

Penumbral = 05h37m46s
Umbral = 03h18m07s

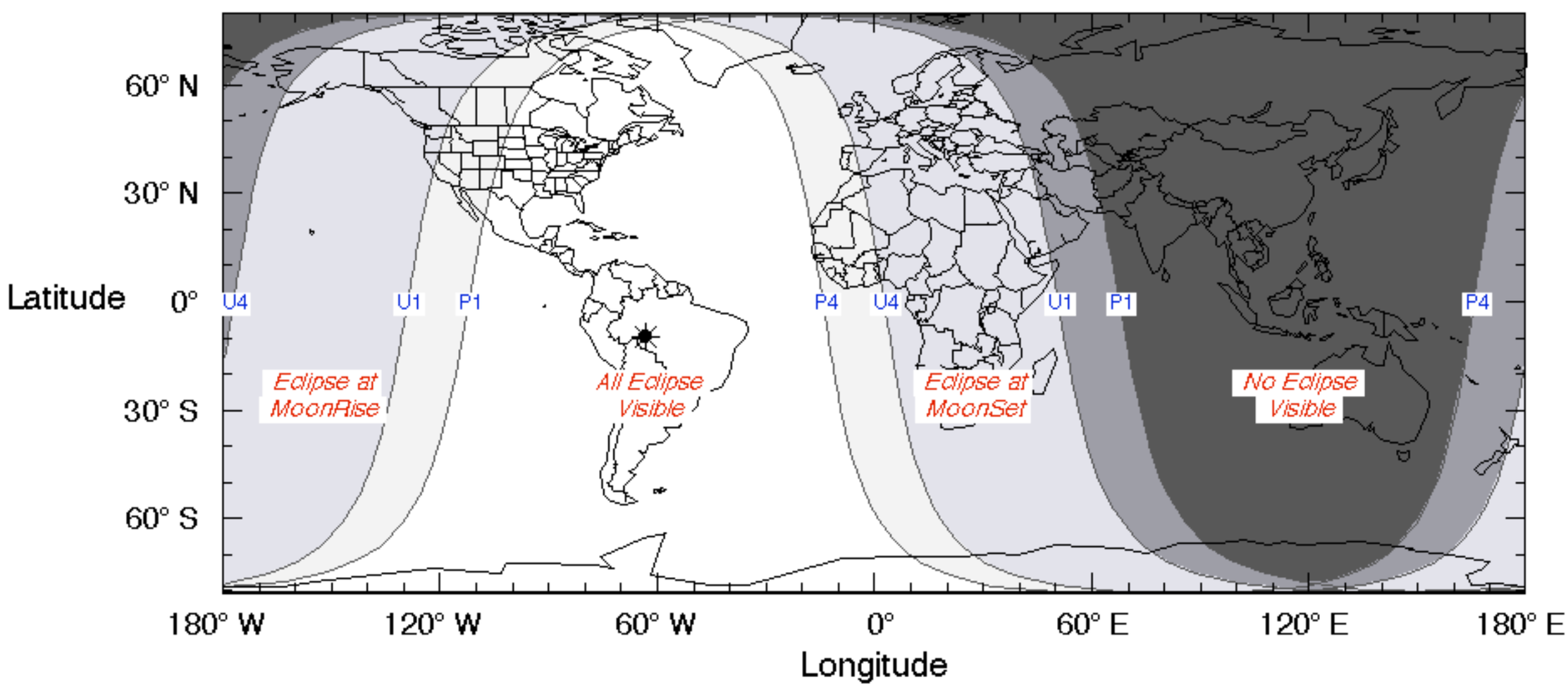
ΔT = 75 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

0 15 30 45 60
Arc-Minutes

F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

Eclipse Contacts

P1 = 01:23:55 UT
U1 = 02:33:48 UT
U4 = 05:51:55 UT
P4 = 07:01:41 UT



2009 Apr 29