Total Lunar Eclipse of 1935 Jul 16

Ecliptic Conjunction = 05:00:46.8 TD  (≈ 05:00:22.9 UT)
Greatest Eclipse = 05:00:04.7 TD  (≈ 04:59:41.9 UT)

Penumbral Magnitude = 2.7146   P. Radius = 1.2769°   Gamma = 0.0672
Umbral Magnitude = 1.7542   U. Radius = 0.7521°   Axis = 0.0674°

Saros Series = 128   Member = 36 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 0h38m13.5s
Dec. = +21°31'47.9"
S.D. = 00°15'44.1"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 19h38m08.9s
Dec. = -21°27'53.8"
S.D. = 00°16'23.1"
H.P. = 01°00'08.0"

Eclipse Durations
Penumbral = 05h25m01s
Umbral = 03h34m48s
Total = 01h09m37s

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

Eclipse Contacts
P1 = 02:17:08 UT
U1 = 03:12:18 UT
U2 = 04:09:53 UT
U3 = 05:49:30 UT
U4 = 06:47:06 UT
P4 = 07:42:10 UT

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