

Figure 1

Partial Solar Eclipse of 2022 Apr 30

Greatest Eclipse = 20:42:36.5 TD (= 20:41:25.8 UT1)

Eclipse Magnitude = 0.6396
Gamma = -1.1901

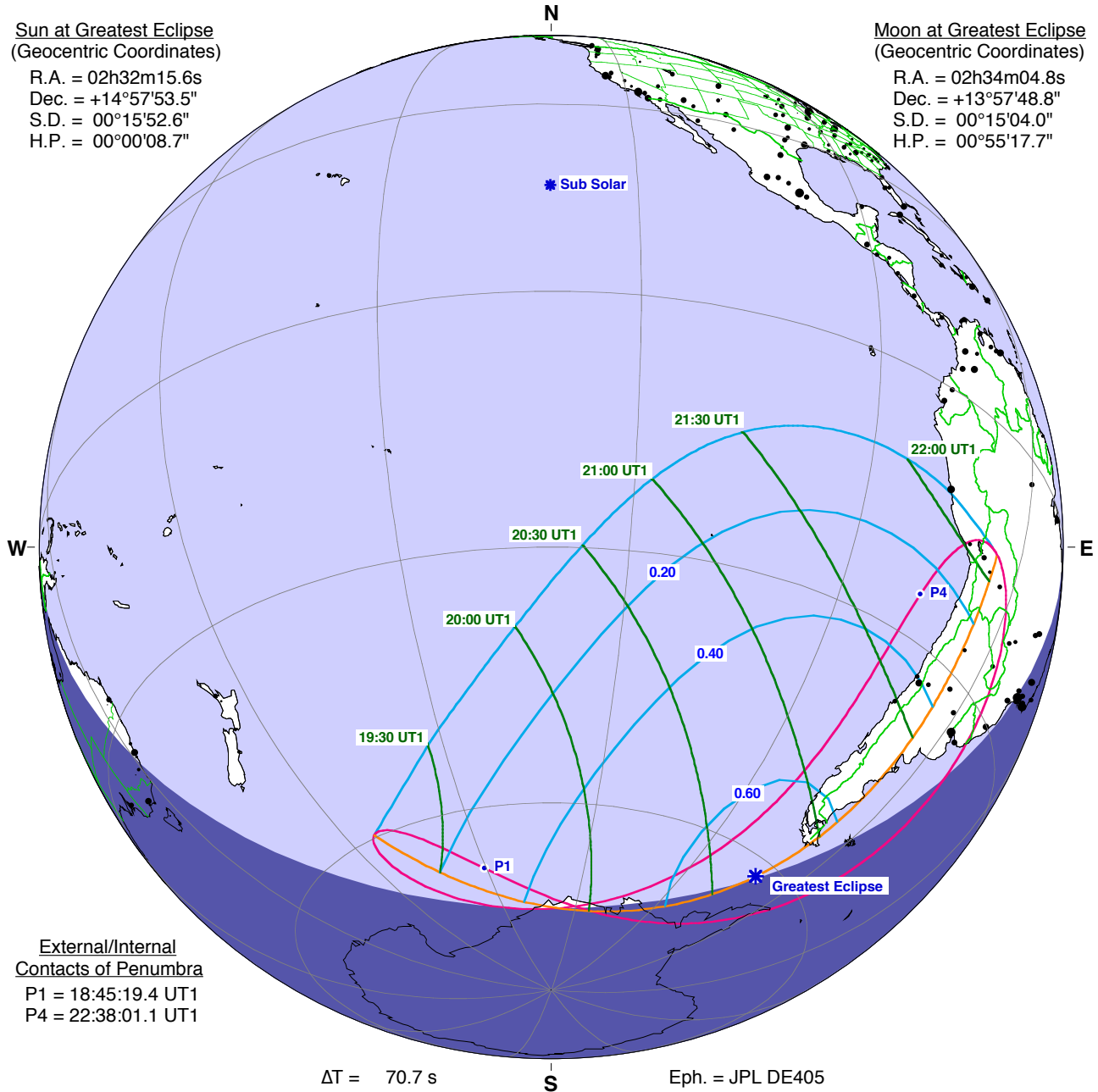
Saros Series = 119
Saros Member = 66 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 02h32m15.6s
Dec. = +14°57'53.5"
S.D. = 00°15'52.6"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 02h34m04.8s
Dec. = +13°57'48.8"
S.D. = 00°15'04.0"
H.P. = 00°55'17.7"



External/Internal
Contacts of Penumbra

P1 = 18:45:19.4 UT1
P4 = 22:38:01.1 UT1

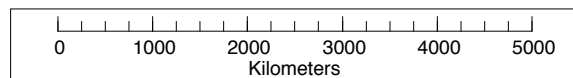
$\Delta T = 70.7$ s

S

Eph. = JPL DE405

Circumstances at Greatest Eclipse: 20:41:25.8 UT1

Lat. = 62°07.0'S Sun Alt. = 0.0°
Long. = 071°28.7'W Sun Azm. = 303.5°



©2016 F. Espenak
www.EclipseWise.com