Penumbral Lunar Eclipse of 1933 Mar 12

Ecliptic Conjunction = 02:46:00.6 TD (≈ 02:45:36.7 UT)
Greatest Eclipse = 02:33:03.4 TD (≈ 02:32:39.5 UT)

Penumbral Magnitude = 0.5923  P. Radius = 1.2572°  Gamma = -1.2869
Umbral Magnitude = -0.4154  U. Radius = 0.7208°  Axis = 1.2081°

Saros Series = 141  Member = 19 of 73

Sun at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 23h27m13.2s
Dec. = -03°32'18.1"
S.D. = 00°16'05.6"
H.P. = 00°00'08.8"

Moon at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 11h24m53.8s
Dec. = +09°28'42.7"
S.D. = 00°15'58.2"
H.P. = 00°58'36.5"

Eclipse Durations
Penumbral = 03h26m15s

ΔT = 24 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

Eclipse Contacts
P1 = 00:49:38 UT
P4 = 04:15:53 UT

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

No Eclipse Visible
Eclipse at Moon Rise
At Eclipse Visible
Eclipse at Moon Set