

Total Lunar Eclipse of 2007 Mar 03

Ecliptic Conjunction = 23:18:12.2 TD (= 23:17:06.7 UT)

Greatest Eclipse = 23:21:58.7 TD (= 23:20:53.2 UT)

Penumbral Magnitude = 2.3188

P. Radius = 1.1891°

Gamma = 0.3175

Umbral Magnitude = 1.2328

U. Radius = 0.6513°

Axis = 0.2884°

Saros Series = 123

Member = 52 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h57m19.2s

Dec. = -06°40'46.3"

S.D. = 00°16'08.0"

H.P. = 00°00'08.9"

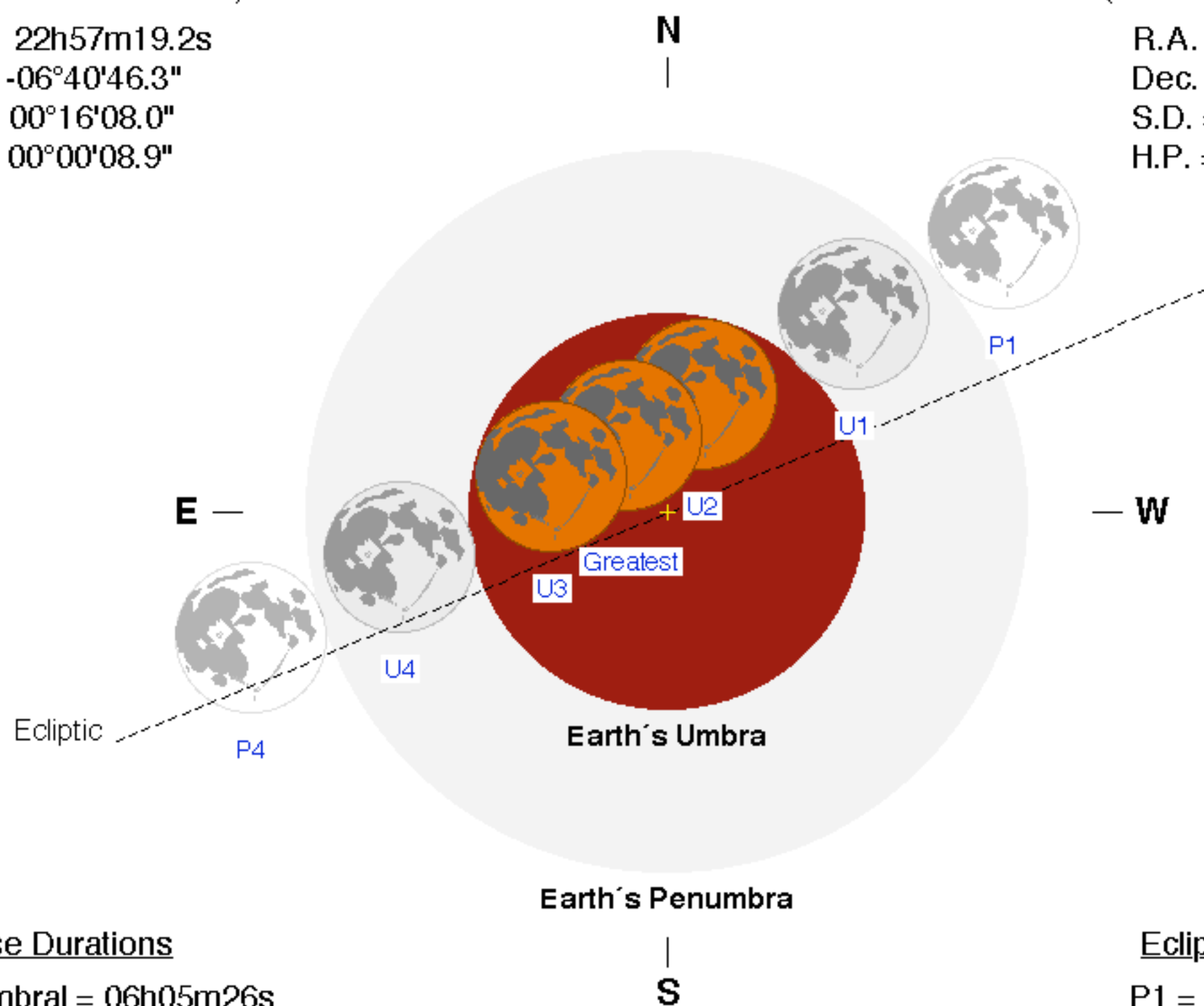
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h57m52.2s

Dec. = +06°56'00.7"

S.D. = 00°14'51.3"

H.P. = 00°54'31.1"



Eclipse Durations

Penumbral = 06h05m26s

Umbral = 03h41m04s

Total = 01h13m21s

$\Delta T = 65$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 20:18:11 UT

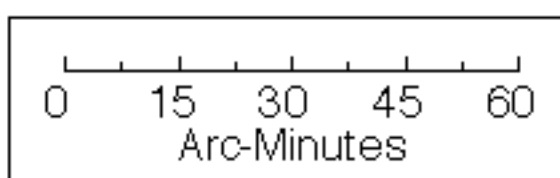
U1 = 21:30:20 UT

U2 = 22:44:12 UT

U3 = 23:57:33 UT

U4 = 01:11:24 UT

P4 = 02:23:37 UT



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

