Penumbral Lunar Eclipse of 1908 Dec 07

Ecliptic Conjunction = 21:44:05.1 TD  ( = 21:43:56.2 UT )
Greatest Eclipse = 21:55:09.2 TD  ( = 21:55:00.3 UT )
Penumbral Magnitude = 1.0344  P. Radius = 1.2342°  Gamma = -1.0059
Umbral Magnitude = -0.0096  U. Radius = 0.6929°  Axis = 0.9571°

Saros Series = 114  Member = 53 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 16h56m43.8s  Dec. = -22°39'16.0"  S.D. = 00°16'14.4"
H.P. = 00°00'08.9"

Moon at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 04h57m34.5s  Dec. = +21°43'08.2"  S.D. = 00°15'33.4"
H.P. = 00°57'05.5"

Eclipse Durations
Penumbral = 04h29m45s

ΔT = 9s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

Eclipse Contacts
P1 = 19:10:05 UT  P4 = 00:09:50 UT

F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

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