

Partial Solar Eclipse of 2019 Jan 06

Greatest Eclipse = 01:42:37.7 TD (= 01:41:28.3 UT1)

Eclipse Magnitude = 0.7146

Saros Series = 122

Gamma = 1.1417

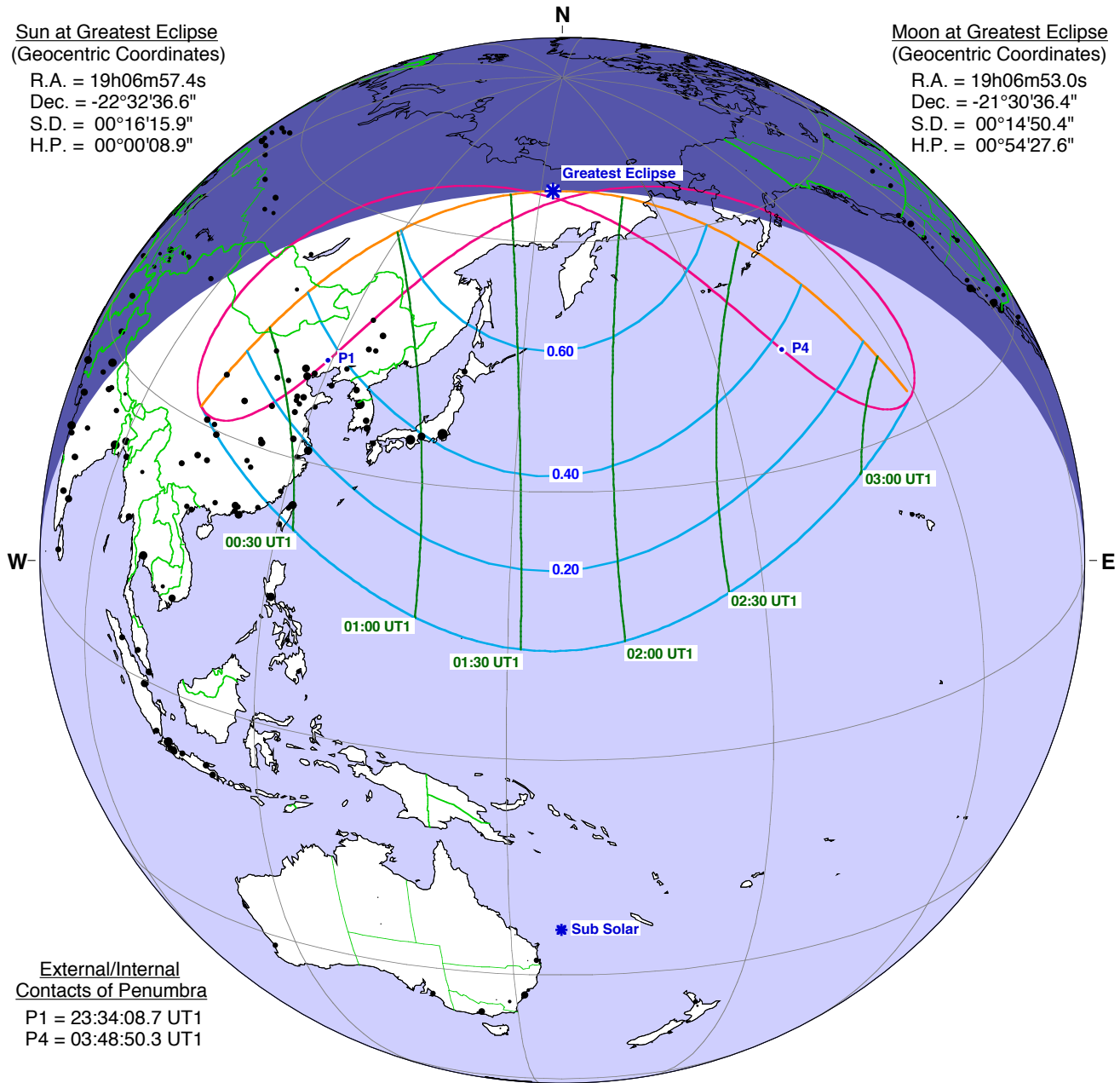
Saros Member = 58 of 70

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 19h06m57.4s
Dec. = -22°32'36.6"
S.D. = 00°16'15.9"
H.P. = 00°00'08.9"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 19h06m53.0s
Dec. = -21°30'36.4"
S.D. = 00°14'50.4"
H.P. = 00°54'27.6"



External/Internal
Contacts of Penumbra

P1 = 23:34:08.7 UT1
P4 = 03:48:50.3 UT1

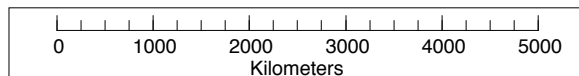
$\Delta T = 69.4$ s

S

Eph. = JPL DE405

Circumstances at Greatest Eclipse: 01:41:28.3 UT1

Lat. = 67°26.1'N Sun Alt. = 0.0°
Long. = 153°33.7'E Sun Azm. = 177.7°



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