

Partial Lunar Eclipse of 2007 Apr 26

Ecliptic Conjunction = 12:12:01.7 TD (= 12:08:45.5 UT)

Greatest Eclipse = 12:18:17.0 TD (= 12:15:00.8 UT)

Penumbral Magnitude = 1.9013

P. Radius = 1.1945°

Gamma = 0.5377

Umbral Magnitude = 0.8420

U. Radius = 0.6646°

Axis = 0.4935°

Saros Series = 123

Member = 57 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h18m55.6s

Dec. = +13°52'05.1"

S.D. = 00°15'53.8"

H.P. = 00°00'08.7"

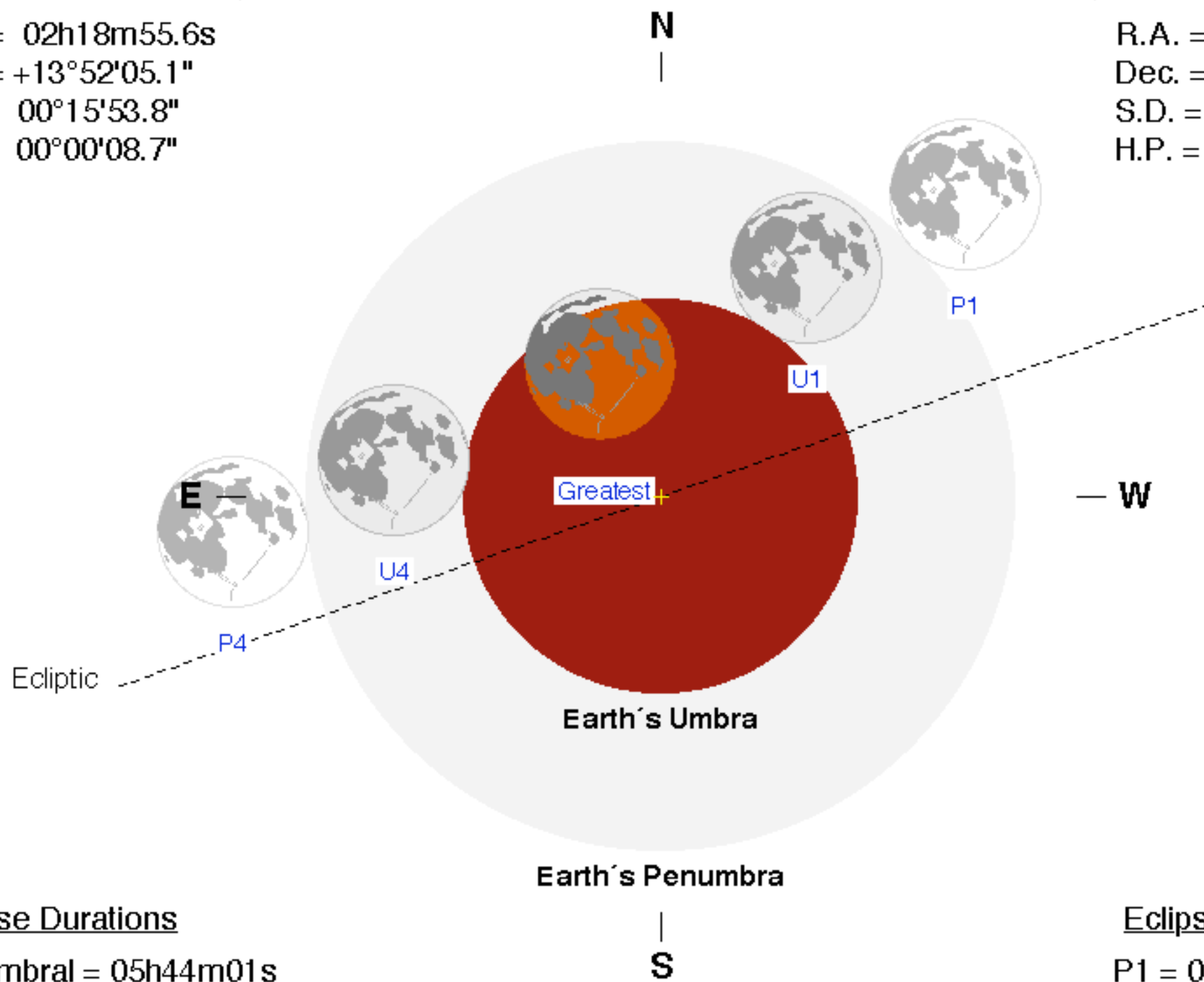
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h19m46.7s

Dec. = -13°25'11.7"

S.D. = 00°15'00.4"

H.P. = 00°55'04.6"



Eclipse Durations

Penumbral = 05h44m01s

Umbral = 03h15m10s

$\Delta T = 196$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 09:23:01 UT

U1 = 10:37:24 UT

U4 = 13:52:33 UT

P4 = 15:07:02 UT

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

