

Partial Lunar Eclipse of 1997 Mar 24

Ecliptic Conjunction = 04:46:16.8 TD (= 04:45:14.3 UT)

Greatest Eclipse = 04:40:28.0 TD (= 04:39:25.6 UT)

Penumbral Magnitude = 1.9994

P. Radius = 1.1876°

Gamma = 0.4899

Umbral Magnitude = 0.9195

U. Radius = 0.6529°

Axis = 0.4451°

Saros Series = 132 Member = 29 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h13m09.7s

Dec. = +01°25'31.6"

S.D. = 00°16'02.5"

H.P. = 00°00'08.8"

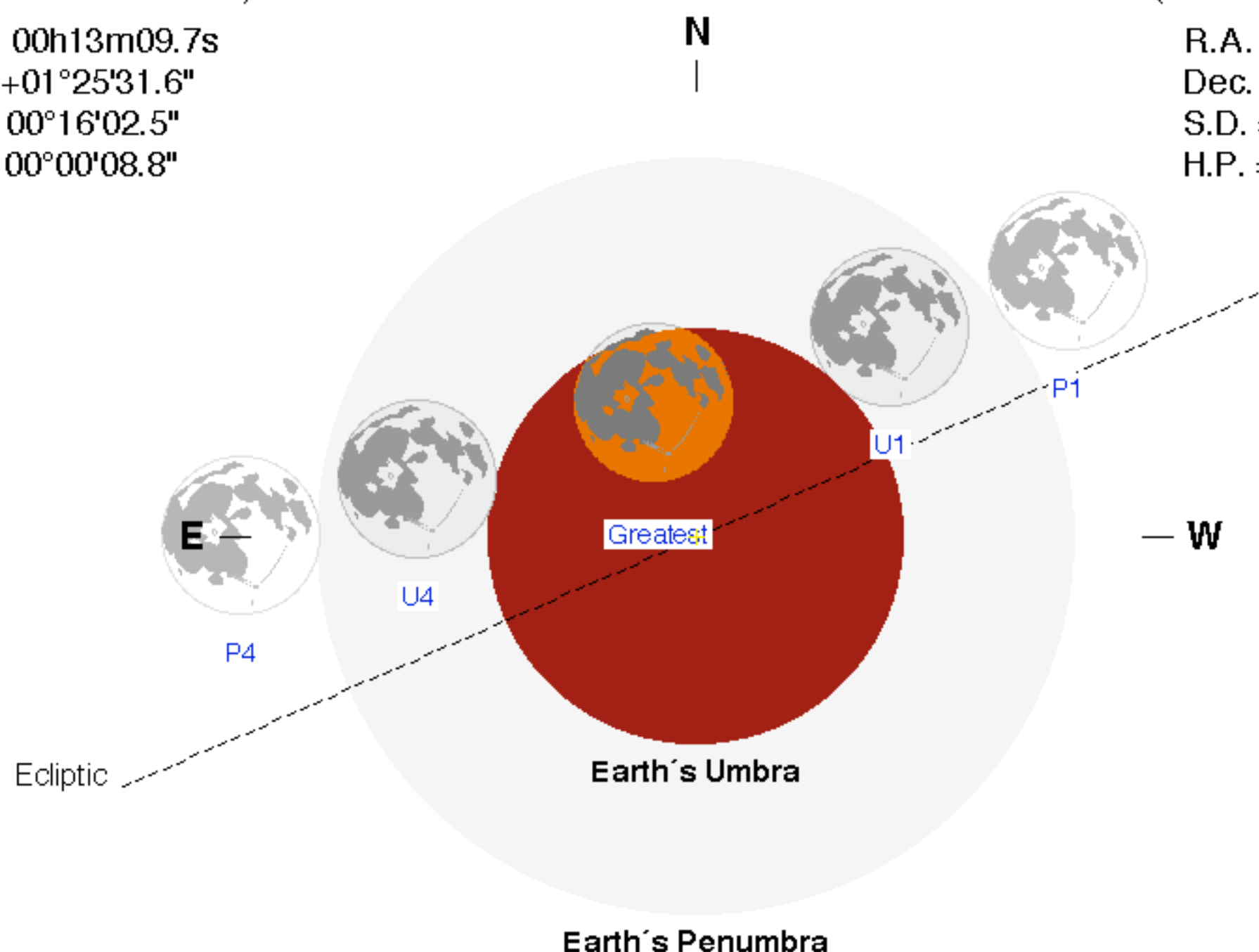
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h13m42.1s

Dec. = -01°00'04.6"

S.D. = 00°14'51.3"

H.P. = 00°54'31.3"



Eclipse Durations

Penumbral = 05h53m54s

Umbral = 03h23m03s

Eclipse Contacts

P1 = 01:42:26 UT

U1 = 02:57:55 UT

U4 = 06:20:58 UT

P4 = 07:36:21 UT

$\Delta T = 62$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

