

Partial Lunar Eclipse of 2063 Mar 14

Ecliptic Conjunction = 16:16:00.4 TD (= 16:14:00.2 UT)

Greatest Eclipse = 16:05:49.5 TD (= 16:03:49.2 UT)

Penumbral Magnitude = 1.0088

P. Radius = 1.2906°

Gamma = -1.0007

Umbral Magnitude = 0.0342

U. Radius = 0.7542°

Axis = 1.0105°

Saros Series = 143 Member = 21 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 23h38m23.2s

Dec. = -02°20'14.3"

S.D. = 00°16'05.4"

H.P. = 00°00'08.8"

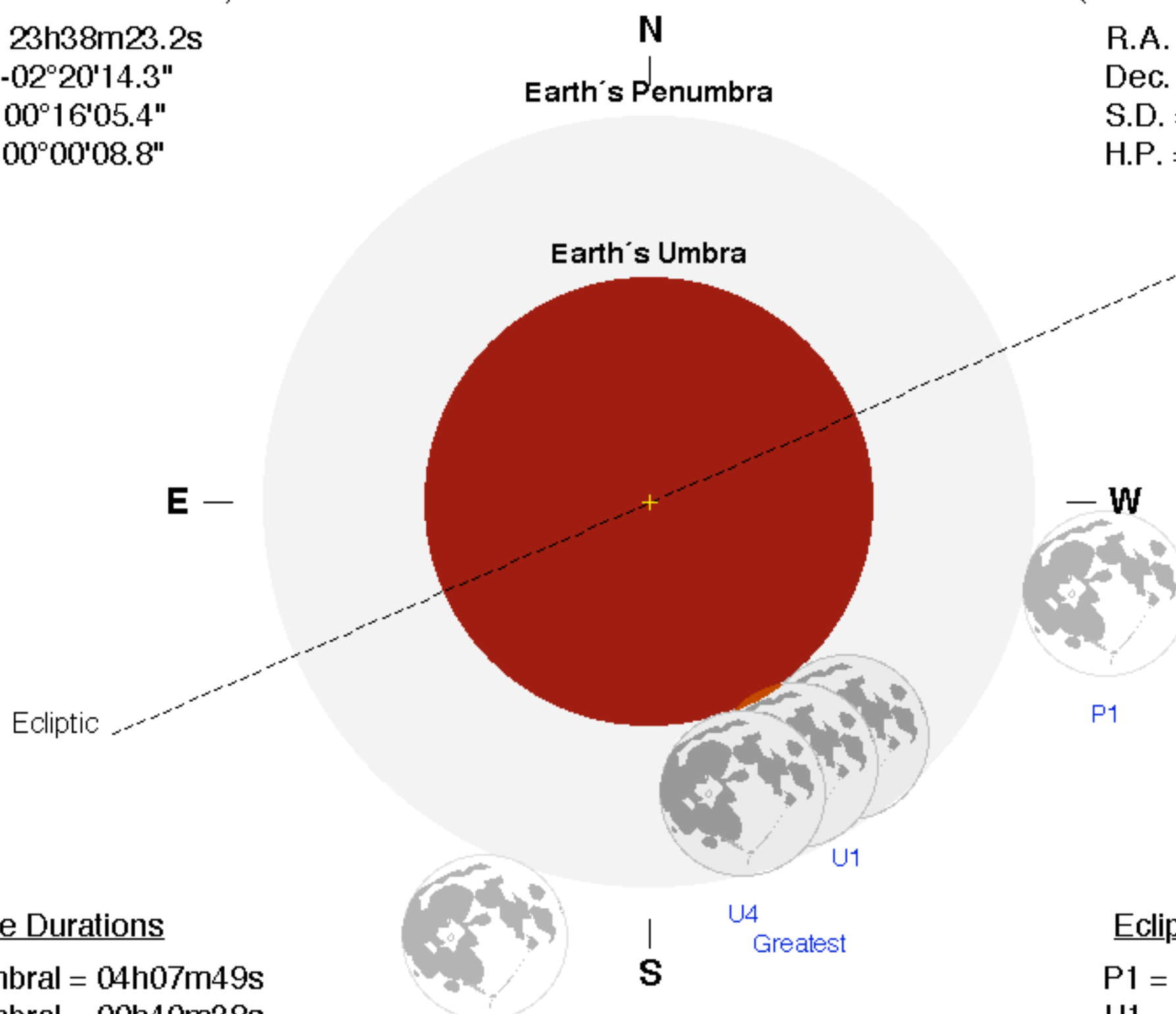
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 11h36m26.0s

Dec. = +01°27'08.3"

S.D. = 00°16'30.6"

H.P. = 01°00'35.4"



Eclipse Durations

Penumbral = 04h07m49s

Umbral = 00h40m38s

Eclipse Contacts

P1 = 13:59:54 UT

U1 = 15:43:26 UT

U4 = 16:24:04 UT

P4 = 18:07:44 UT

$\Delta T = 120$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

