

Partial Lunar Eclipse of 1979 Mar 13

Ecliptic Conjunction = 21:15:05.7 TD (= 21:14:16.0 UT)

Greatest Eclipse = 21:08:52.0 TD (= 21:08:02.2 UT)

Penumbral Magnitude = 1.9350

P. Radius = 1.1900°

Gamma = 0.5253

Umbral Magnitude = 0.8538

U. Radius = 0.6537°

Axis = 0.4782°

Saros Series = 132 Member = 28 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 23h33m09.8s

Dec. = -02°53'58.9"

S.D. = 00°16'05.4"

H.P. = 00°00'08.8"

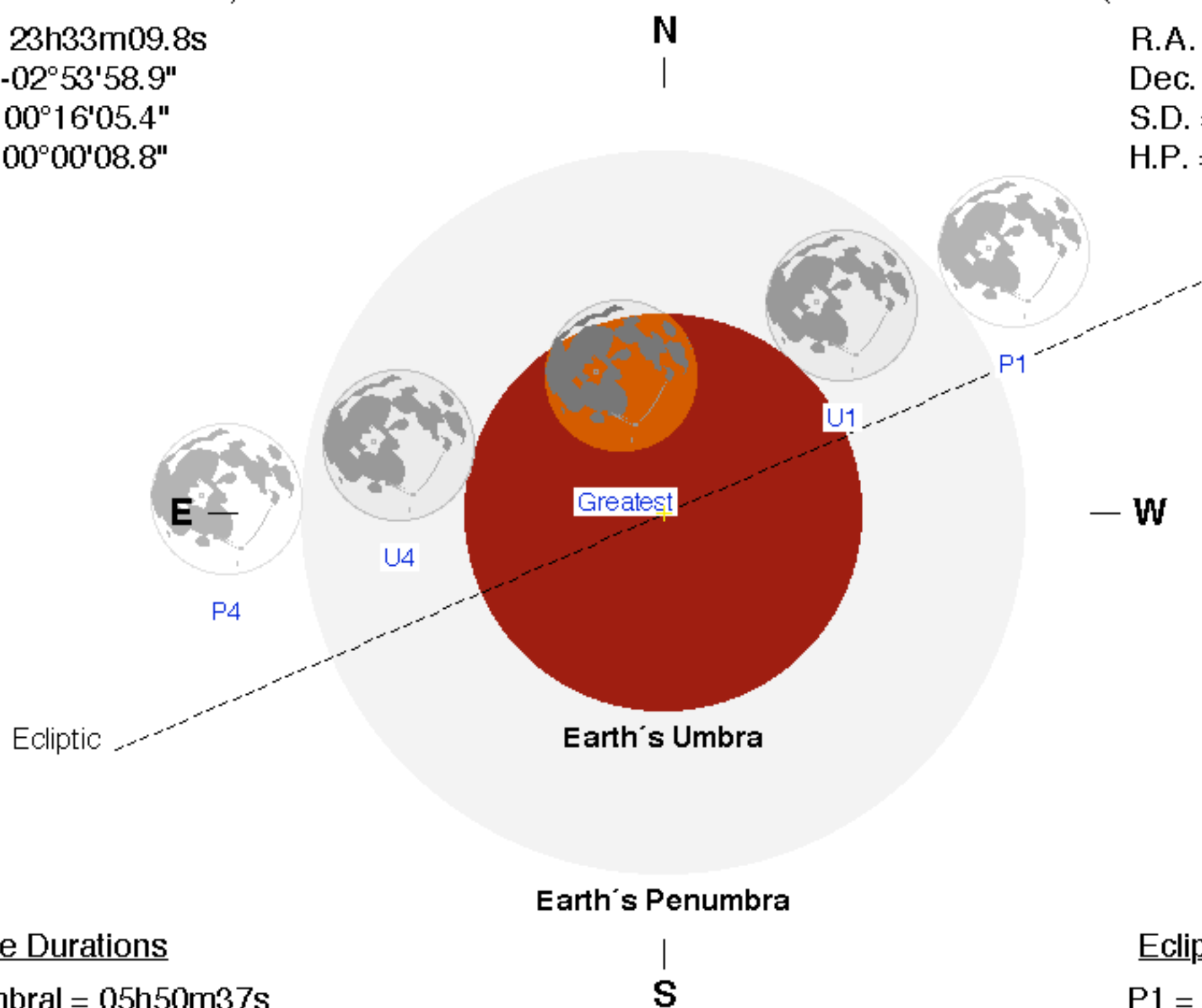
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 11h33m44.4s

Dec. = +03°21'20.5"

S.D. = 00°14'52.9"

H.P. = 00°54'36.9"



Eclipse Durations

Penumbral = 05h50m37s

Umbral = 03h17m39s

$\Delta T = 50$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

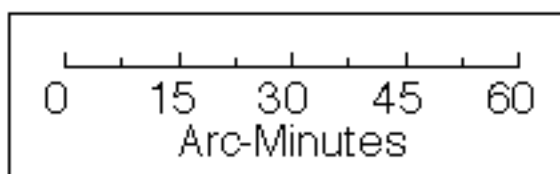
Eclipse Contacts

P1 = 18:12:42 UT

U1 = 19:29:14 UT

U4 = 22:46:53 UT

P4 = 00:03:19 UT



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eclipse.gsfc.nasa.gov/eclipse.html

