

Penumbral Lunar Eclipse of 2002 May 26

Ecliptic Conjunction = 11:52:19.2 TD (= 11:51:14.8 UT)

Greatest Eclipse = 12:04:25.9 TD (= 12:03:21.6 UT)

Penumbral Magnitude = 0.6893

P. Radius = 1.2628°

Gamma = 1.1758

Umbral Magnitude = -0.2888

U. Radius = 0.7365°

Axis = 1.1609°

Saros Series = 111 Member = 66 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h12m31.0s

Dec. = +21°08'37.3"

S.D. = 00°15'47.3"

H.P. = 00°00'08.7"

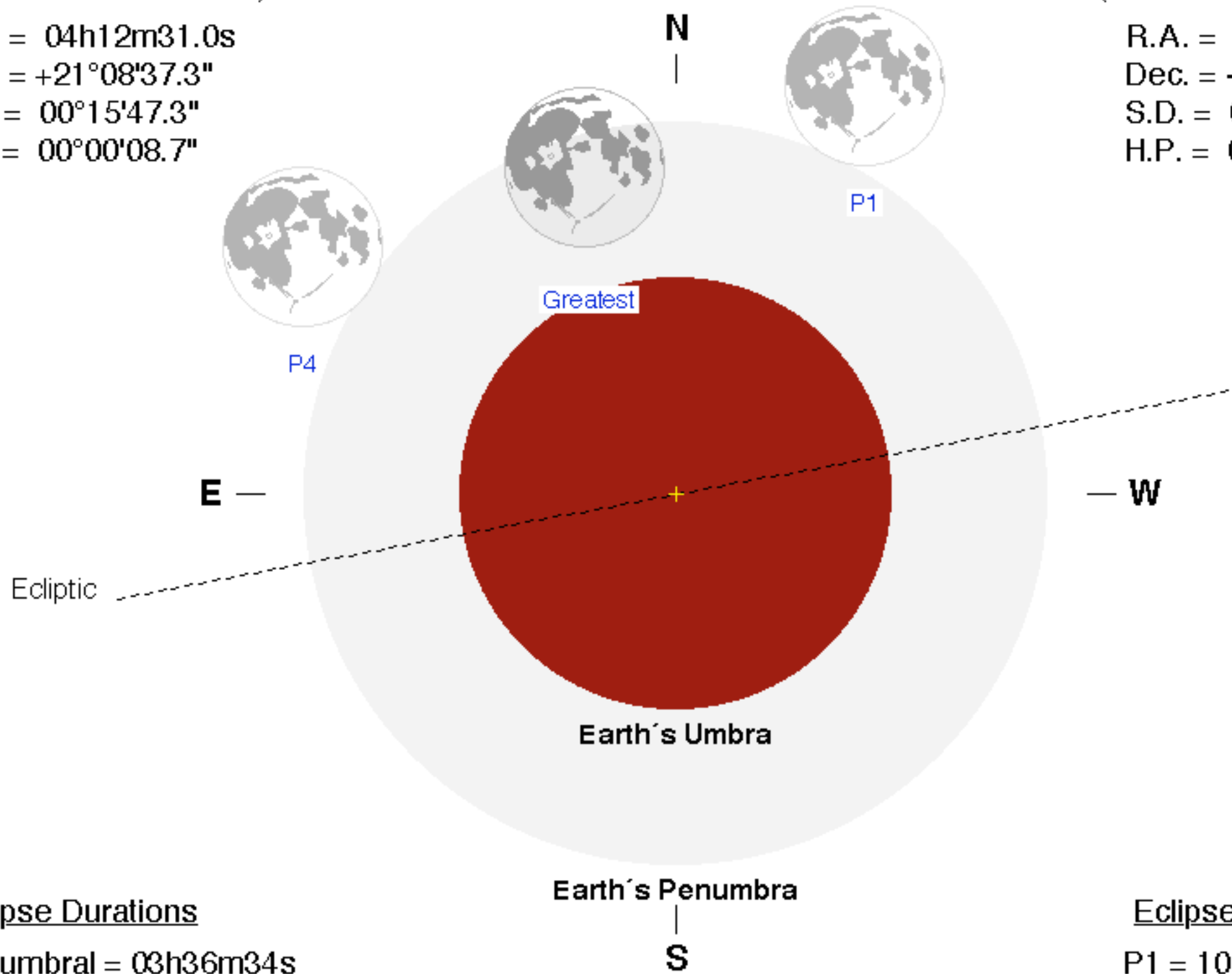
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h13m52.1s

Dec. = -20°01'35.6"

S.D. = 00°16'08.5"

H.P. = 00°59'14.5"



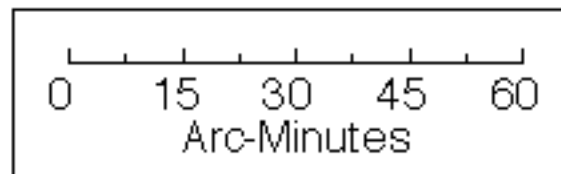
Eclipse Durations

Penumbral = 03h36m34s

Eclipse Contacts

P1 = 10:15:00 UT

P4 = 13:51:34 UT



$\Delta T = 64$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

