

Total Lunar Eclipse of 1996 Apr 04

Ecliptic Conjunction = 00:07:58.1 TD (= 00:06:56.3 UT)

Greatest Eclipse = 00:10:47.5 TD (= 00:09:45.7 UT)

Penumbral Magnitude = 2.4068

P. Radius = 1.2306°

Gamma = -0.2534

Umbral Magnitude = 1.3795

U. Radius = 0.6975°

Axis = 0.2412°

Saros Series = 122

Member = 55 of 75

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h53m26.5s

Dec. = +05°43'14.1"

S.D. = 00°15'59.5"

H.P. = 00°00'08.8"

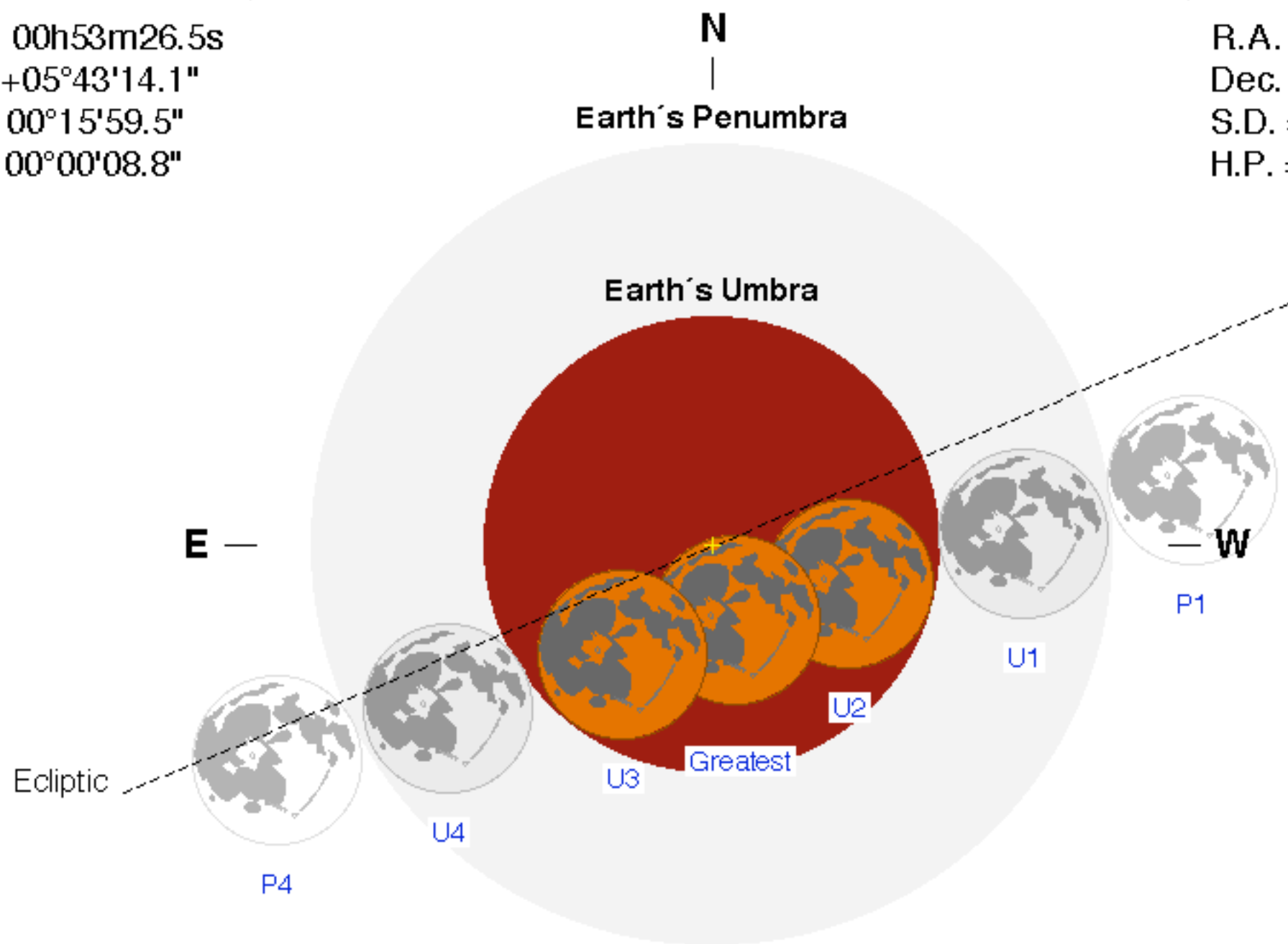
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h53m09.4s

Dec. = -05°57'04.2"

S.D. = 00°15'33.9"

H.P. = 00°57'07.5"



Eclipse Durations

Penumbral = 05h44m43s

Umbral = 03h37m08s

Total = 01h25m45s

$\Delta T = 62$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 21:17:22 UT

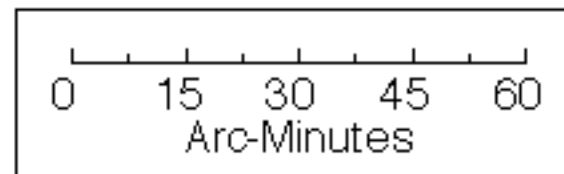
U1 = 22:21:13 UT

U2 = 23:26:54 UT

U3 = 00:52:39 UT

U4 = 01:58:21 UT

P4 = 03:02:04 UT



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

