

Penumbral Lunar Eclipse of 2009 Aug 06

Geocentric Conjunction = 01:44:58.4 UT J.D. = 2455049.57290
 Greatest Eclipse = 00:39:10.9 UT J.D. = 2455049.52721

Penumbral Magnitude = 0.4276 P. Radius = 1.1902° Gamma = 1.3574
 Umbral Magnitude = -0.6617 U. Radius = 0.6541° Axis = 1.2259°

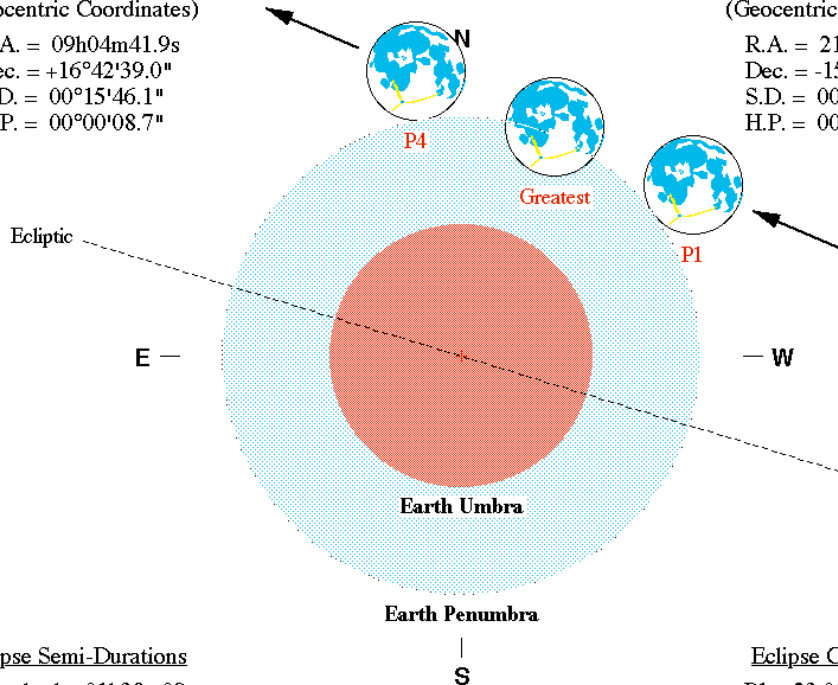
Saros Series = 148 Member = 3 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 09h04m41.9s
 Dec. = +16°42'39.0"
 S.D. = 00°15'46.1"
 H.P. = 00°00'08.7"

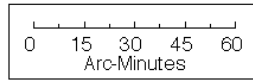
Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 21h02m46.2s
 Dec. = -15°34'32.4"
 S.D. = 00°14'45.9"
 H.P. = 00°54'11.4"



Eclipse Semi-Durations
 Penumbral = 01h38m09s

Eclipse Contacts
 P1 = 23:01:04 UT
 P4 = 02:17:23 UT



Eph. = Newcomb/ILE
 ΔT = 66.2 s

F. Espenak, NASA's GSFC - 2004 Jul 07

<http://sunearth.gsfc.nasa.gov/eclipse/eclipse.html>

