

Partial Lunar Eclipse of 2081 Mar 25

Ecliptic Conjunction = 00:31:51.8 TD (= 00:29:12.3 UT)

Greatest Eclipse = 00:22:01.3 TD (= 00:19:21.8 UT)

Penumbral Magnitude = 1.0652

P. Radius = 1.2916°

Gamma = -0.9687

Umbral Magnitude = 0.0953

U. Radius = 0.7568°

Axis = 0.9800°

Saros Series = 143

Member = 22 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h18m29.3s

Dec. = +02°00'00.0"

S.D. = 00°16'02.5"

H.P. = 00°00'08.8"

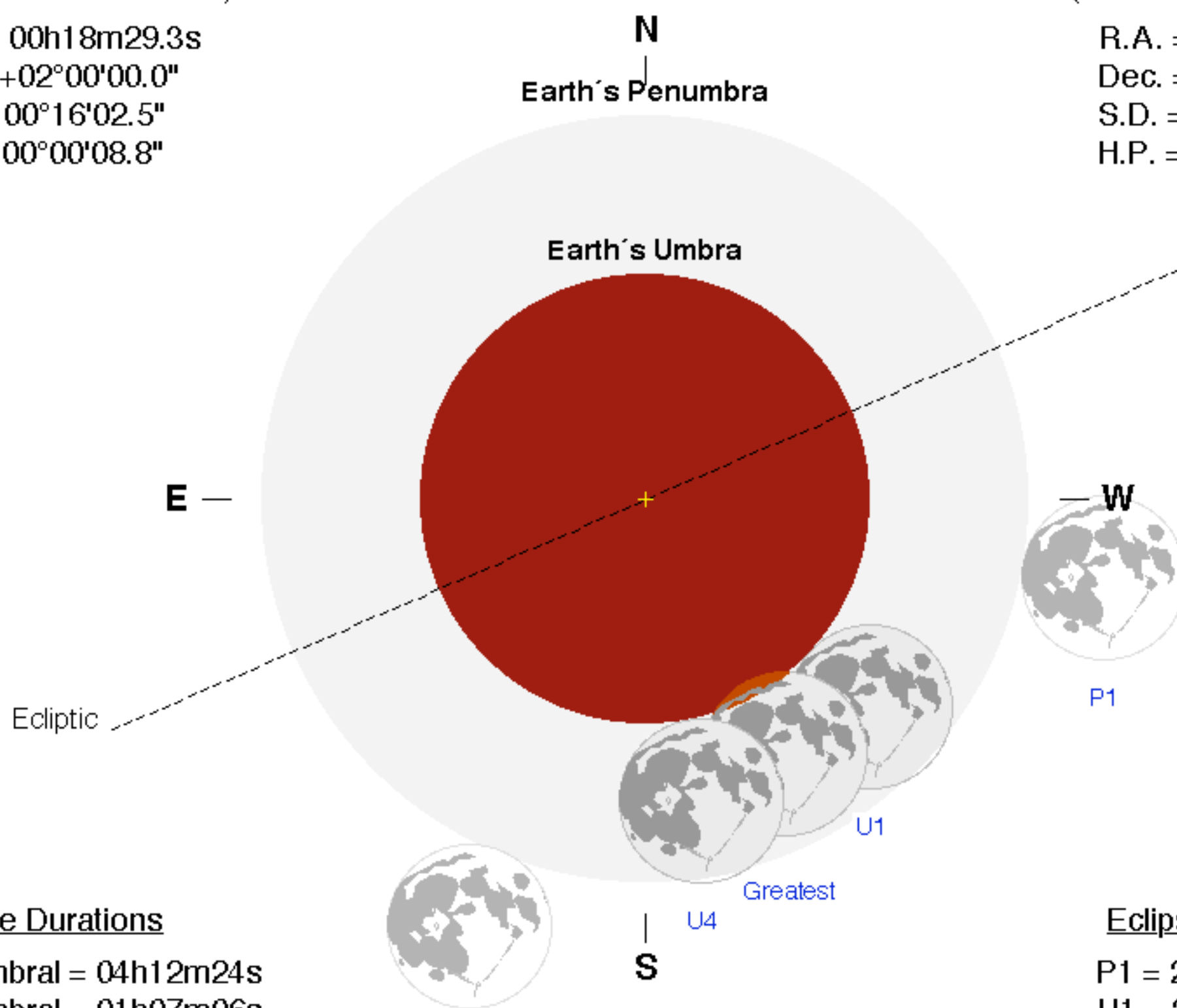
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h16m35.4s

Dec. = -02°51'28.1"

S.D. = 00°16'32.3"

H.P. = 01°00'41.9"



Eclipse Durations

Penumbral = 04h12m24s

Umbral = 01h07m06s

Eclipse Contacts

P1 = 22:13:10 UT

U1 = 23:45:46 UT

U4 = 00:52:51 UT

P4 = 02:25:34 UT

$\Delta T = 159$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

