

Partial Lunar Eclipse of 2035 Aug 19

Ecliptic Conjunction = 01:01:29.4 TD (= 01:00:07.9 UT)

Greatest Eclipse = 01:12:15.3 TD (= 01:10:53.9 UT)

Penumbral Magnitude = 1.1507

P. Radius = 1.1981°

Gamma = 0.9433

Umbral Magnitude = 0.1037

U. Radius = 0.6714°

Axis = 0.8708°

Saros Series = 119

Member = 63 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h52m42.8s

Dec. = +12°52'21.2"

S.D. = 00°15'48.1"

H.P. = 00°00'08.7"

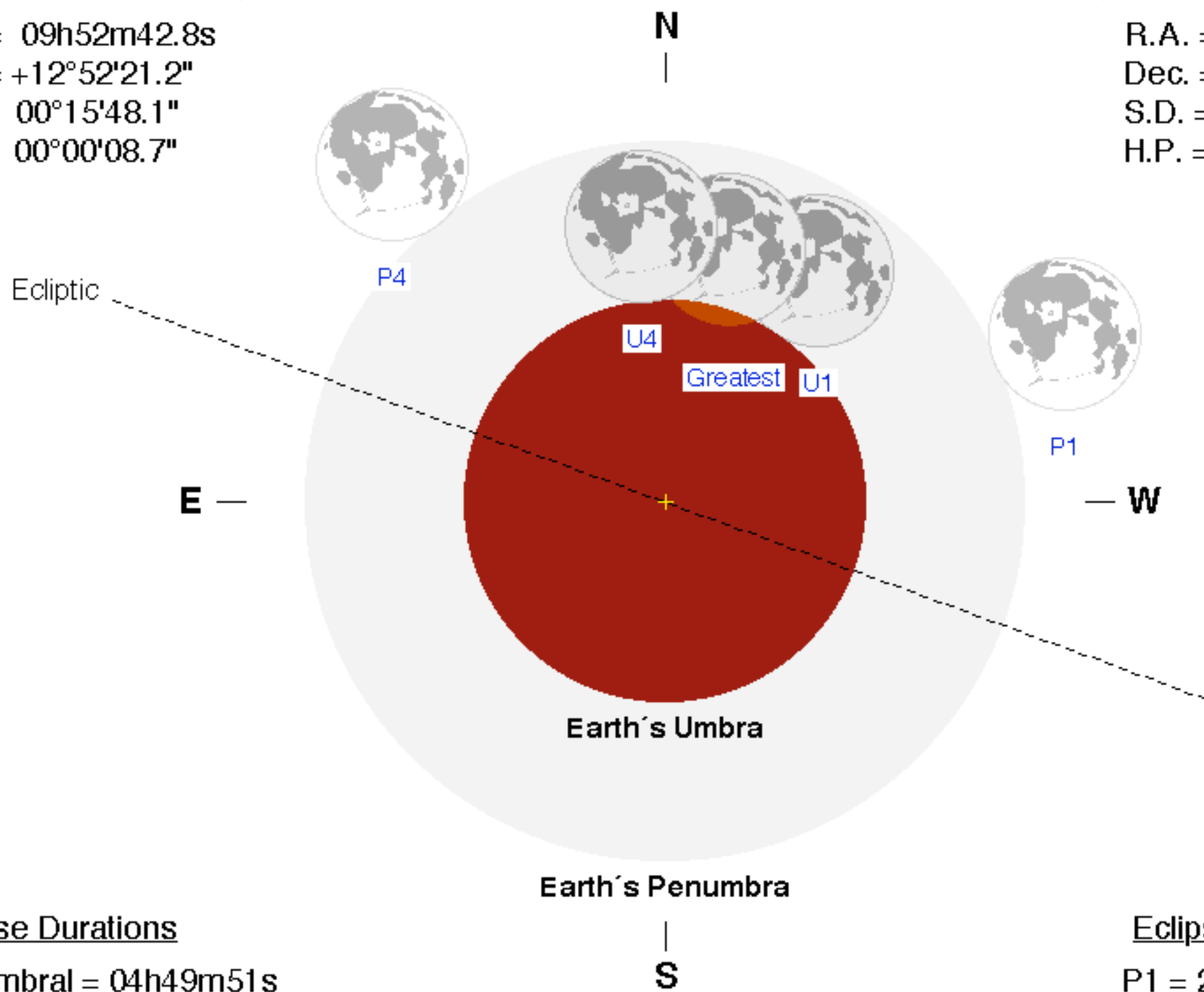
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h51m50.7s

Dec. = -12°01'40.5"

S.D. = 00°15'05.5"

H.P. = 00°55'23.3"



Eclipse Durations

Penumbral = 04h49m51s

Umbral = 01h16m31s

$\Delta T = 81$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 22:46:00 UT

U1 = 00:32:43 UT

U4 = 01:49:15 UT

P4 = 03:35:51 UT

F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

