

# Total Lunar Eclipse of 2072 Mar 04

Ecliptic Conjunction = 15:19:35.6 TD (= 15:17:16.1 UT)

Greatest Eclipse = 15:23:07.1 TD (= 15:20:47.6 UT)

Penumbral Magnitude = 2.2127

P. Radius = 1.3001°

Gamma = -0.3430

Umbral Magnitude = 1.2441

U. Radius = 0.7625°

Axis = 0.3494°

Saros Series = 124      Member = 52 of 74

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 23h04m23.3s

Dec. = -05°56'38.1"

S.D. = 00°16'07.7"

H.P. = 00°00'08.9"

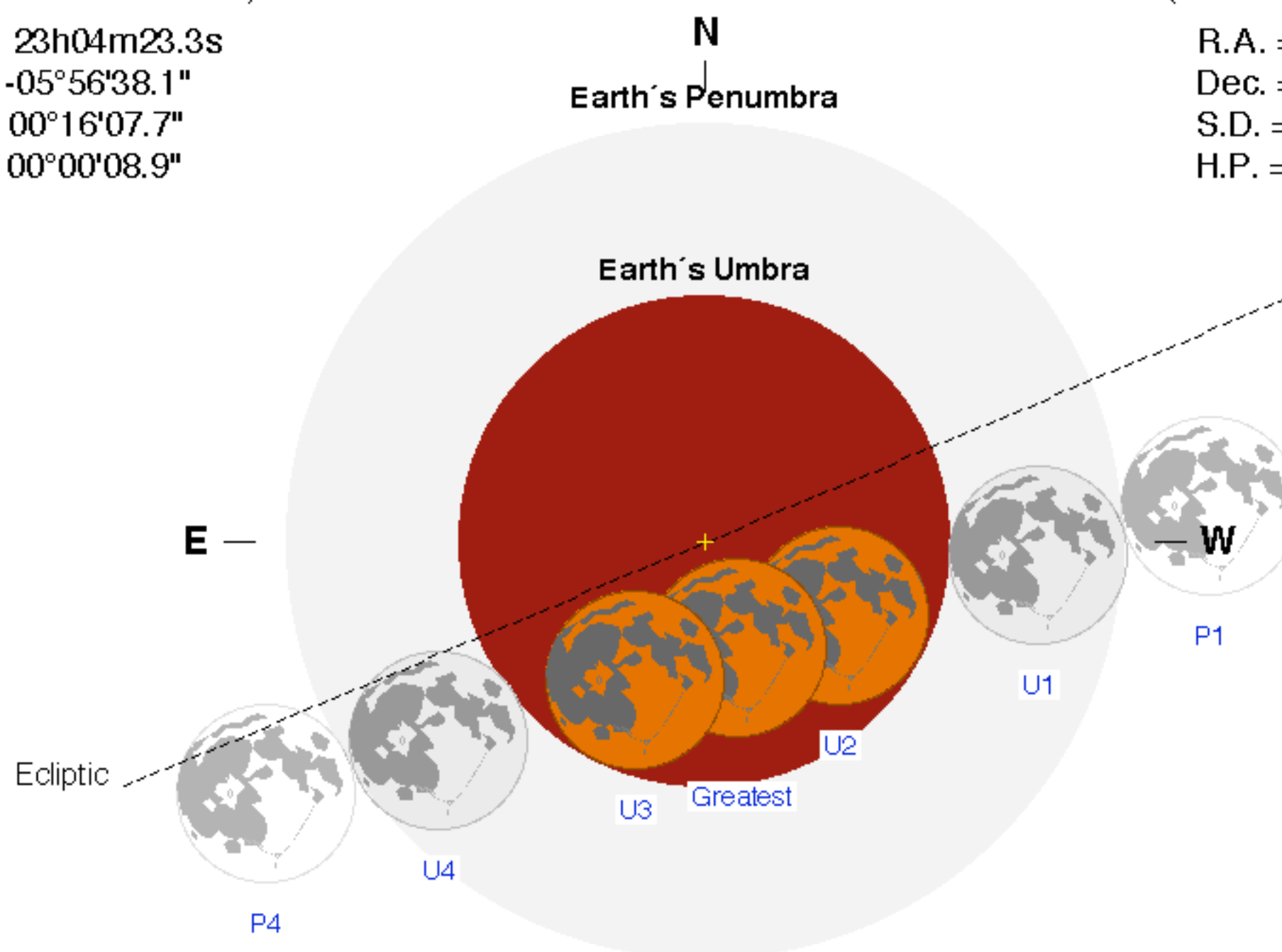
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 11h03m58.6s

Dec. = +05°36'35.5"

S.D. = 00°16'39.2"

H.P. = 01°01'07.1"



## Eclipse Durations

Penumbral = 05h13m09s

Umbral = 03h19m25s

Total = 01h08m27s

$\Delta T = 140$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 12:44:14 UT

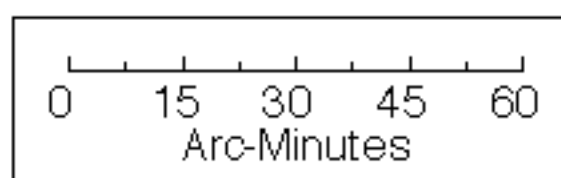
U1 = 13:41:05 UT

U2 = 14:46:33 UT

U3 = 15:55:01 UT

U4 = 17:00:30 UT

P4 = 17:57:24 UT



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[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

