

Partial Lunar Eclipse of 2068 May 17

Ecliptic Conjunction = 05:36:49.2 TD (= 05:34:37.9 UT)

Greatest Eclipse = 05:42:17.0 TD (= 05:40:05.7 UT)

Penumbral Magnitude = 1.9826

P. Radius = 1.2153°

Gamma = -0.4851

Umbral Magnitude = 0.9532

U. Radius = 0.6881°

Axis = 0.4559°

Saros Series = 122

Member = 59 of 75

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 03h39m33.2s

Dec. = +19°31'07.9"

S.D. = 00°15'49.0"

H.P. = 00°00'08.7"

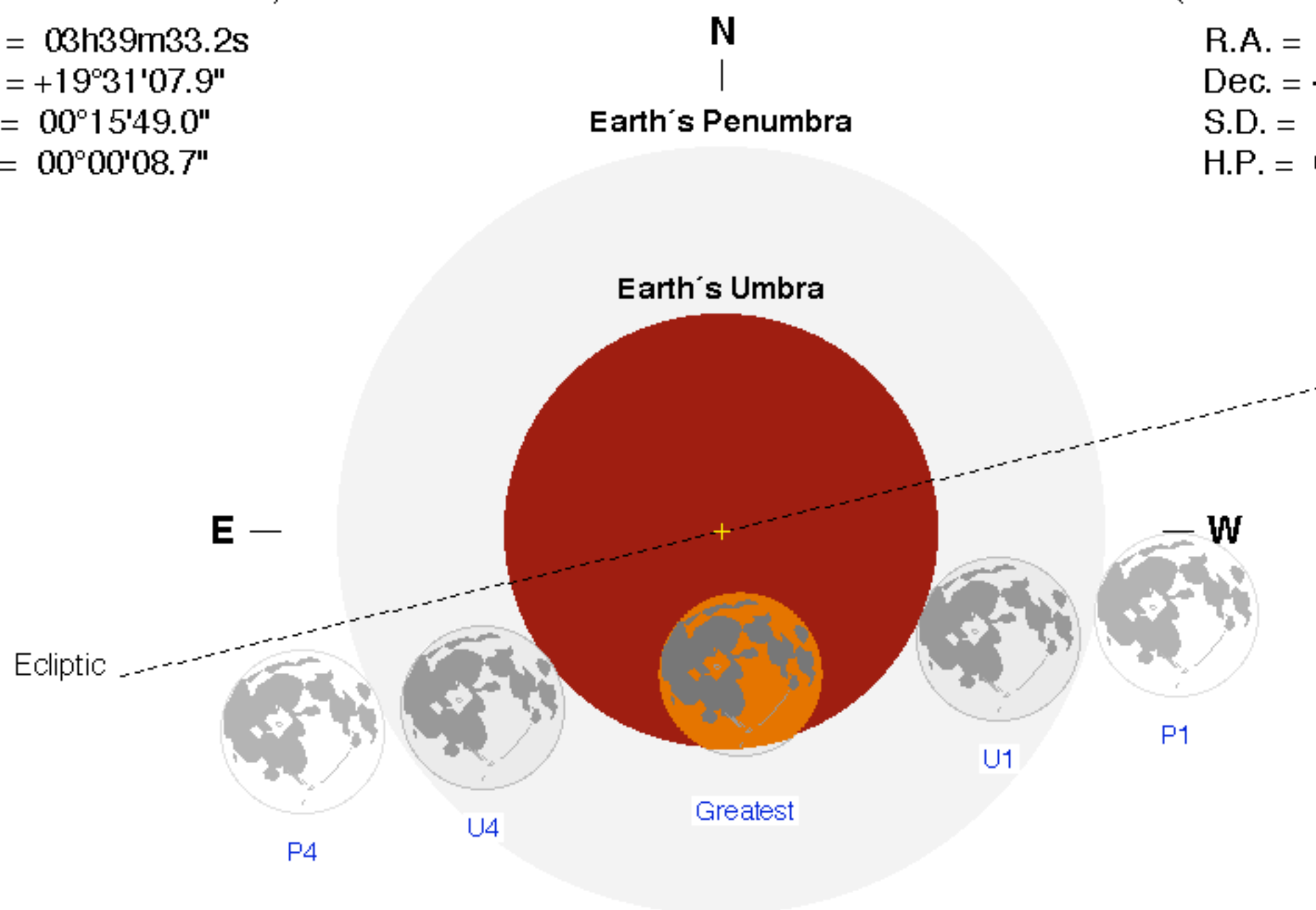
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 15h39m18.0s

Dec. = -19°58'15.0"

S.D. = 00°15'21.9"

H.P. = 00°56'23.4"



Eclipse Durations

Penumbral = 05h36m39s

Umbral = 03h18m59s

$\Delta T = 131$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

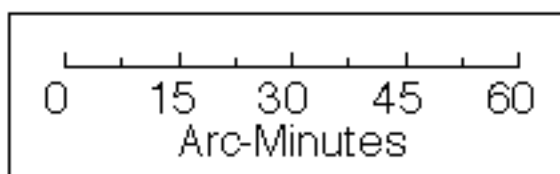
Eclipse Contacts

P1 = 02:51:45 UT

U1 = 04:00:39 UT

U4 = 07:19:38 UT

P4 = 08:28:23 UT



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eclipse.gsfc.nasa.gov/eclipse.html

