

Partial Lunar Eclipse of 1988 Aug 27

Ecliptic Conjunction = 10:56:47.0 TD (= 10:55:50.9 UT)

Greatest Eclipse = 11:05:28.9 TD (= 11:04:32.8 UT)

Penumbral Magnitude = 1.2380

P. Radius = 1.2998°

Gamma = -0.8681

Umbral Magnitude = 0.2915

U. Radius = 0.7720°

Axis = 0.8883°

Saros Series = 118 Member = 50 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h25m02.1s

Dec. = +09°54'10.9"

S.D. = 00°15'50.0"

H.P. = 00°00'08.7"

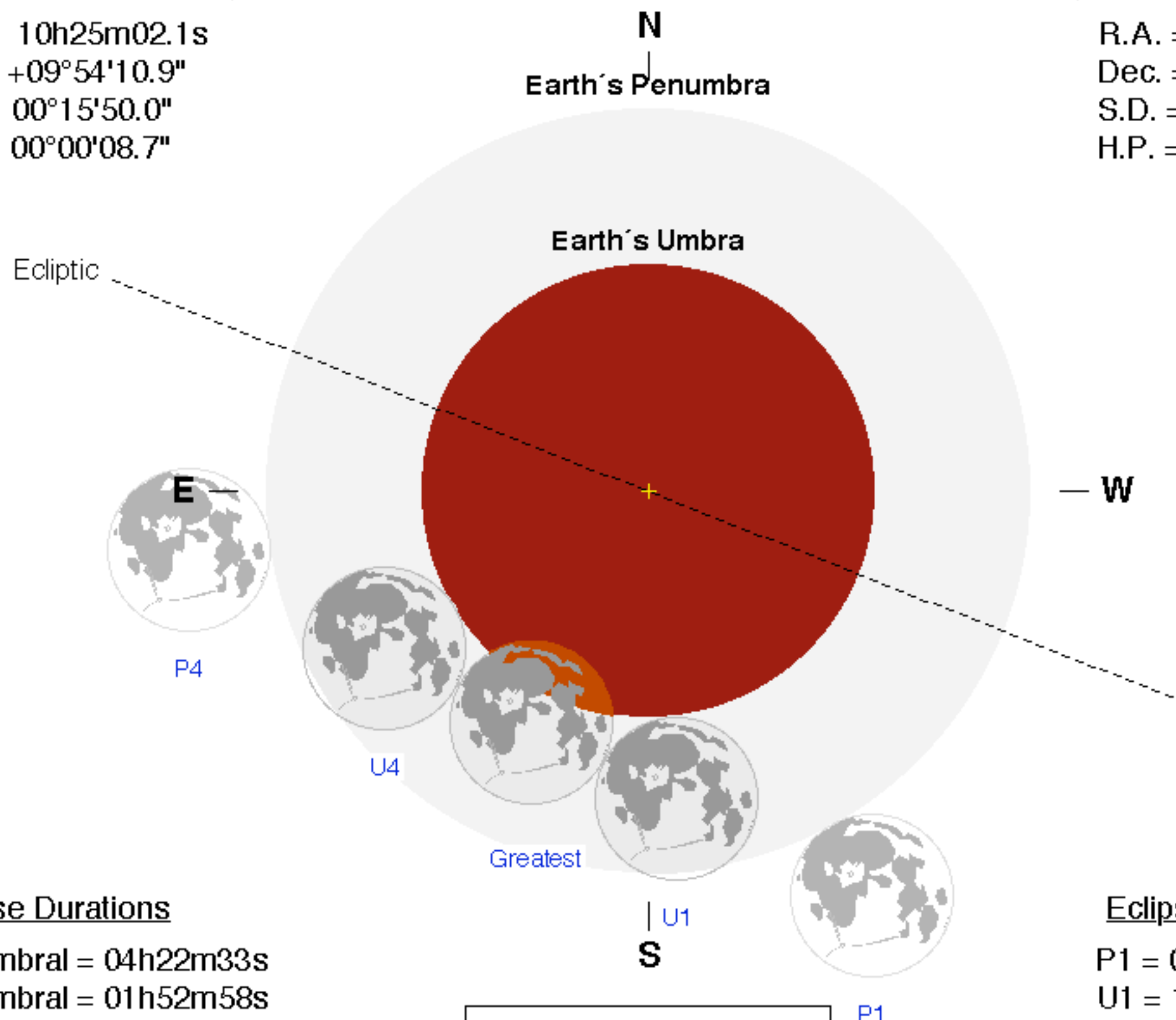
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h26m40.3s

Dec. = -10°41'41.4"

S.D. = 00°16'43.7"

H.P. = 01°01'23.7"



Eclipse Durations

Penumbral = 04h22m33s

Umbral = 01h52m58s

Eclipse Contacts

P1 = 08:53:16 UT

U1 = 10:08:04 UT

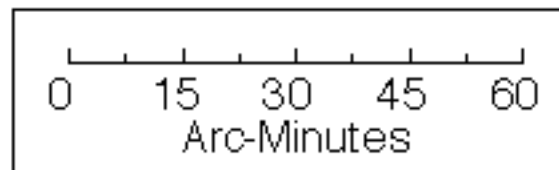
U4 = 12:01:02 UT

P4 = 13:15:48 UT

$\Delta T = 56$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

