

Partial Lunar Eclipse of 2086 May 28

Ecliptic Conjunction = 12:37:28.5 TD (= 12:34:37.4 UT)

Greatest Eclipse = 12:43:46.6 TD (= 12:40:55.5 UT)

Penumbral Magnitude = 1.8486

P. Radius = 1.2117°

Gamma = -0.5585

Umbral Magnitude = 0.8180

U. Radius = 0.6855°

Axis = 0.5232°

Saros Series = 122

Member = 60 of 75

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h23m38.1s

Dec. = +21°34'54.7"

S.D. = 00°15'47.1"

H.P. = 00°00'08.7"

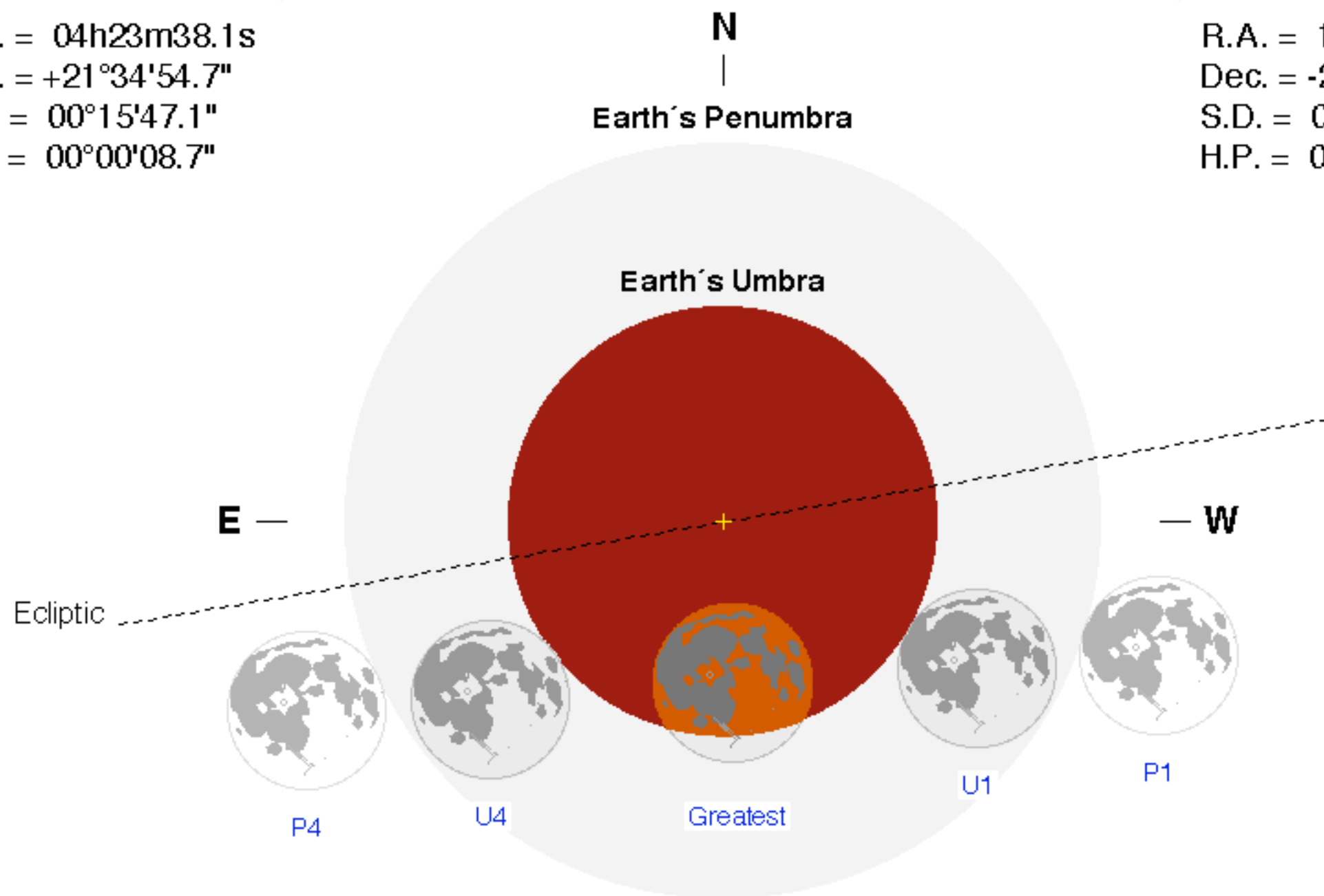
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h23m29.5s

Dec. = -22°06'14.4"

S.D. = 00°15'18.9"

H.P. = 00°56'12.6"



Eclipse Durations

Penumbral = 05h31m59s

Umbral = 03h09m26s

Eclipse Contacts

P1 = 09:54:54 UT

U1 = 11:06:15 UT

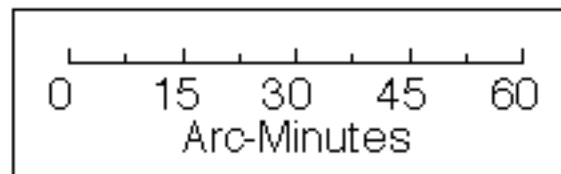
U4 = 14:15:41 UT

P4 = 15:26:54 UT

$\Delta T = 171$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

