

Partial Solar Eclipse of 2018 Feb 15

Greatest Eclipse = 20:52:33.3 TD (= 20:51:24.3 UT1)

Eclipse Magnitude = 0.5991
Gamma = -1.2116

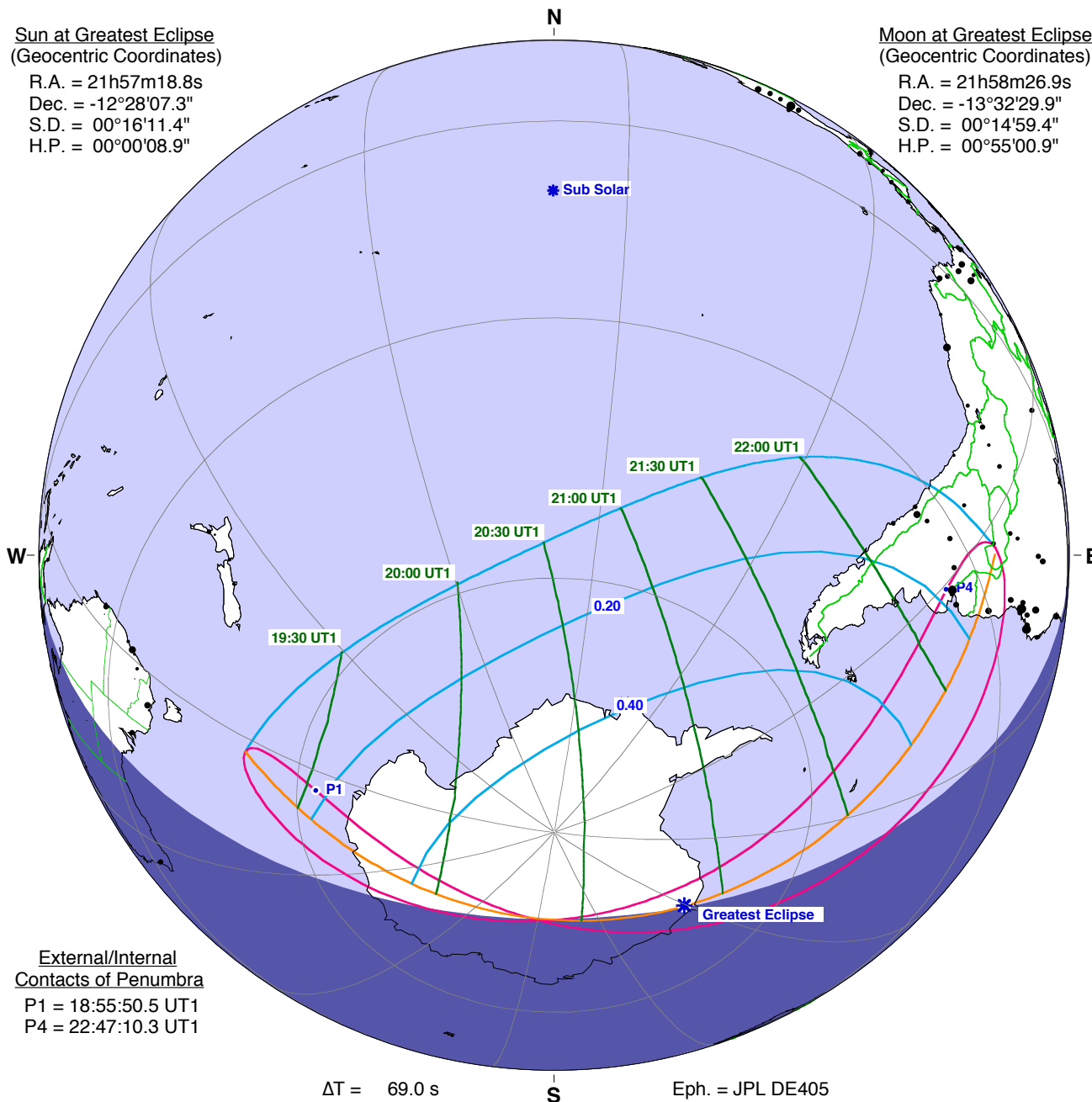
Saros Series = 150
Saros Member = 17 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 21h57m18.8s
Dec. = -12°28'07.3"
S.D. = 00°16'11.4"
H.P. = 00°00'08.9"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 21h58m26.9s
Dec. = -13°32'29.9"
S.D. = 00°14'59.4"
H.P. = 00°55'00.9"



External/Internal
Contacts of Penumbra

P1 = 18:55:50.5 UT1
P4 = 22:47:10.3 UT1

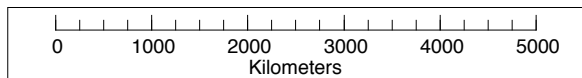
$\Delta T = 69.0$ s

S

Eph. = JPL DE405

Circumstances at Greatest Eclipse: 20:51:24.3 UT1

Lat. = 71°01.6'S Sun Alt. = 0.0°
Long. = 000°38.5'E Sun Azm. = 228.4°



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