

Total Lunar Eclipse of 2007 Aug 28

Ecliptic Conjunction = 10:36:10.9 TD (= 10:35:05.2 UT)

Greatest Eclipse = 10:38:26.8 TD (= 10:37:21.1 UT)

Penumbral Magnitude = 2.4526

P. Radius = 1.2677°

Gamma = -0.2145

Umbral Magnitude = 1.4758

U. Radius = 0.7399°

Axis = 0.2127°

Saros Series = 128 Member = 40 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h26m26.9s

Dec. = +09°45'56.7"

S.D. = 00°15'50.0"

H.P. = 00°00'08.7"

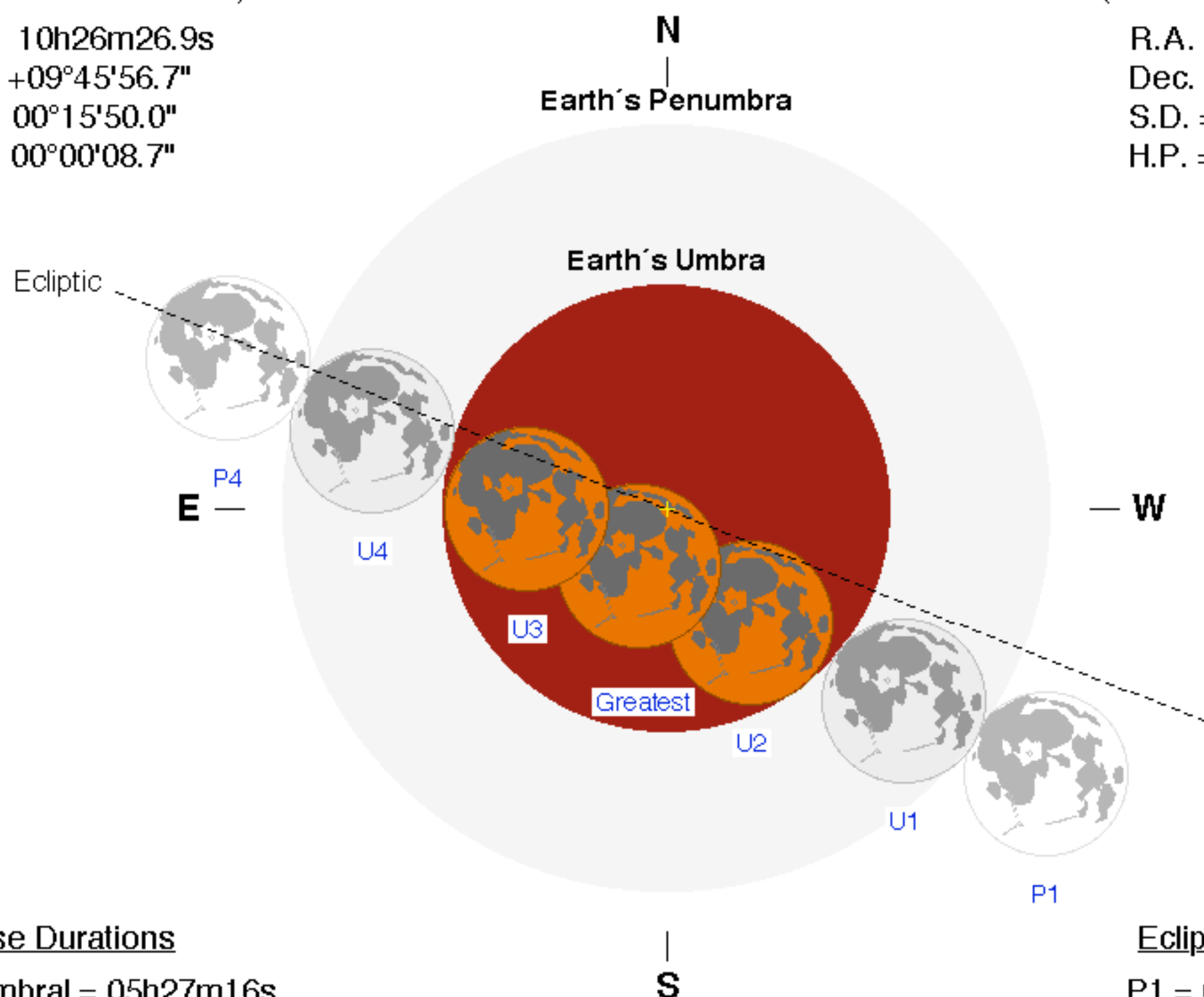
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h26m50.4s

Dec. = -09°57'18.5"

S.D. = 00°16'12.5"

H.P. = 00°59'29.2"



Eclipse Durations

Penumbral = 05h27m16s

Umbral = 03h32m12s

Total = 01h30m01s

$\Delta T = 66$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 07:53:40 UT

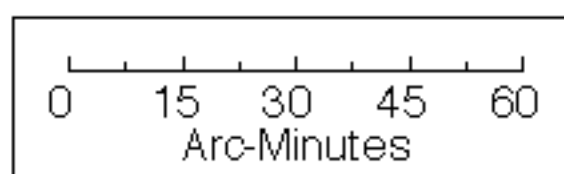
U1 = 08:51:16 UT

U2 = 09:52:21 UT

U3 = 11:22:22 UT

U4 = 12:23:28 UT

P4 = 13:20:57 UT



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eclipse.gsfc.nasa.gov/eclipse.html

