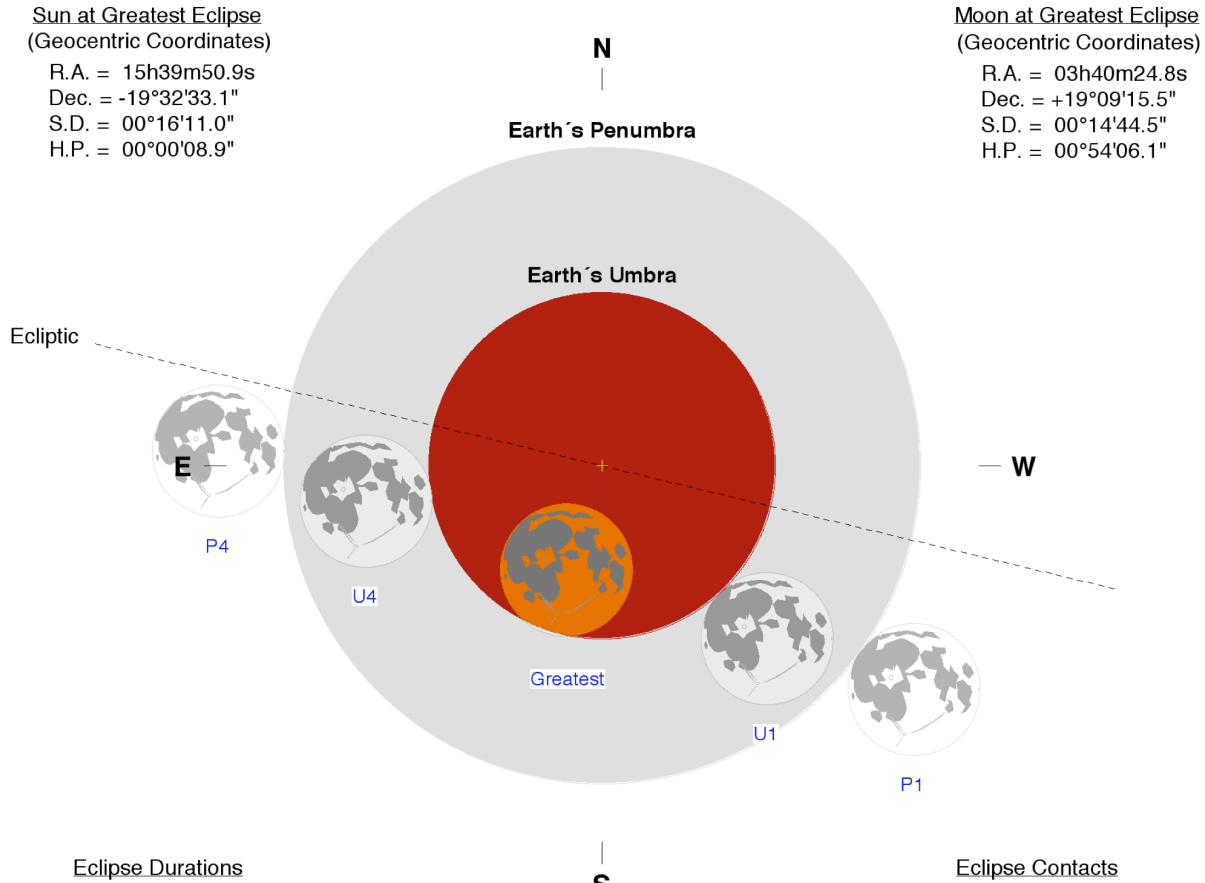
Figure 4

Partial Lunar Eclipse of 2021 Nov 19

Greatest Eclipse = 09:04:05.8 TD (= 09:02:55.5 UT1)

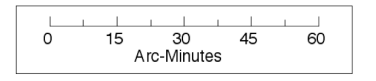
Penumbral Magnitude = 2.0720 Gamma = -0.4552 Saros Series = 126
Umbral Magnitude = 0.9742 Axis = 0.4104° Saros Member = 45 of 70

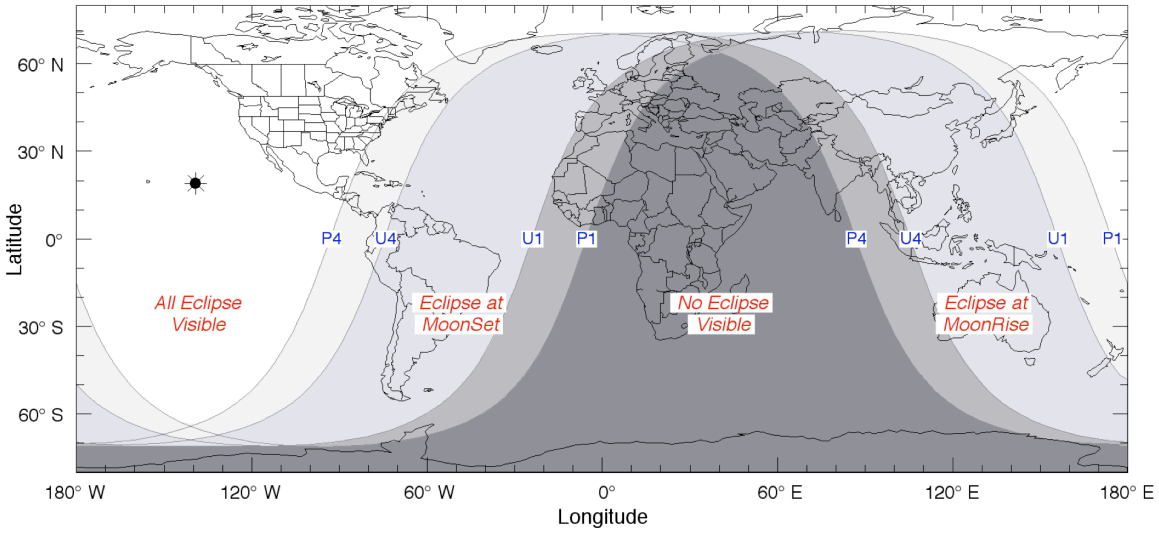


Eclipse Durations
Penumbral = 06h01m35s
Umbral = 03h28m24s

Eclipse Contacts
P1 = 06:02:09 UT1
U1 = 07:18:43 UT1
U4 = 10:47:07 UT1
P4 = 12:03:44 UT1

Eph. = JPL DE405
Rule = Danjon
ΔT = 70 s





F. Espenak, *"Eclipses During 2021"*, **Observer's Handbook – 2021**, Royal Astronomical Society of Canada