

Total Lunar Eclipse of 1979 Sep 06

Ecliptic Conjunction = 10:59:24.9 TD (= 10:58:34.7 UT)

Greatest Eclipse = 10:55:02.1 TD (= 10:54:11.9 UT)

Penumbral Magnitude = 2.0421

P. Radius = 1.3004°

Gamma = -0.4305

Umbral Magnitude = 1.0936

U. Radius = 0.7715°

Axis = 0.4405°

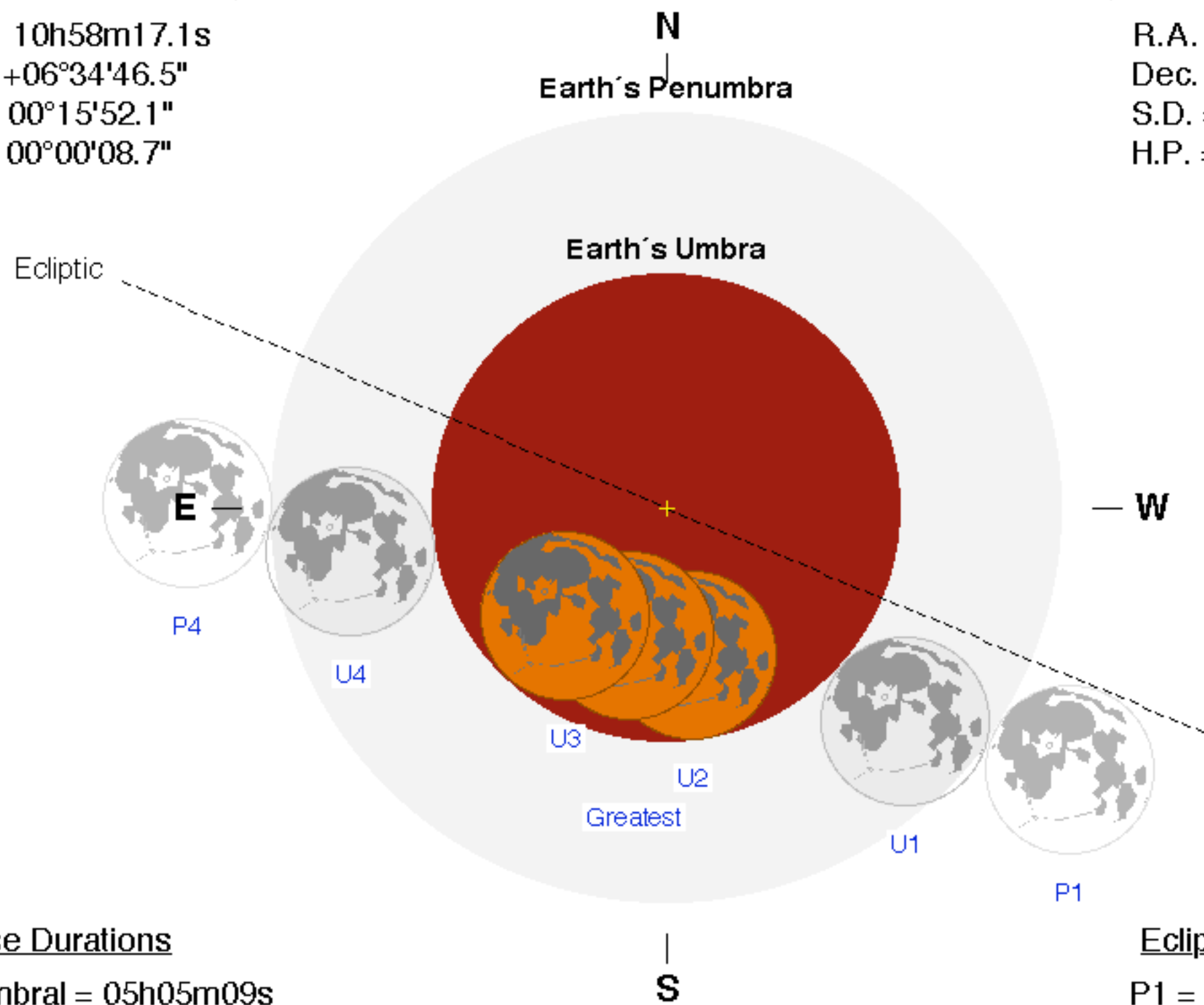
Saros Series = 137 Member = 26 of 81

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h58m17.1s
Dec. = +06°34'46.5"
S.D. = 00°15'52.1"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h58m48.1s
Dec. = -07°00'03.6"
S.D. = 00°16'43.7"
H.P. = 01°01'23.8"



Eclipse Durations

Penumbral = 05h05m09s
Umbral = 03h11m52s
Total = 00h44m25s

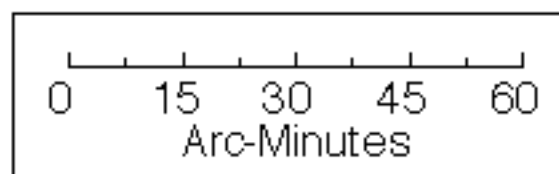
$\Delta T = 50$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 08:21:37 UT
U1 = 09:18:15 UT
U2 = 10:31:59 UT
U3 = 11:16:24 UT
U4 = 12:30:08 UT
P4 = 13:26:46 UT



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eclipse.gsfc.nasa.gov/eclipse.html

