

Partial Lunar Eclipse of 1972 Jul 26

Ecliptic Conjunction = 07:24:15.0 TD (= 07:23:32.1 UT)

Greatest Eclipse = 07:16:21.5 TD (= 07:15:38.7 UT)

Penumbral Magnitude = 1.5618

P. Radius = 1.2196°

Gamma = 0.7116

Umbral Magnitude = 0.5427

U. Radius = 0.6946°

Axis = 0.6726°

Saros Series = 138

Member = 27 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h22m46.8s

Dec. = +19°24'04.5"

S.D. = 00°15'44.9"

H.P. = 00°00'08.7"

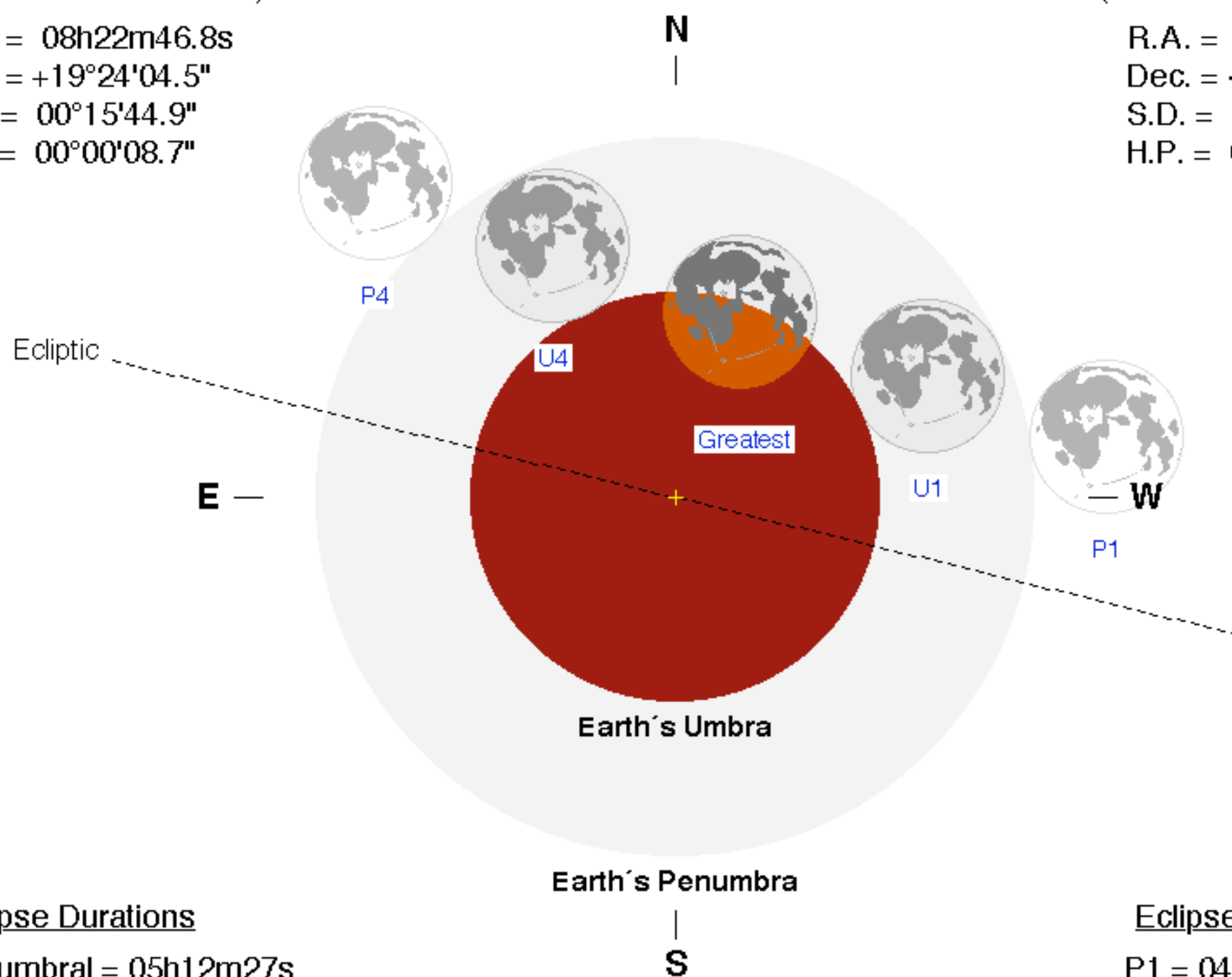
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h21m51.2s

Dec. = -18°45'55.3"

S.D. = 00°15'27.2"

H.P. = 00°56'42.9"



Eclipse Durations

Penumbral = 05h12m27s

Umbral = 02h40m08s

$\Delta T = 43$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 04:39:26 UT

U1 = 05:55:39 UT

U4 = 08:35:47 UT

P4 = 09:51:52 UT

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

