

Total Lunar Eclipse of 2036 Feb 11

Ecliptic Conjunction = 22:09:53.8 TD (= 22:08:32.0 UT)

Greatest Eclipse = 22:13:06.2 TD (= 22:11:44.5 UT)

Penumbral Magnitude = 2.2751

P. Radius = 1.2988°

Gamma = -0.3110

Umbral Magnitude = 1.2995

U. Radius = 0.7586°

Axis = 0.3159°

Saros Series = 124

Member = 50 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h40m25.4s

Dec. = -13°55'30.0"

S.D. = 00°16'12.3"

H.P. = 00°00'08.9"

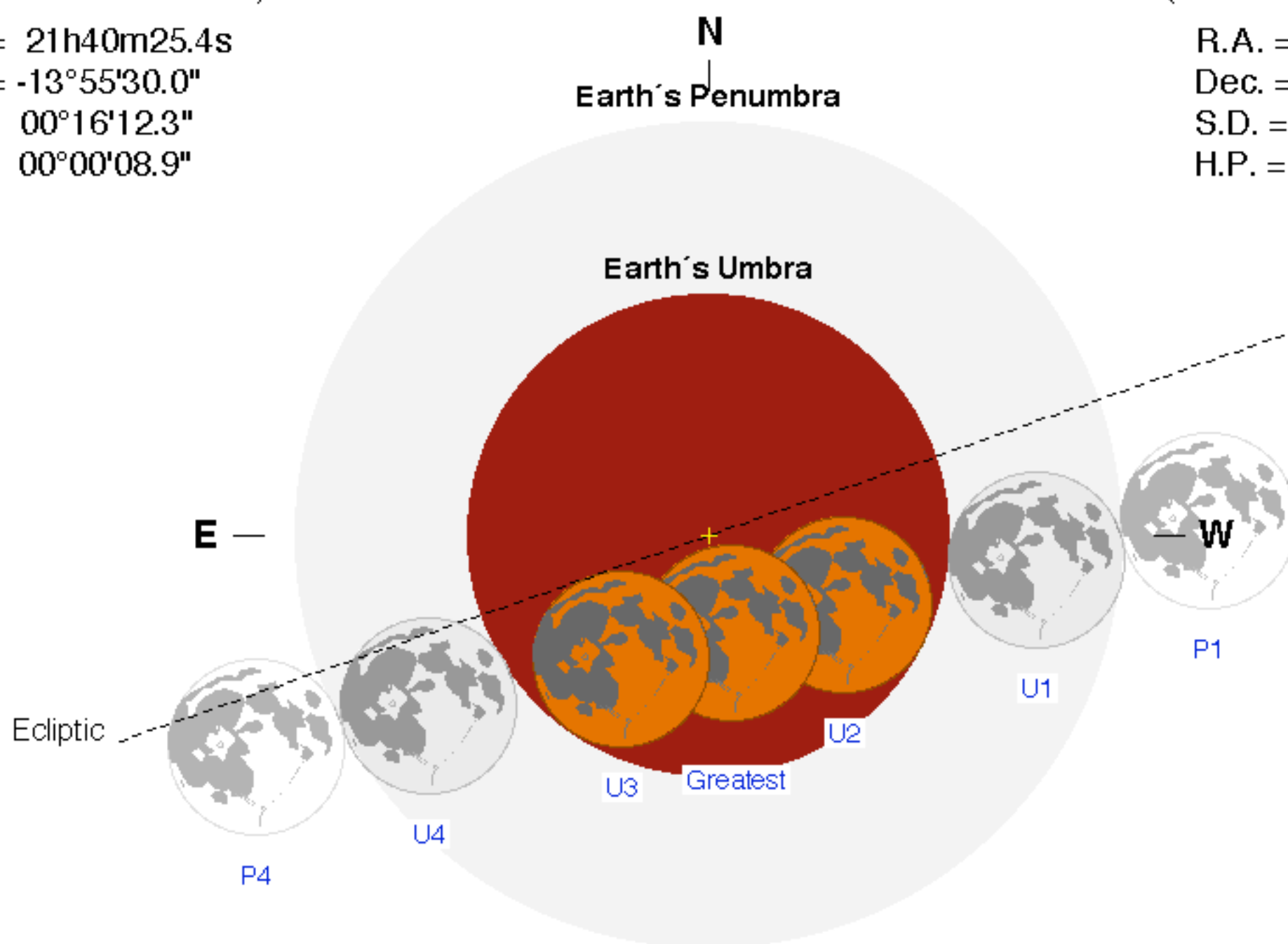
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h40m07.3s

Dec. = +13°37'03.4"

S.D. = 00°16'36.7"

H.P. = 01°00'57.8"



Eclipse Durations

Penumbral = 05h16m04s

Umbral = 03h21m55s

Total = 01h14m29s

$\Delta T = 82$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 19:33:44 UT

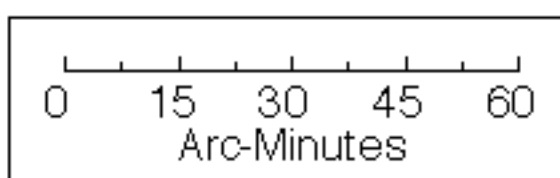
U1 = 20:30:46 UT

U2 = 21:34:30 UT

U3 = 22:48:58 UT

U4 = 23:52:42 UT

P4 = 00:49:48 UT



F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

