

Total Lunar Eclipse of 2066 Jan 11

Ecliptic Conjunction = 15:09:09.1 TD (= 15:07:02.8 UT)

Greatest Eclipse = 15:04:47.3 TD (= 15:02:41.0 UT)

Penumbral Magnitude = 2.2259

P. Radius = 1.1969°

Gamma = -0.3687

Umbral Magnitude = 1.1378

U. Radius = 0.6548°

Axis = 0.3371°

Saros Series = 135 Member = 26 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h33m47.1s

Dec. = -21°40'59.0"

S.D. = 00°16'15.8"

H.P. = 00°00'08.9"

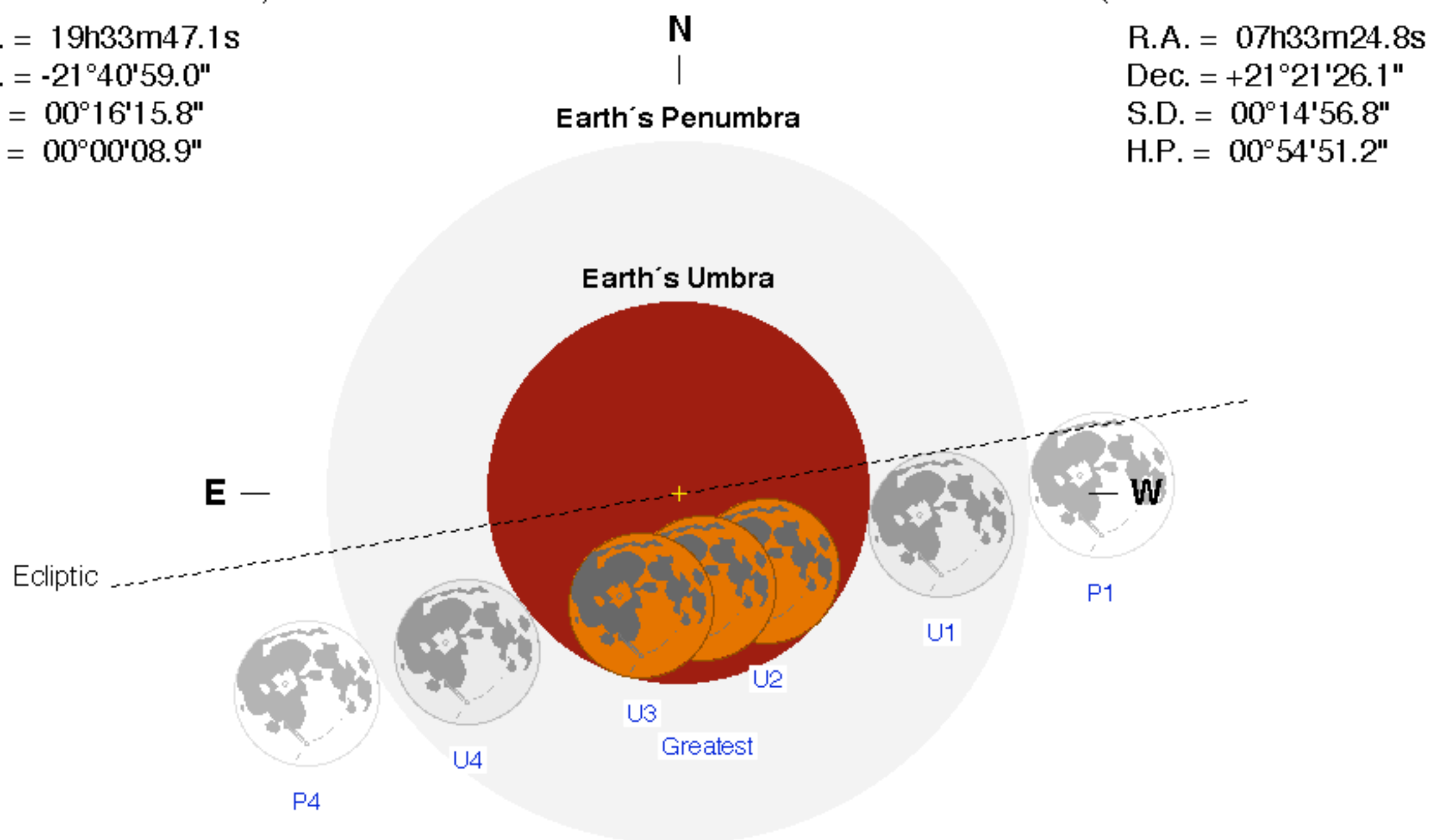
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h33m24.8s

Dec. = +21°21'26.1"

S.D. = 00°14'56.8"

H.P. = 00°54'51.2"



Eclipse Durations

Penumbral = 06h00m43s

Umbral = 03h35m10s

Total = 00h57m56s

$\Delta T = 126$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 12:02:18 UT

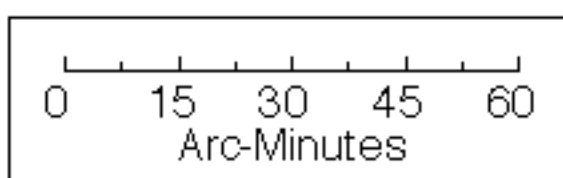
U1 = 13:15:07 UT

U2 = 14:33:44 UT

U3 = 15:31:40 UT

U4 = 16:50:18 UT

P4 = 18:03:01 UT



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eclipse.gsfc.nasa.gov/eclipse.html

