

Partial Lunar Eclipse of 2048 Jun 26

Ecliptic Conjunction = 02:09:20.6 TD (= 02:07:49.1 UT)

Greatest Eclipse = 02:02:28.1 TD (= 02:00:56.6 UT)

Penumbral Magnitude = 1.5825

P. Radius = 1.2947°

Gamma = 0.6796

Umbral Magnitude = 0.6388

U. Radius = 0.7702°

Axis = 0.6931°

Saros Series = 140

Member = 27 of 80

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h22m31.9s

Dec. = +23°19'54.0"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

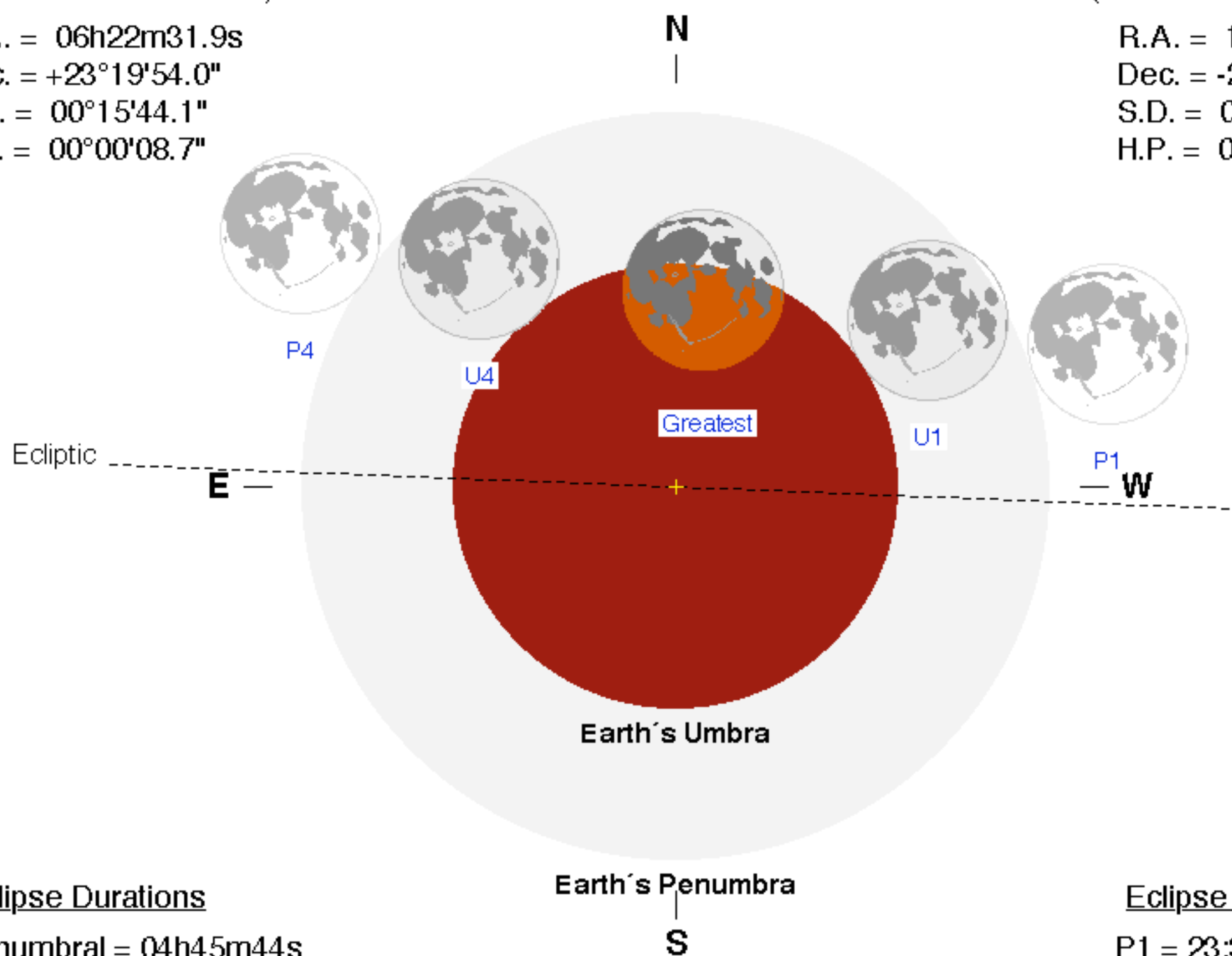
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h22m07.4s

Dec. = -22°38'42.2"

S.D. = 00°16'40.4"

H.P. = 01°01'11.4"



Eclipse Durations

Penumbral = 04h45m44s

Umbral = 02h39m10s

$\Delta T = 92$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

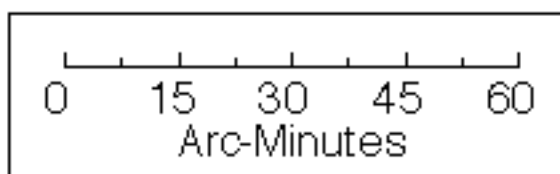
Eclipse Contacts

P1 = 23:38:05 UT

U1 = 00:41:21 UT

U4 = 03:20:30 UT

P4 = 04:23:49 UT



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

