

Partial Lunar Eclipse of 1961 Mar 02

Ecliptic Conjunction = 13:35:12.3 TD (= 13:34:38.6 UT)

Greatest Eclipse = 13:28:39.6 TD (= 13:28:05.9 UT)

Penumbral Magnitude = 1.8828

P. Radius = 1.1924°

Gamma = 0.5540

Umbral Magnitude = 0.8006

U. Radius = 0.6546°

Axis = 0.5052°

Saros Series = 132 Member = 27 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h52m38.0s

Dec. = -07°09'38.0"

S.D. = 00°16'08.1"

H.P. = 00°00'08.9"

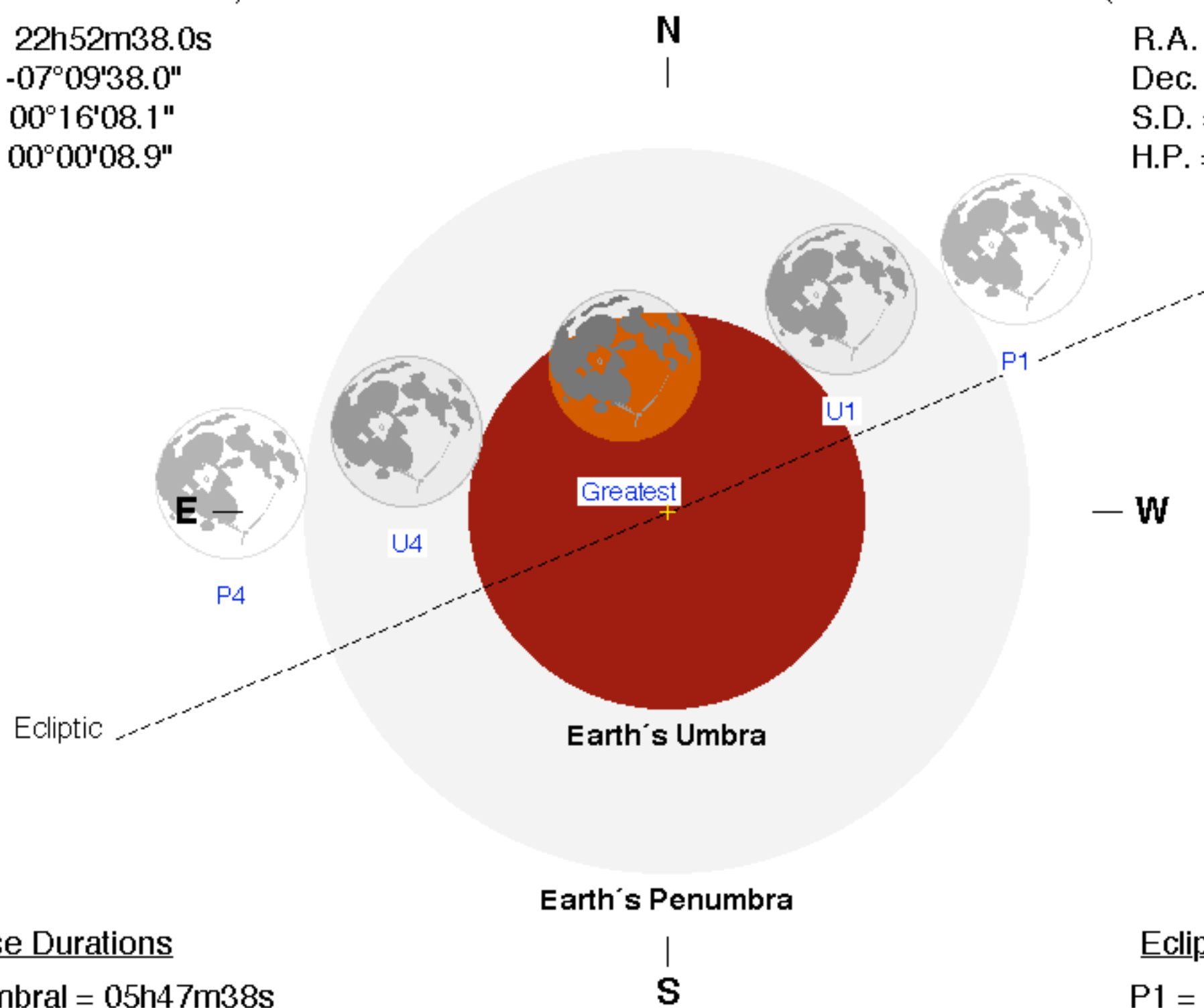
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h53m13.0s

Dec. = +07°38'40.6"

S.D. = 00°14'54.5"

H.P. = 00°54'43.0"



Eclipse Durations

Penumbral = 05h47m38s

Umbral = 03h12m51s

Eclipse Contacts

P1 = 10:34:15 UT

U1 = 11:51:42 UT

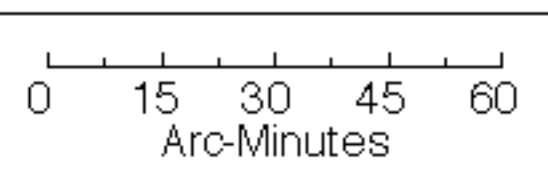
U4 = 15:04:33 UT

P4 = 16:21:53 UT

$\Delta T = 34$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

