

Total Lunar Eclipse of 1927 Jun 15

Ecliptic Conjunction = 08:19:35.1 TD (= 08:19:11.0 UT)

Greatest Eclipse = 08:24:41.4 TD (= 08:24:17.3 UT)

Penumbral Magnitude = 2.0365

P. Radius = 1.2145°

Gamma = 0.4543

Umbral Magnitude = 1.0123

U. Radius = 0.6897°

Axis = 0.4272°

Saros Series = 119

Member = 57 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h30m33.6s

Dec. = +23°16'34.2"

S.D. = 00°15'44.7"

H.P. = 00°00'08.7"

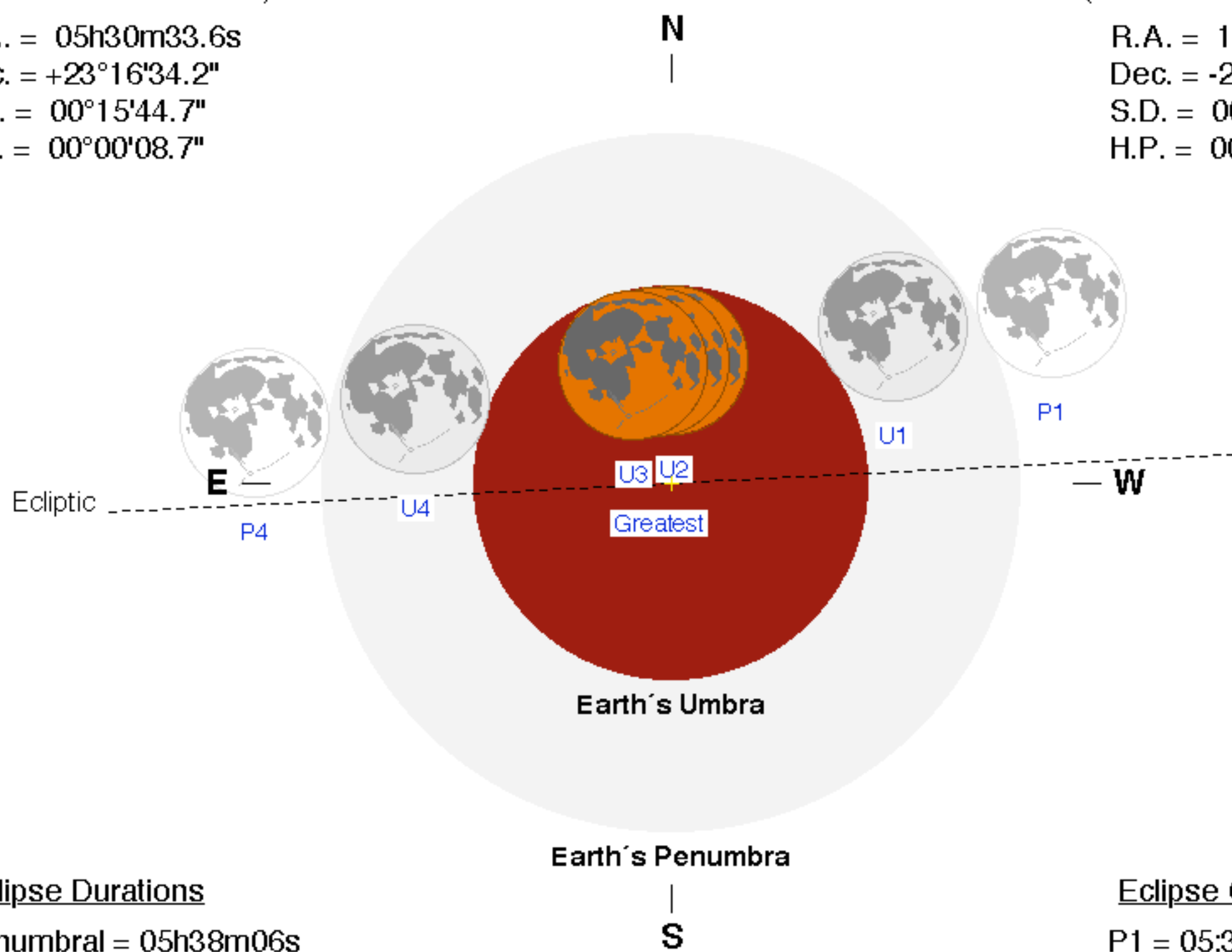
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h30m50.3s

Dec. = -22°51'13.6"

S.D. = 00°15'22.3"

H.P. = 00°56'25.0"



Eclipse Durations

Penumbral = 05h38m06s

Umbral = 03h22m47s

Total = 00h17m42s

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 05:35:12 UT

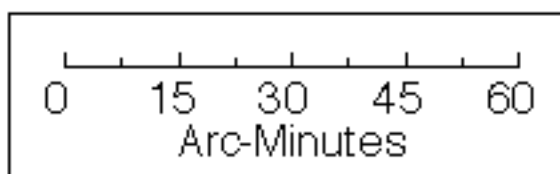
U1 = 06:42:56 UT

U2 = 08:15:28 UT

U3 = 08:33:10 UT

U4 = 10:05:43 UT

P4 = 11:13:18 UT



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eclipse.gsfc.nasa.gov/eclipse.html

