

Partial Lunar Eclipse of 2041 Nov 08

Ecliptic Conjunction = 04:44:42.2 TD (= 04:43:16.1 UT)

Greatest Eclipse = 04:35:04.7 TD (= 04:33:38.6 UT)

Penumbral Magnitude = 1.1656

P. Radius = 1.2727°

Gamma = 0.9212

Umbral Magnitude = 0.1696

U. Radius = 0.7347°

Axis = 0.9132°

Saros Series = 146

Member = 12 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h54m42.6s

Dec. = -16°39'56.1"

S.D. = 00°16'08.5"

H.P. = 00°00'08.9"

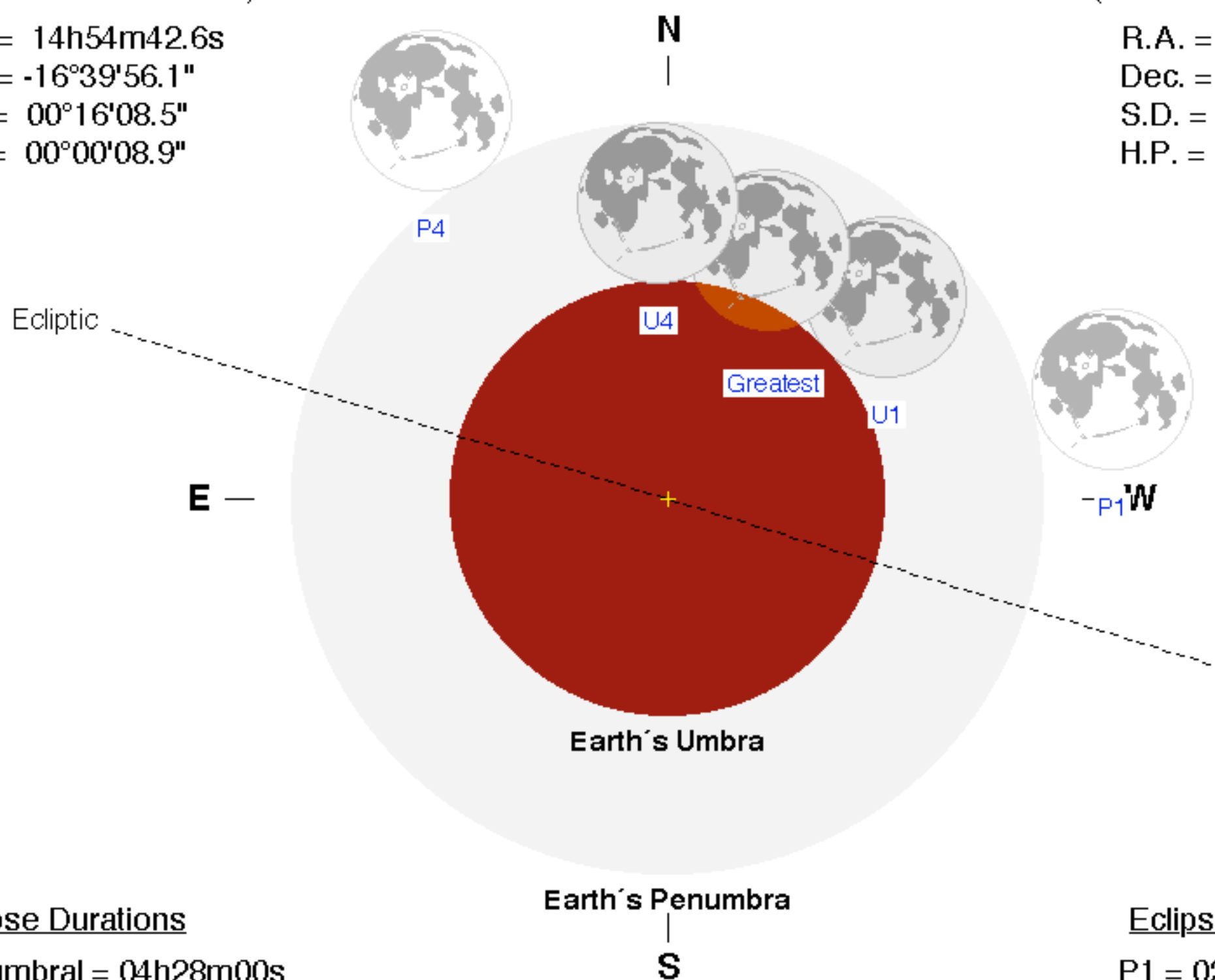
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h53m15.4s

Dec. = +17°30'36.5"

S.D. = 00°16'12.4"

H.P. = 00°59'28.8"



Eclipse Durations

Penumbral = 04h28m00s

Umbral = 01h30m21s

Eclipse Contacts

P1 = 02:19:38 UT

U1 = 03:48:23 UT

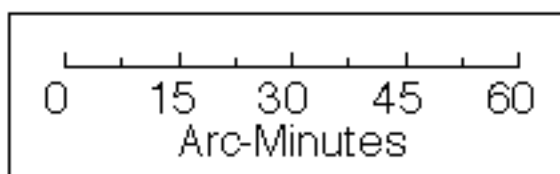
U4 = 05:18:44 UT

P4 = 06:47:39 UT

$\Delta T = 86$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

