

Total Lunar Eclipse of 1960 Sep 05

Ecliptic Conjunction = 11:19:17.2 TD (= 11:18:43.7 UT)

Greatest Eclipse = 11:21:50.9 TD (= 11:21:17.4 UT)

Penumbral Magnitude = 2.4031

P. Radius = 1.2679°

Gamma = 0.2422

Umbral Magnitude = 1.4239

U. Radius = 0.7390°

Axis = 0.2400°

Saros Series = 127

Member = 39 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h56m53.2s

Dec. = +06°43'28.1"

S.D. = 00°15'52.0"

H.P. = 00°00'08.7"

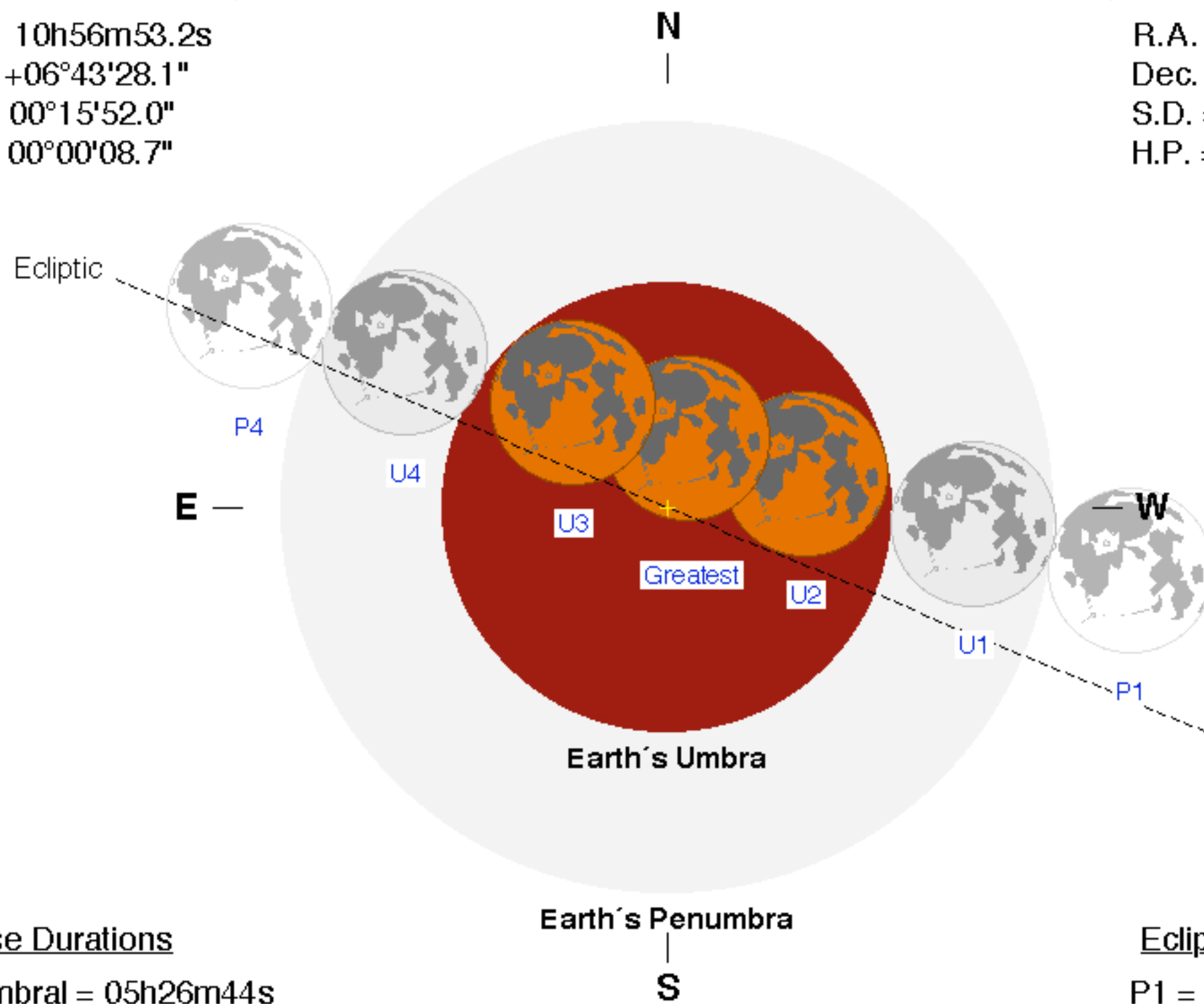
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h56m36.4s

Dec. = -06°29'41.1"

S.D. = 00°16'12.2"

H.P. = 00°59'28.0"



Eclipse Durations

Penumbral = 05h26m44s

Umbral = 03h30m50s

Total = 01h26m40s

$\Delta T = 33$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

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P1 = 08:37:58 UT

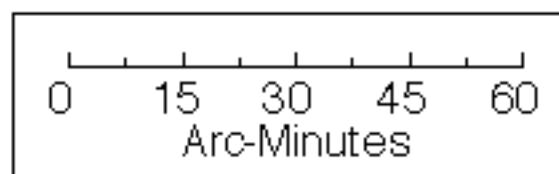
U1 = 09:35:52 UT

U2 = 10:37:57 UT

U3 = 12:04:37 UT

U4 = 13:06:41 UT

P4 = 14:04:42 UT



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eclipse.gsfc.nasa.gov/eclipse.html

