

Total Lunar Eclipse of 2051 Apr 26

Ecliptic Conjunction = 02:20:28.9 TD (= 02:18:53.3 UT)

Greatest Eclipse = 02:16:27.8 TD (= 02:14:52.2 UT)

Penumbral Magnitude = 2.2773

P. Radius = 1.1810°

Gamma = 0.3371

Umbral Magnitude = 1.2022

U. Radius = 0.6511°

Axis = 0.3049°

Saros Series = 132 Member = 32 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h14m06.4s

Dec. = +13°27'39.9"

S.D. = 00°15'53.9"

H.P. = 00°00'08.7"

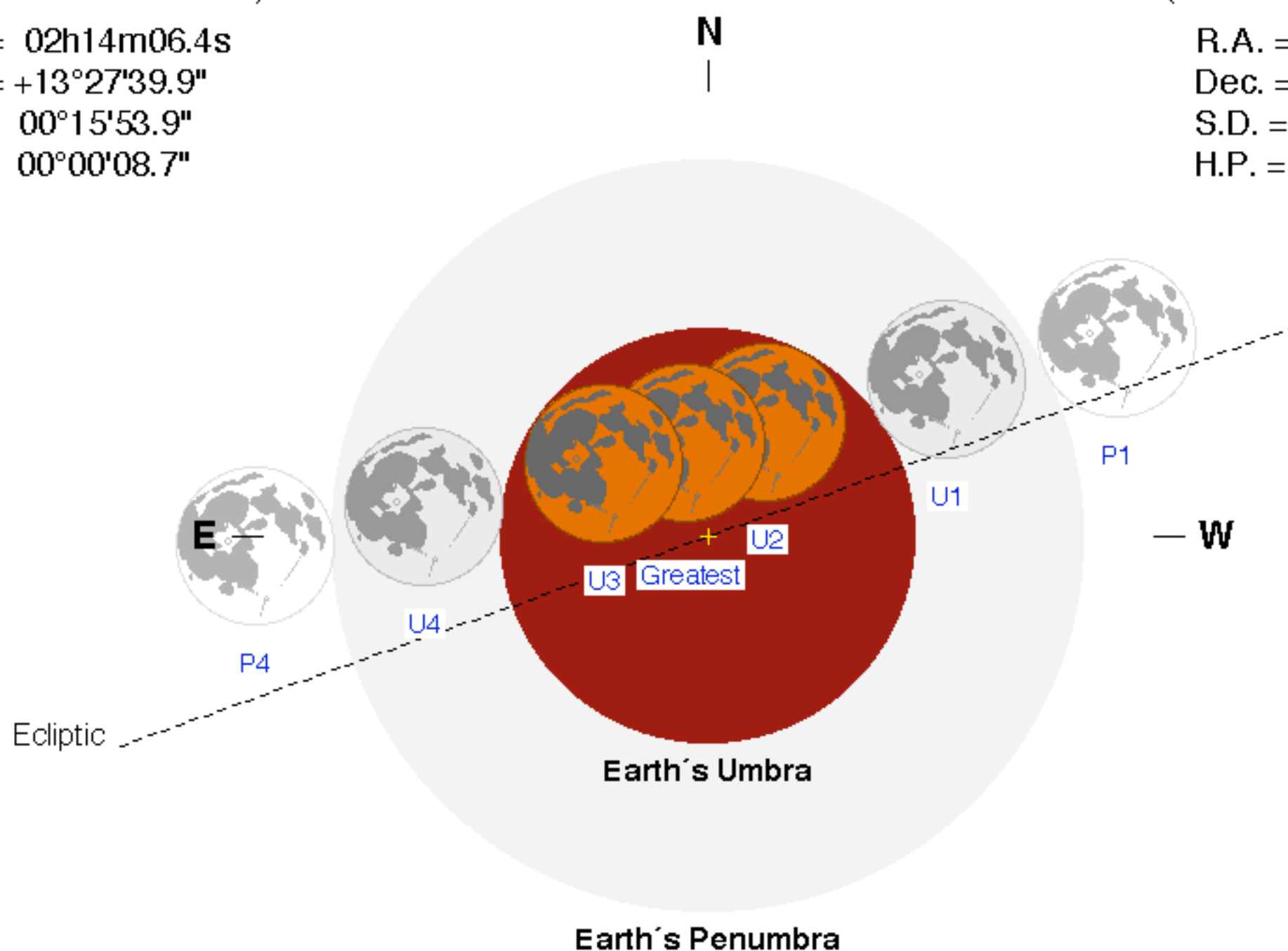
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h14m24.1s

Dec. = -13°09'53.0"

S.D. = 00°14'47.3"

H.P. = 00°54'16.4"



Eclipse Durations

Penumbral = 06h04m48s

Umbral = 03h40m51s

Total = 01h09m35s

$\Delta T = 96$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 23:12:27 UT

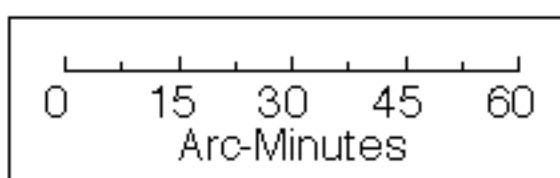
U1 = 00:24:27 UT

U2 = 01:40:05 UT

U3 = 02:49:40 UT

U4 = 04:05:18 UT

P4 = 05:17:14 UT



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eclipse.gsfc.nasa.gov/eclipse.html

