

Partial Solar Eclipse of 2029 Jul 11

Greatest Eclipse = 15:37:18.9 TD (= 15:36:05.3 UT1)

Eclipse Magnitude = 0.2303

Saros Series = 156

Gamma = -1.4191

Saros Member = 2 of 69

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 07h24m55.6s

Dec. = +22°00'04.3"

S.D. = 00°15'43.9"

H.P. = 00°00'08.7"

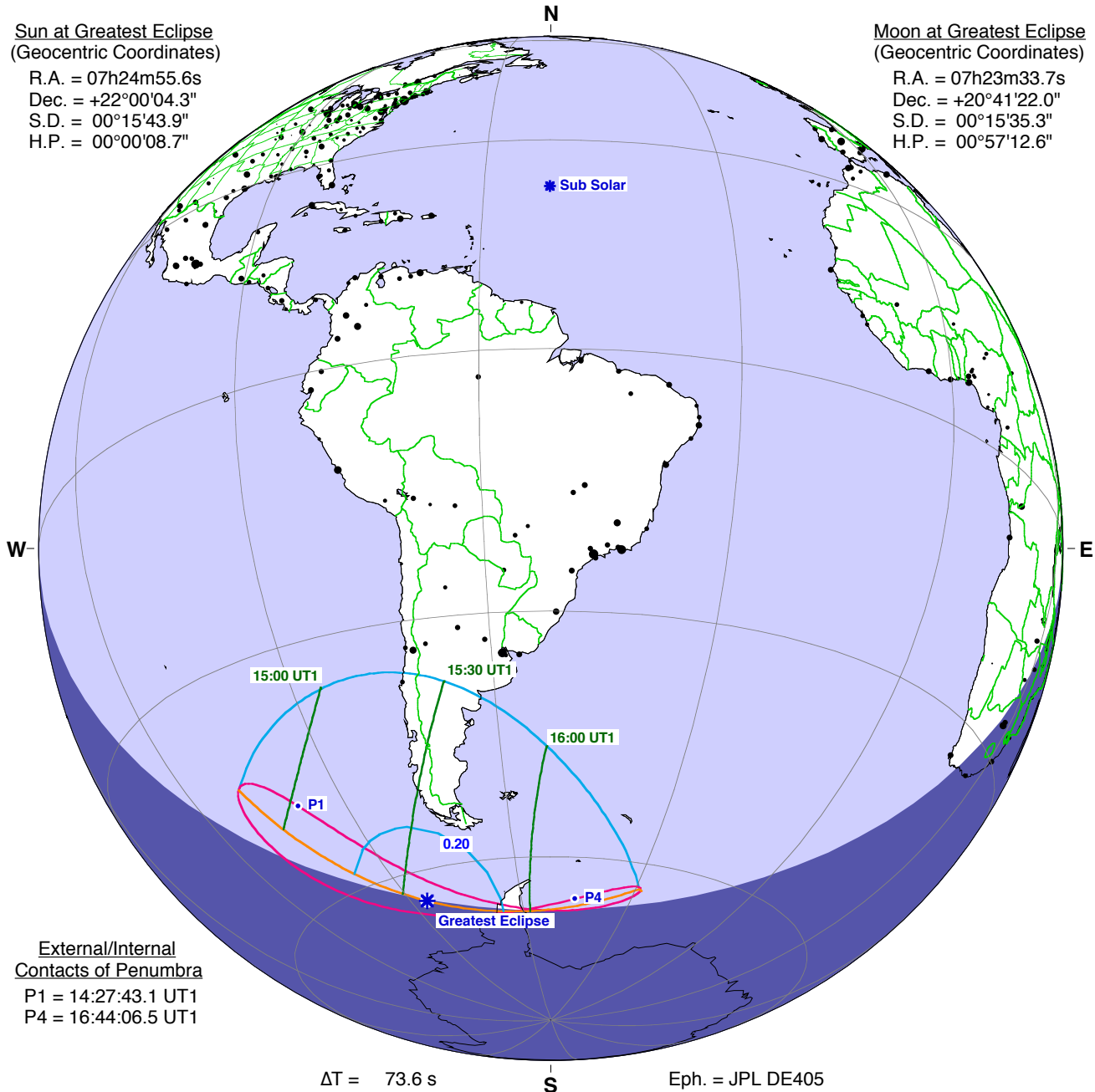
Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 07h23m33.7s

Dec. = +20°41'22.0"

S.D. = 00°15'35.3"

H.P. = 00°57'12.6"



External/Internal
Contacts of Penumbra

P1 = 14:27:43.1 UT1

P4 = 16:44:06.5 UT1

$\Delta T = 73.6$ s

S

Eph. = JPL DE405

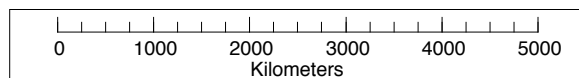
Circumstances at Greatest Eclipse: 15:36:05.3 UT1

Lat. = 64°15.8'S

Sun Alt. = 0.0°

Long. = 085°37.4'W

Sun Azm. = 30.4°



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