

Penumbral Lunar Eclipse of 1980 Aug 26

Ecliptic Conjunction = 03:43:03.5 TD (= 03:42:12.4 UT)

Greatest Eclipse = 03:31:19.8 TD (= 03:30:28.7 UT)

Penumbral Magnitude = 0.7089

P. Radius = 1.2828°

Gamma = -1.1608

Umbral Magnitude = -0.2531

U. Radius = 0.7551°

Axis = 1.1682°

Saros Series = 147 Member = 7 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h19m57.4s

Dec. = +10°23'14.8"

S.D. = 00°15'49.7"

H.P. = 00°00'08.7"

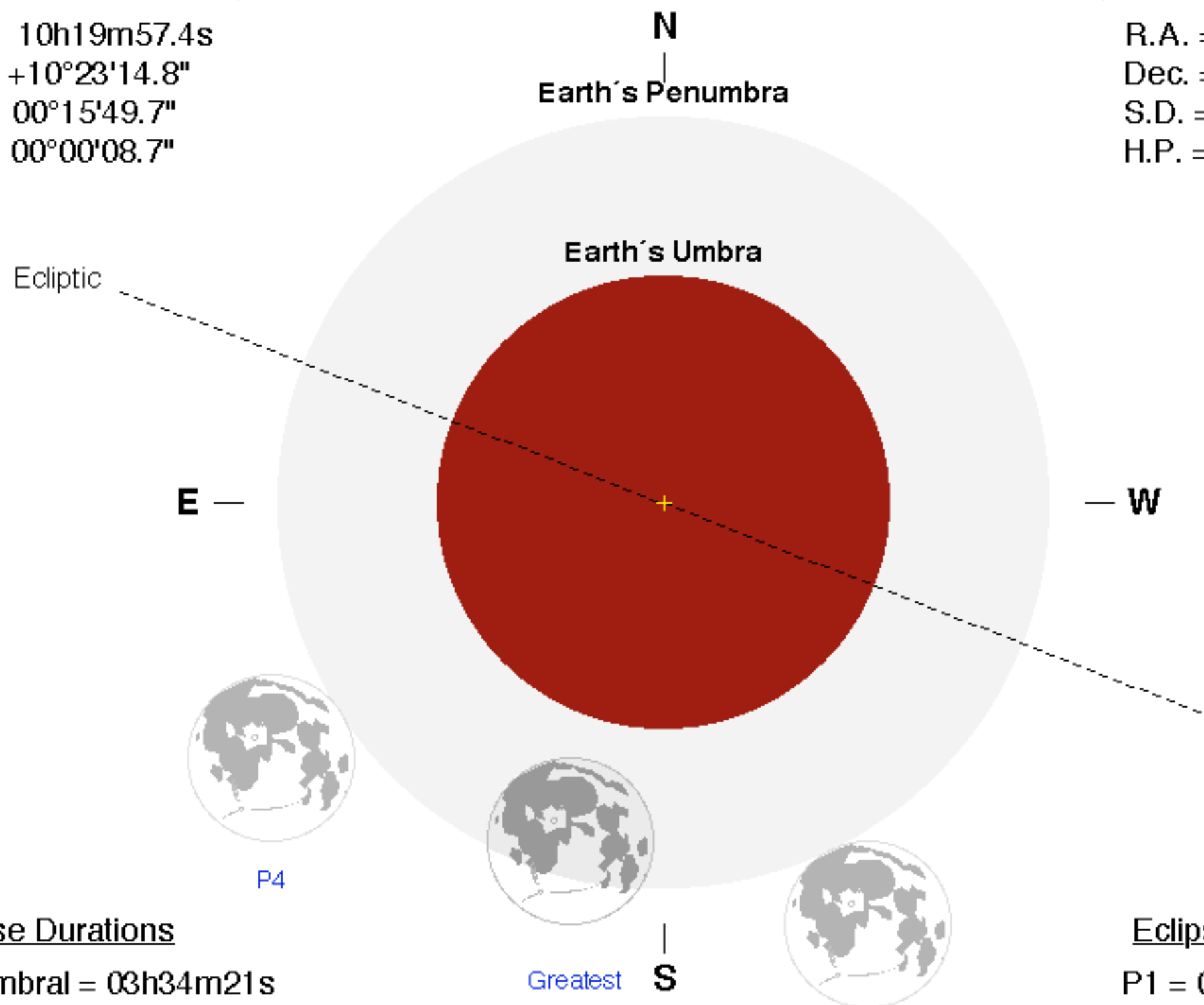
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h21m14.4s

Dec. = -11°30'44.5"

S.D. = 00°16'27.2"

H.P. = 01°00'23.2"



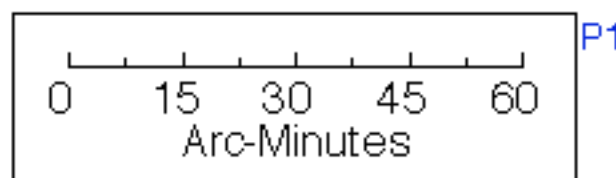
Eclipse Durations

Penumbral = 03h34m21s

Eclipse Contacts

P1 = 01:43:21 UT

P4 = 05:17:42 UT



$\Delta T = 51$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

