

Partial Lunar Eclipse of 2008 Aug 16

Ecliptic Conjunction = 21:17:32.7 TD (= 21:16:26.6 UT)

Greatest Eclipse = 21:11:12.1 TD (= 21:10:06.1 UT)

Penumbral Magnitude = 1.8366

P. Radius = 1.2141°

Gamma = 0.5646

Umbral Magnitude = 0.8076

U. Radius = 0.6875°

Axis = 0.5302°

Saros Series = 138

Member = 29 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h46m37.2s

Dec. = +13°24'18.2"

S.D. = 00°15'47.9"

H.P. = 00°00'08.7"

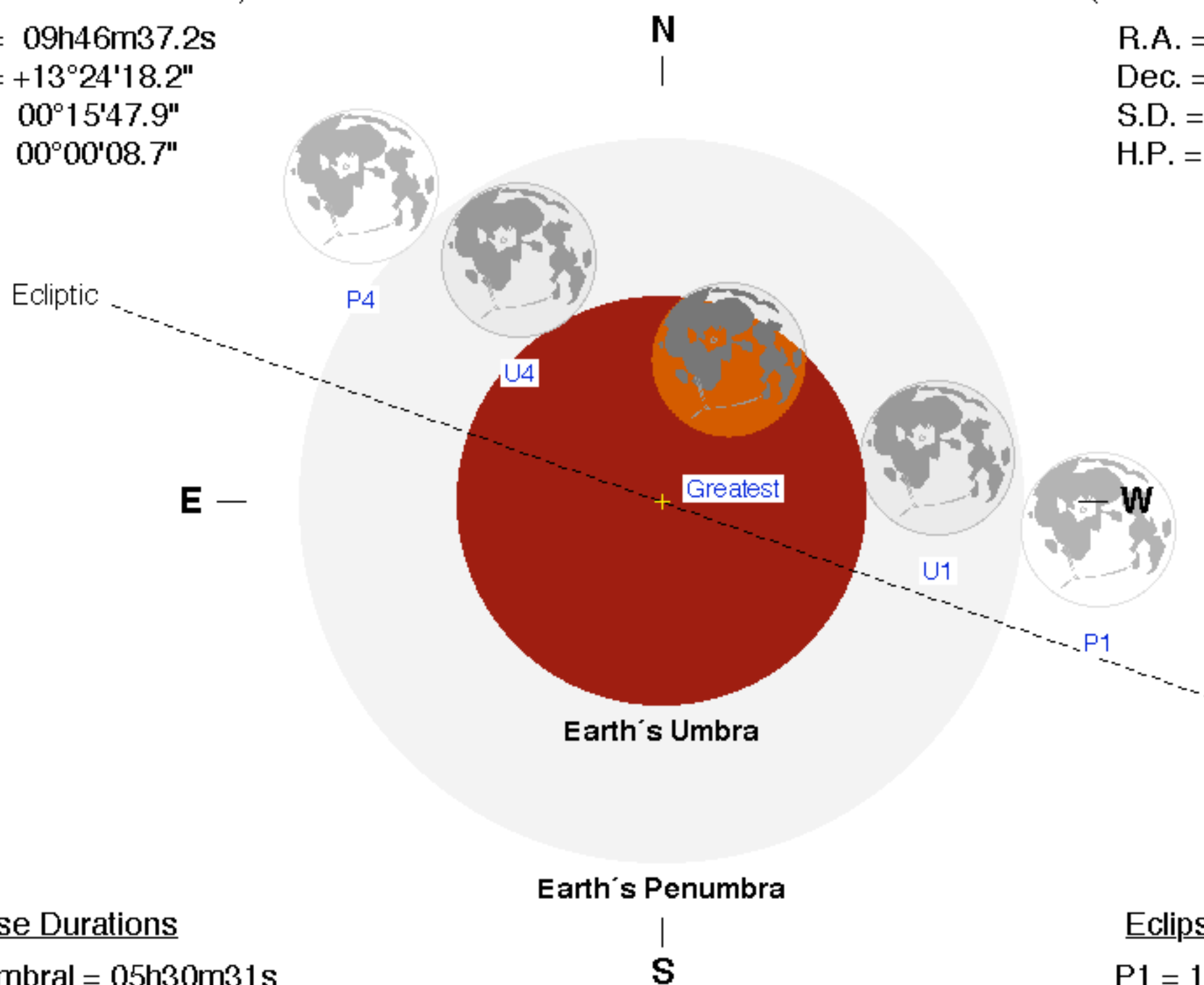
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h45m41.8s

Dec. = -12°55'29.2"

S.D. = 00°15'21.1"

H.P. = 00°56'20.5"



Eclipse Durations

Penumbral = 05h30m31s

Umbral = 03h08m08s

$\Delta T = 66$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

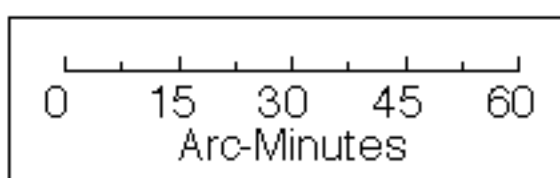
Eclipse Contacts

P1 = 18:24:50 UT

U1 = 19:36:05 UT

U4 = 22:44:13 UT

P4 = 23:55:21 UT



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

