

Total Lunar Eclipse of 2026 Mar 03

Ecliptic Conjunction = 11:39:03.2 TD (= 11:37:48.1 UT)

Greatest Eclipse = 11:34:52.1 TD (= 11:33:37.0 UT)

Penumbral Magnitude = 2.1838

P. Radius = 1.2361°

Gamma = -0.3765

Umbral Magnitude = 1.1507

U. Radius = 0.6983°

Axis = 0.3596°

Saros Series = 133 Member = 27 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h56m56.0s

Dec. = -06°43'06.3"

S.D. = 00°16'08.0"

H.P. = 00°00'08.9"

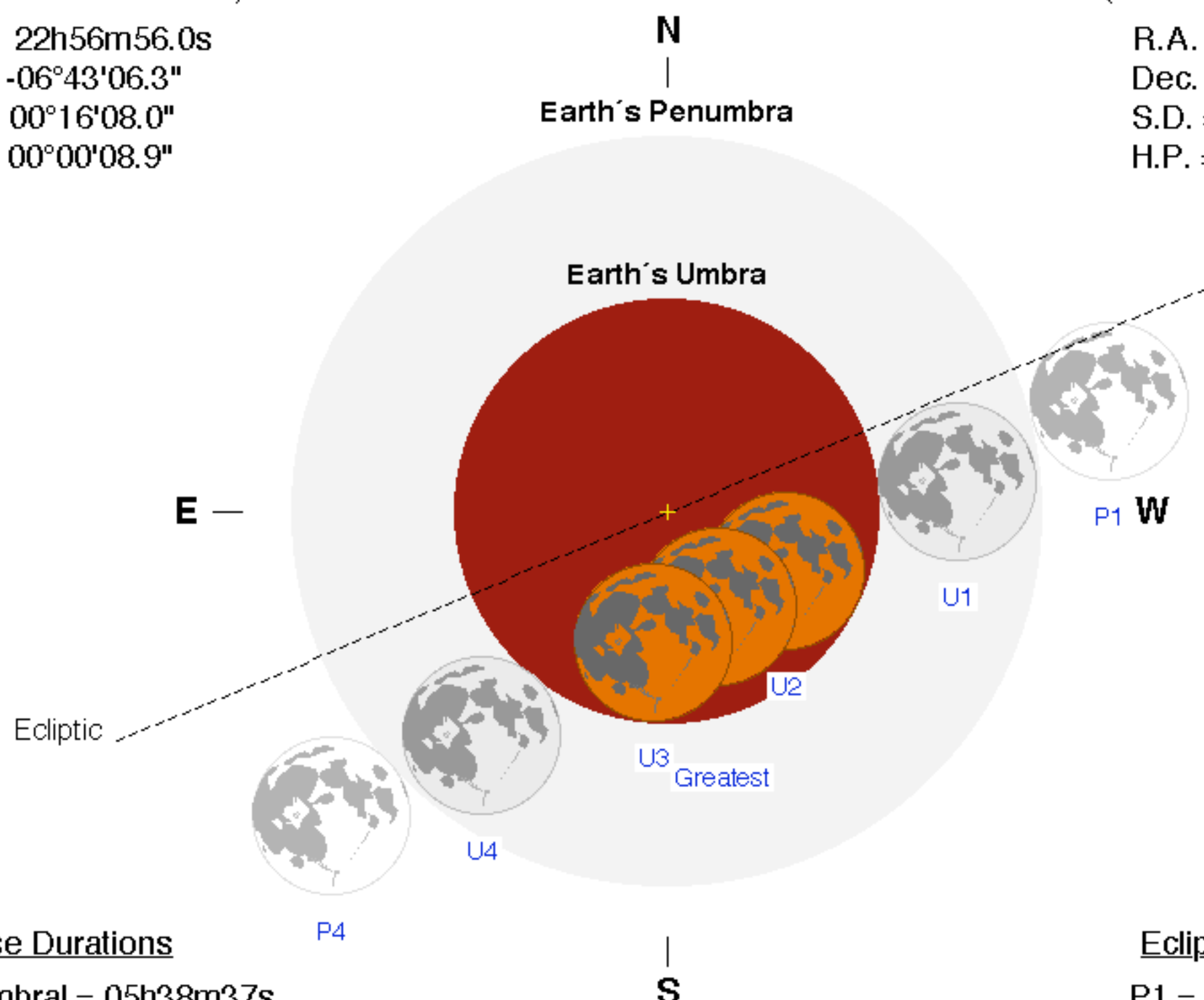
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h56m15.0s

Dec. = +06°24'05.2"

S.D. = 00°15'37.0"

H.P. = 00°57'18.7"



Eclipse Durations

Penumbral = 05h38m37s

Umbral = 03h27m10s

Total = 00h58m19s

$\Delta T = 75$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 08:44:22 UT

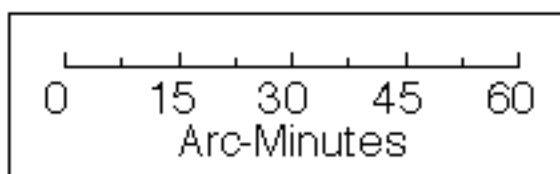
U1 = 09:50:00 UT

U2 = 11:04:26 UT

U3 = 12:02:45 UT

U4 = 13:17:10 UT

P4 = 14:22:59 UT



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

