

Penumbral Lunar Eclipse of 1976 Nov 06

Ecliptic Conjunction = 23:15:21.9 TD (= 23:14:34.5 UT)

Greatest Eclipse = 23:01:59.2 TD (= 23:01:11.8 UT)

Penumbral Magnitude = 0.8383

P. Radius = 1.1800°

Gamma = -1.1275

Umbral Magnitude = -0.2594

U. Radius = 0.6419°

Axis = 1.0142°

Saros Series = 145 Member = 9 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h48m49.1s

Dec. = -16°14'19.9"

S.D. = 00°16'08.5"

H.P. = 00°00'08.9"

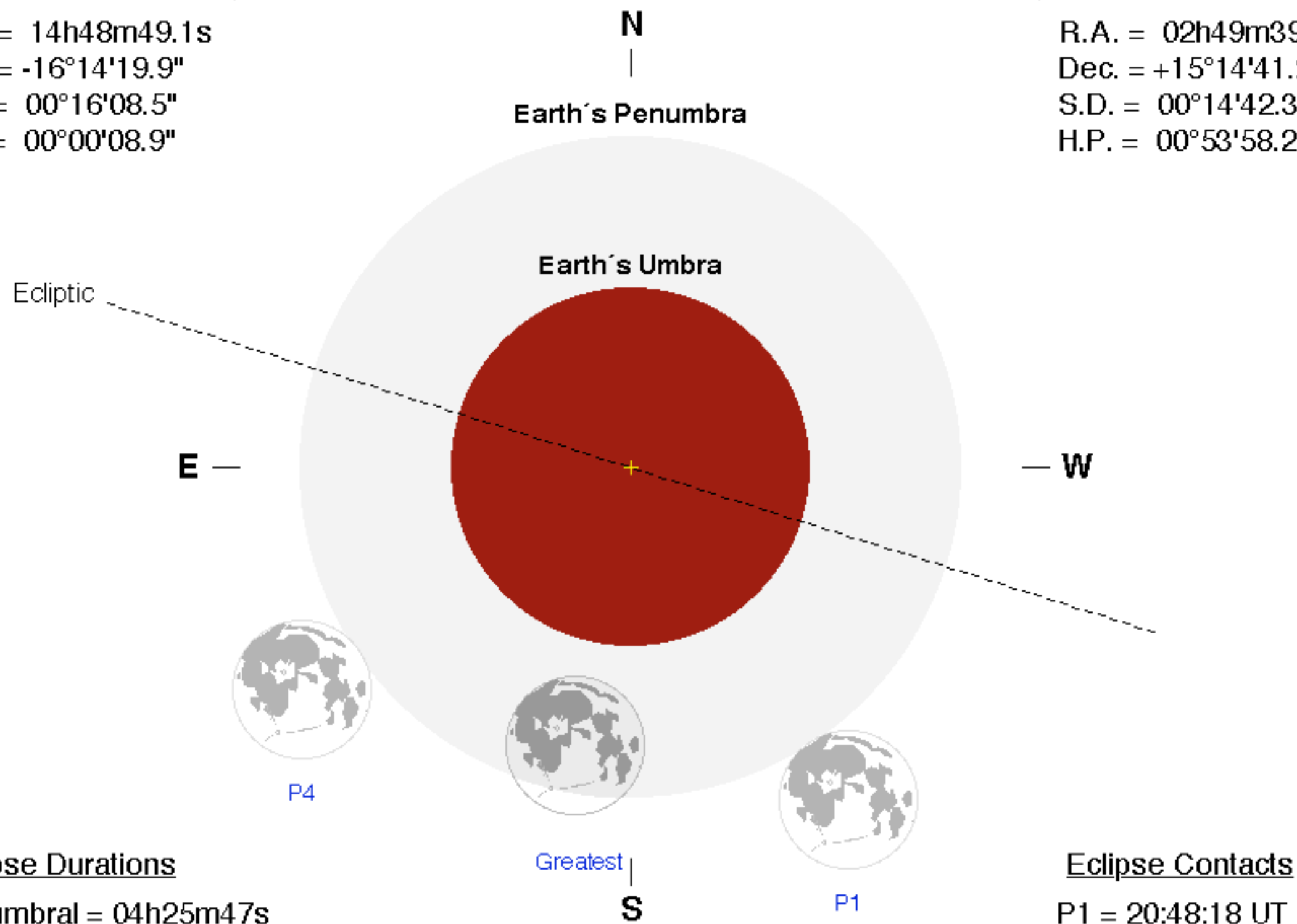
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h49m39.2s

Dec. = +15°14'41.2"

S.D. = 00°14'42.3"

H.P. = 00°53'58.2"



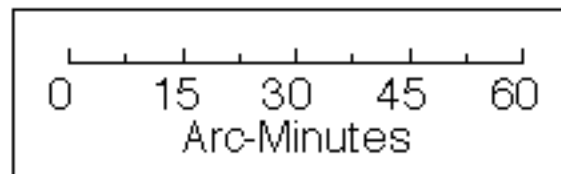
Eclipse Durations

Penumbral = 04h25m47s

Eclipse Contacts

P1 = 20:48:18 UT

P4 = 01:14:05 UT



$\Delta T = 47$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

