

Partial Lunar Eclipse of 2034 Sep 28

Ecliptic Conjunction = 02:58:00.7 TD (= 02:56:39.9 UT)

Greatest Eclipse = 02:47:36.7 TD (= 02:46:16.0 UT)

Penumbral Magnitude = 0.9911

P. Radius = 1.2779°

Gamma = -1.0110

Umbral Magnitude = 0.0144

U. Radius = 0.7459°

Axis = 1.0104°

Saros Series = 147 Member = 10 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h18m35.8s

Dec. = -02°00'43.0"

S.D. = 00°15'57.6"

H.P. = 00°00'08.8"

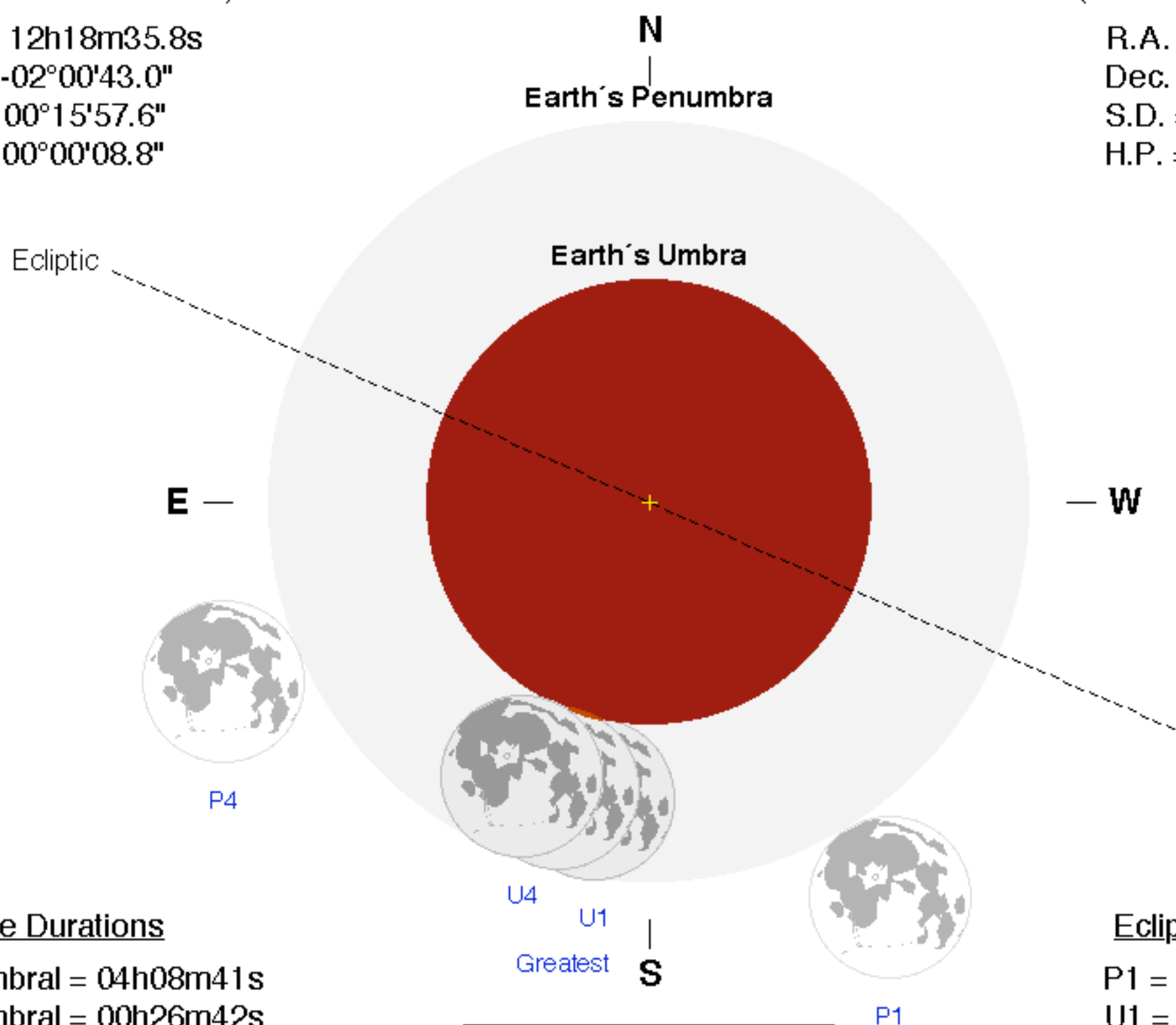
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h19m49.9s

Dec. = +01°02'59.4"

S.D. = 00°16'20.4"

H.P. = 00°59'58.1"



Eclipse Durations

Penumbral = 04h08m41s

Umbral = 00h26m42s

Eclipse Contacts

P1 = 00:41:57 UT

U1 = 02:33:00 UT

U4 = 02:59:42 UT

P4 = 04:50:38 UT

$\Delta T = 81$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

