

Partial Lunar Eclipse of 1952 Feb 11

Ecliptic Conjunction = 00:28:39.9 TD (= 00:28:10.0 UT)

Greatest Eclipse = 00:39:47.6 TD (= 00:39:17.7 UT)

Penumbral Magnitude = 1.1781

P. Radius = 1.1870°

Gamma = 0.9416

Umbral Magnitude = 0.0832

U. Radius = 0.6468°

Axis = 0.8524°

Saros Series = 113 Member = 60 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h34m29.0s

Dec. = -14°25'36.6"

S.D. = 00°16'12.4"

H.P. = 00°00'08.9"

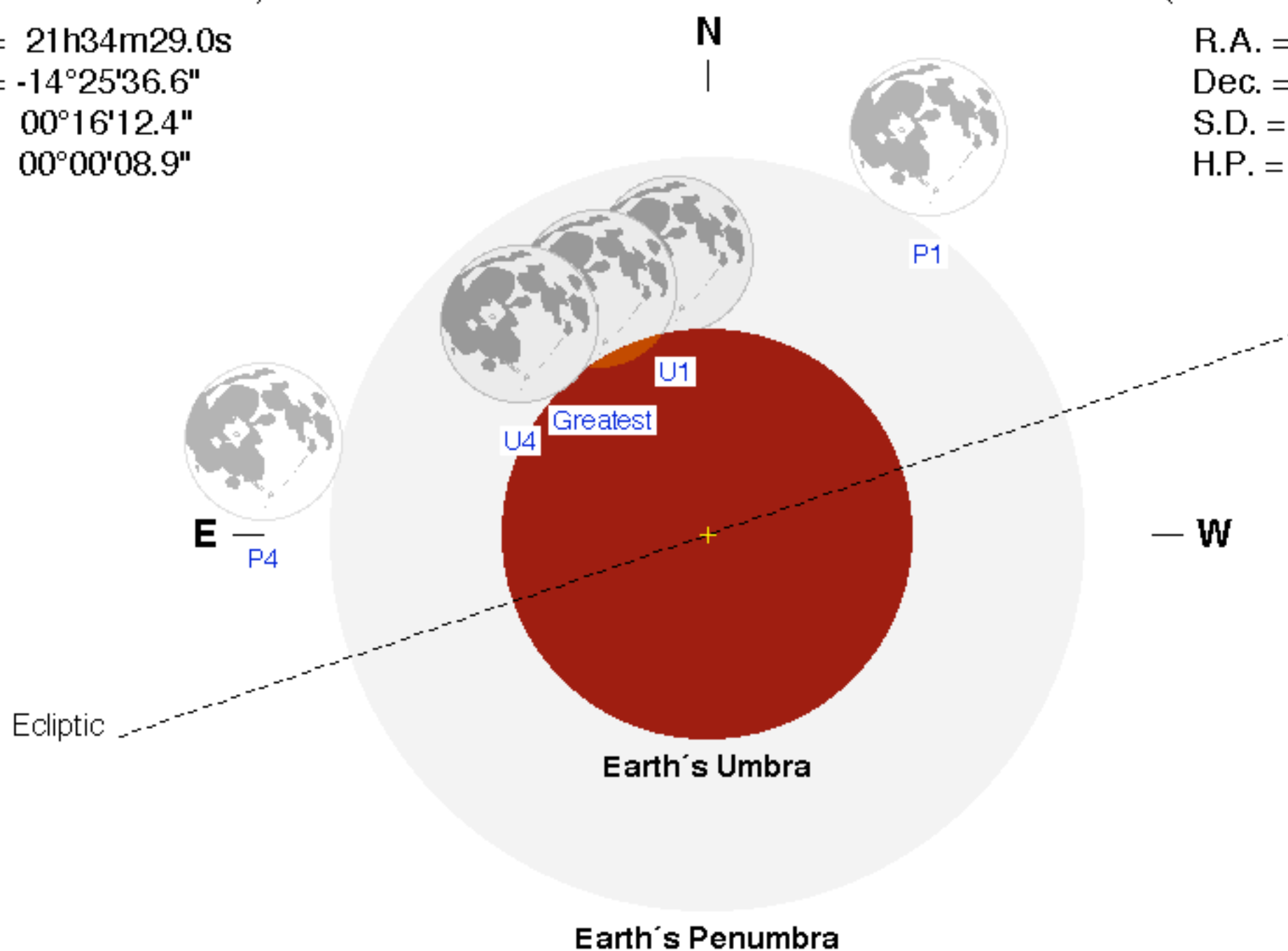
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h35m56.5s

Dec. = +15°12'10.9"

S.D. = 00°14'48.1"

H.P. = 00°54'19.3"



Eclipse Durations

Penumbral = 05h01m55s

Umbral = 01h10m07s

Eclipse Contacts

P1 = 22:08:20 UT

U1 = 00:04:17 UT

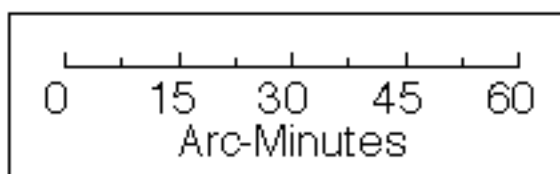
U4 = 01:14:24 UT

P4 = 03:10:15 UT

$\Delta T = 30$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

