

Total Lunar Eclipse of 1504 Mar 01

Ecliptic Conjunction = 00:40:14.6 TD (= 00:37:03.2 UT)

Greatest Eclipse = 00:44:46.8 TD (= 00:41:35.4 UT)

Penumbral Magnitude = 2.1318

P. Radius = 1.2281°

Gamma = 0.4057

Umbral Magnitude = 1.0956

U. Radius = 0.6926°

Axis = 0.3847°

Saros Series = 105

Member = 53 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 23h23m17.7s

Dec. = -03°58'04.1"

S.D. = 00°16'04.0"

H.P. = 00°00'08.8"

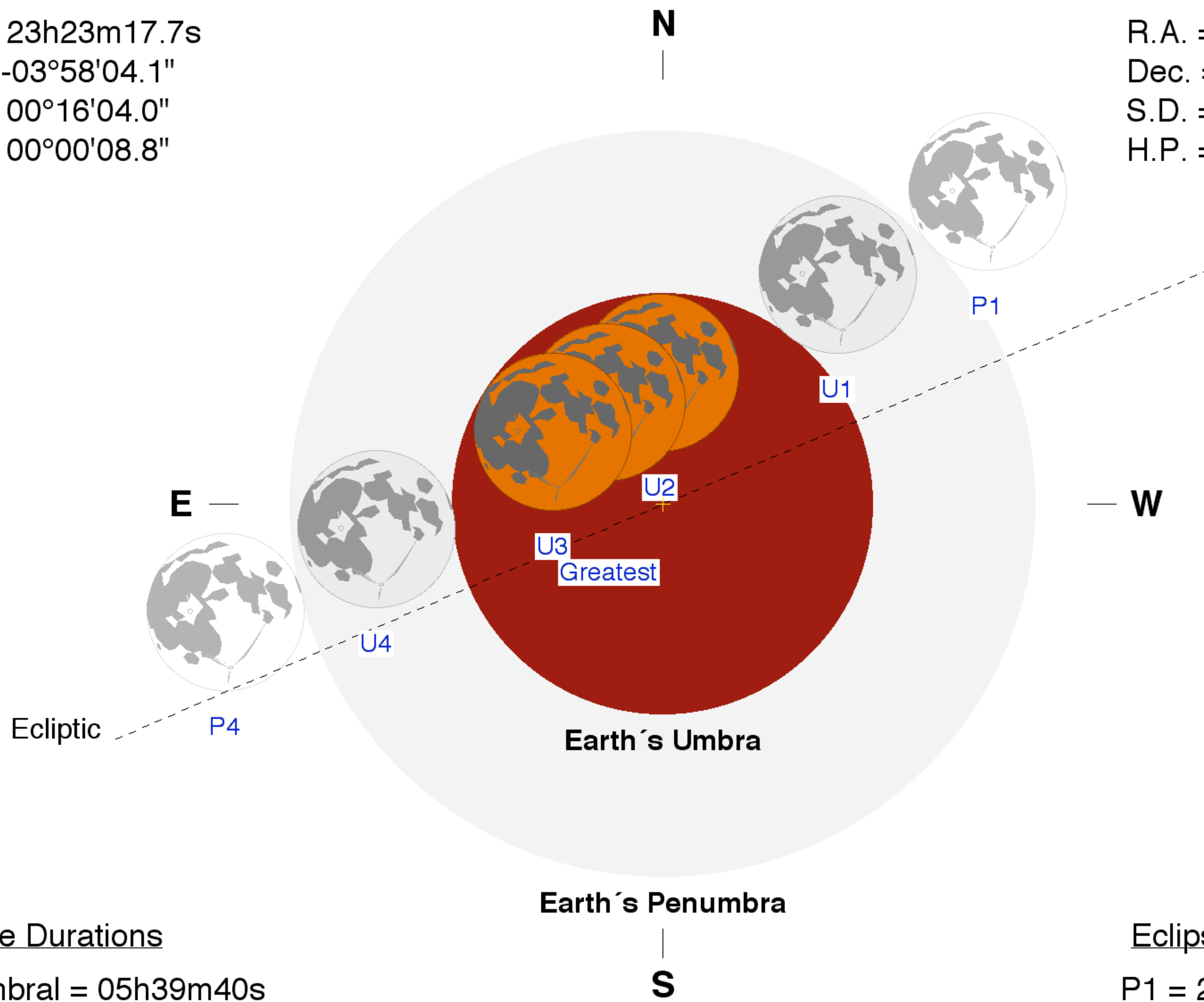
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 11h24m02.4s

Dec. = +04°18'16.8"

S.D. = 00°15'30.3"

H.P. = 00°56'54.3"



Eclipse Durations

Penumbral = 05h39m40s

Umbral = 03h25m45s

Total = 00h47m36s

$\Delta T = 191$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 21:51:47 UT

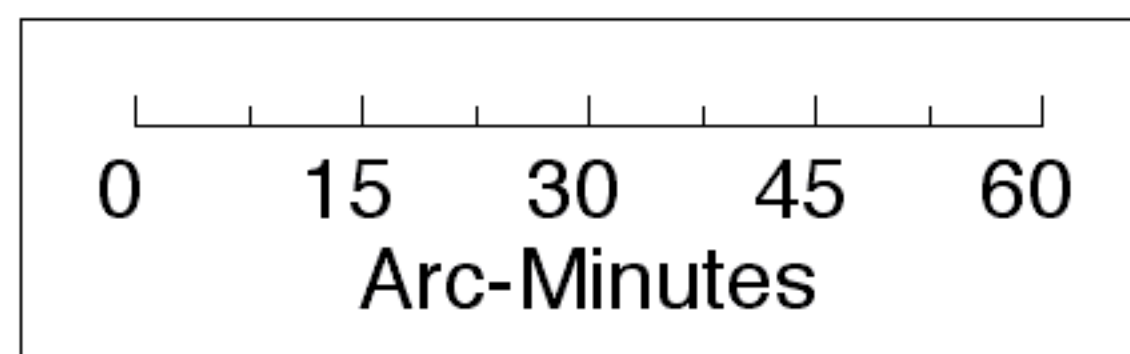
U1 = 22:58:41 UT

U2 = 00:17:46 UT

U3 = 01:05:22 UT

U4 = 02:24:26 UT

P4 = 03:31:27 UT



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

