

Partial Lunar Eclipse of 1941 Mar 13

Ecliptic Conjunction = 11:47:07.5 TD (= 11:46:42.6 UT)

Greatest Eclipse = 11:55:47.0 TD (= 11:55:22.2 UT)

Penumbral Magnitude = 1.2970

P. Radius = 1.2905°

Gamma = -0.8436

Umbral Magnitude = 0.3226

U. Radius = 0.7543°

Axis = 0.8519°

Saros Series = 112 Member = 61 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 23h32m32.0s

Dec. = -02°58'04.6"

S.D. = 00°16'05.3"

H.P. = 00°00'08.8"

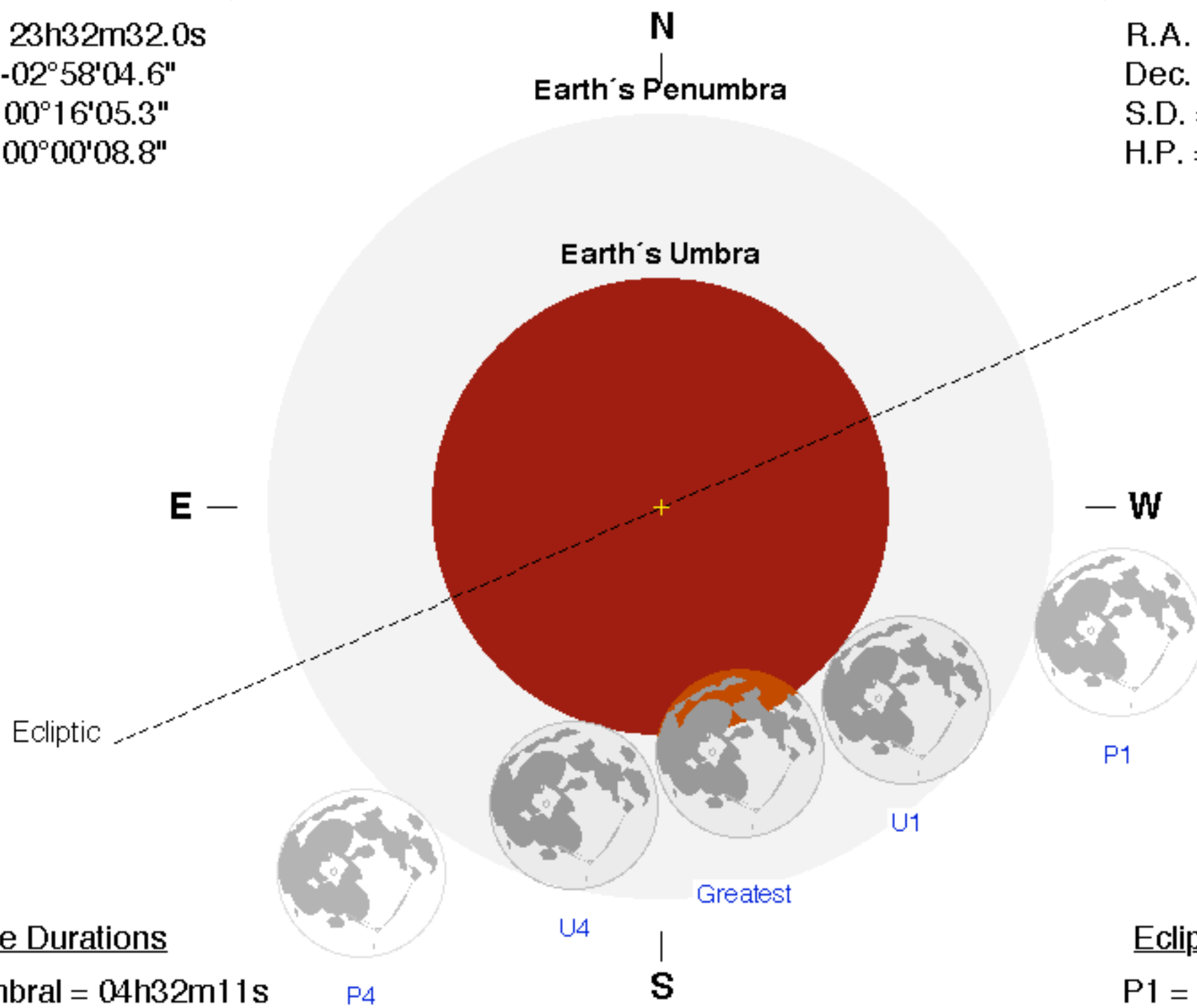
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 11h31m29.9s

Dec. = +02°09'22.2"

S.D. = 00°16'30.6"

H.P. = 01°00'35.5"



Eclipse Durations

Penumbral = 04h32m11s

Umbral = 01h59m46s

Eclipse Contacts

P1 = 09:39:18 UT

U1 = 10:55:32 UT

U4 = 12:55:18 UT

P4 = 14:11:29 UT

$\Delta T = 25$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

