

Figure 3

# Partial Solar Eclipse of 2022 Oct 25

Greatest Eclipse = 11:01:20.0 TD (= 11:00:09.1 UT1)

Eclipse Magnitude = 0.8619

Saros Series = 124

Gamma = 1.0701

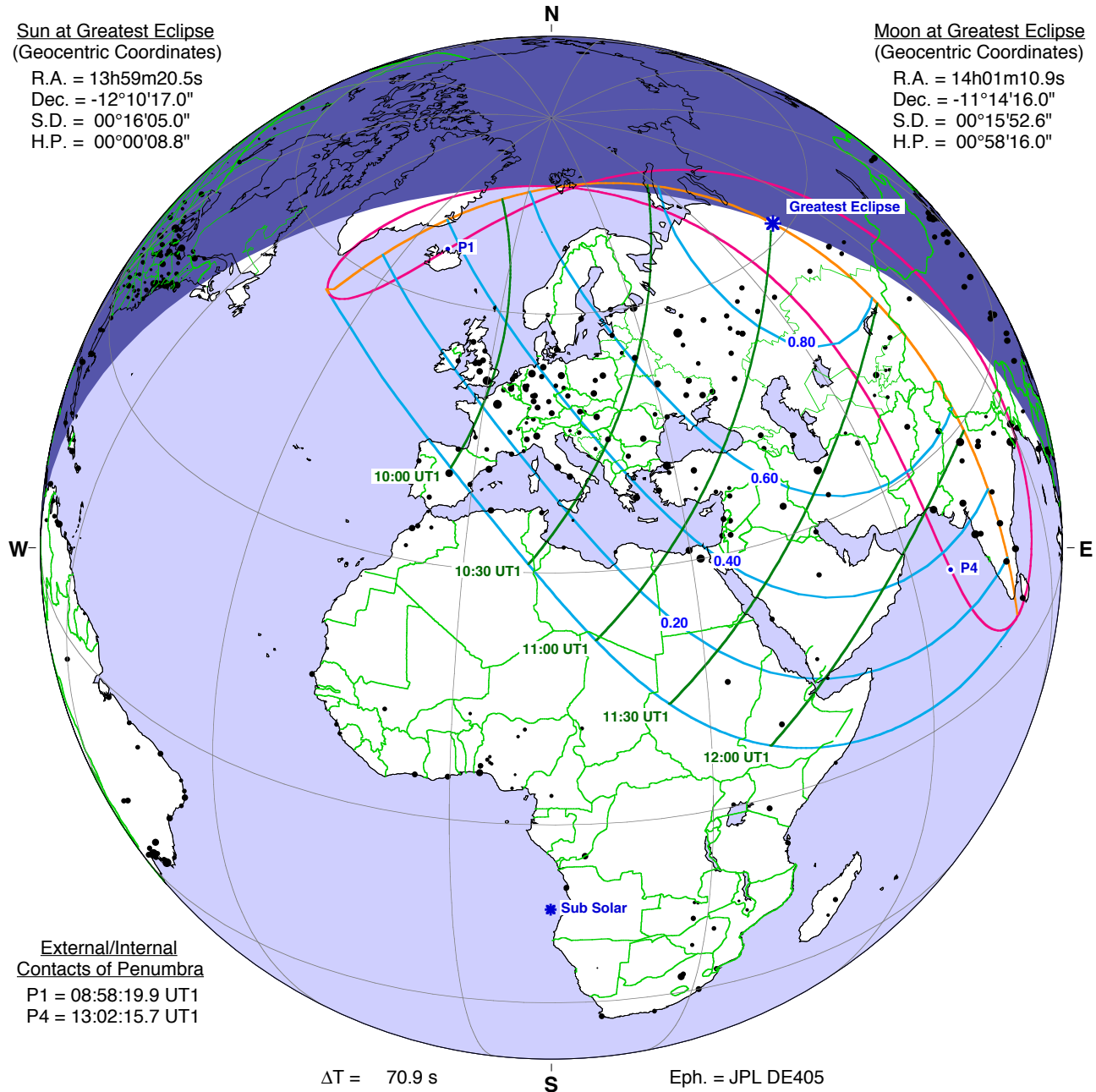
Saros Member = 55 of 73

Sun at Greatest Eclipse  
(Geocentric Coordinates)

R.A. = 13h59m20.5s  
Dec. = -12°10'17.0"  
S.D. = 00°16'05.0"  
H.P. = 00°00'08.8"

Moon at Greatest Eclipse  
(Geocentric Coordinates)

R.A. = 14h01m10.9s  
Dec. = -11°14'16.0"  
S.D. = 00°15'52.6"  
H.P. = 00°58'16.0"



External/Internal  
Contacts of Penumbra  
P1 = 08:58:19.9 UT1  
P4 = 13:02:15.7 UT1

$\Delta T = 70.9$  s

S

Eph. = JPL DE405

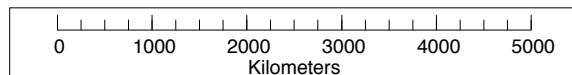
Circumstances at Greatest Eclipse: 11:00:09.1 UT1

Lat. = 61°38.9'N

Sun Alt. = 0.0°

Long. = 077°20.8'E

Sun Azm. = 243.6°



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