

Total Lunar Eclipse of 1909 Jun 04

Ecliptic Conjunction = 01:24:38.3 TD (= 01:24:28.7 UT)

Greatest Eclipse = 01:28:50.9 TD (= 01:28:41.3 UT)

Penumbral Magnitude = 2.1800

P. Radius = 1.2180°

Gamma = 0.3755

Umbral Magnitude = 1.1580

U. Radius = 0.6925°

Axis = 0.3542°

Saros Series = 119

Member = 56 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h45m19.3s

Dec. = +22°20'30.3"

S.D. = 00°15'45.8"

H.P. = 00°00'08.7"

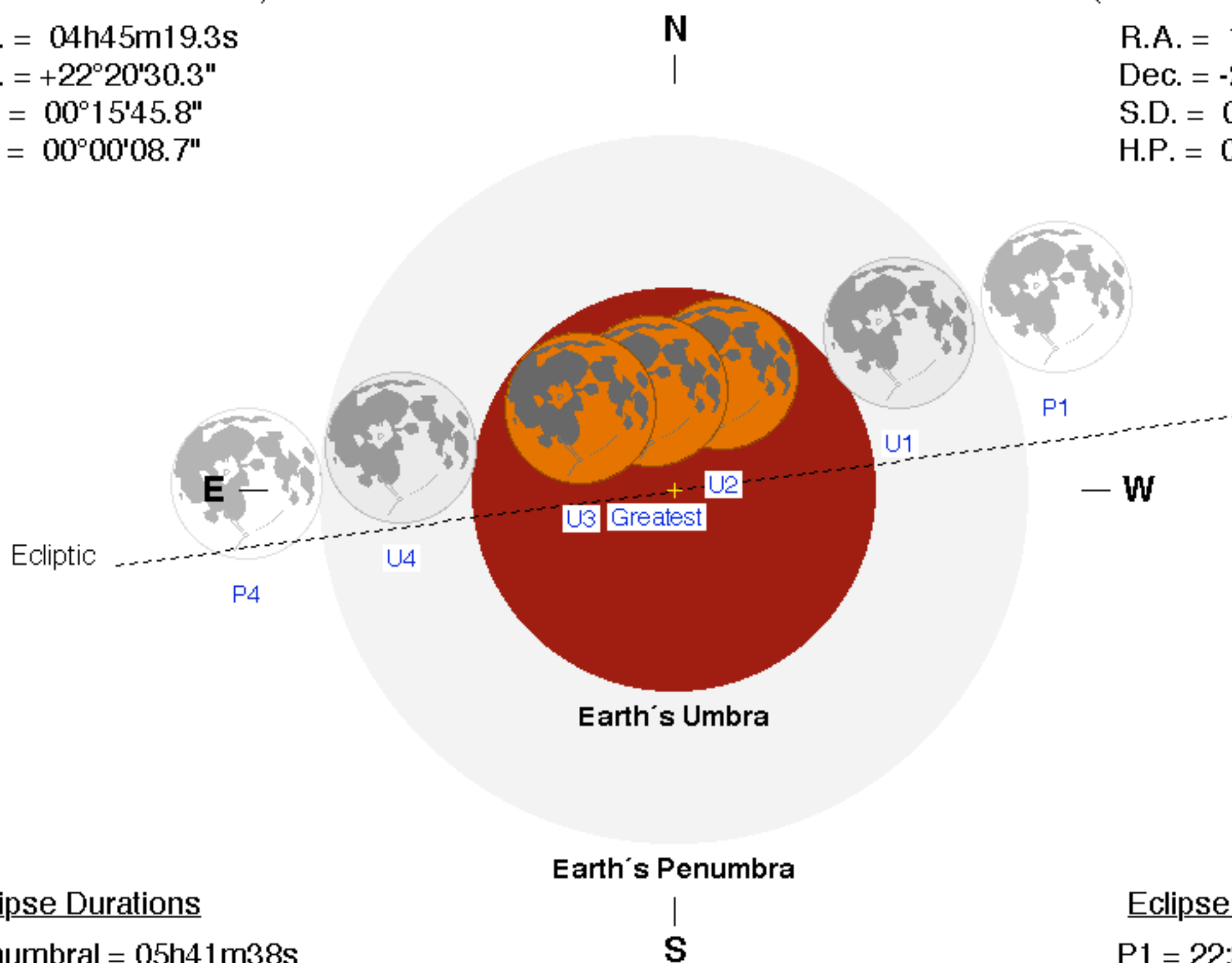
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h45m39.9s

Dec. = -21°59'47.6"

S.D. = 00°15'25.4"

H.P. = 00°56'36.3"



Eclipse Durations

Penumbral = 05h41m38s

Umbral = 03h30m14s

Total = 01h00m26s

$\Delta T = 10$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 22:37:50 UT

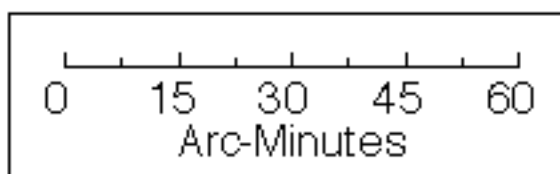
U1 = 23:43:36 UT

U2 = 00:58:30 UT

U3 = 01:58:56 UT

U4 = 03:13:50 UT

P4 = 04:19:27 UT



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eclipse.gsfc.nasa.gov/eclipse.html

