Total Lunar Eclipse of 1924 Feb 20

Ecliptic Conjunction = 16:07:26.6 TD  (≈ 16:07:03.1 UT)
Greatest Eclipse = 16:08:55.0 TD  (≈ 16:08:31.4 UT)

Penumbral Magnitude = 2.6256  P. Radius = 1.2458°  Gamma = -0.1338
Umbral Magnitude = 1.5995  U. Radius = 0.7066°  Axis = 0.1290°

Saros Series = 122  Member = 51 of 75

Sun at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 22h11m17.8s
Dec. = -11°12'16.8"
S.D. = 00°16'10.5"
H.P. = 00°00'08.9"

Moon at Greatest Eclipse
(Geocentric Coordinates)
R.A. = 10h11m09.4s
Dec. = +11°04'48.3"
S.D. = 00°15'45.7"
H.P. = 00°57'50.8"

Eclipse Durations
Penumbral = 05h43m37s
Umbral = 03h39m40s
Total = 01h57m08s

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

Eclipse Contacts
P1 = 13:16:40 UT
U1 = 14:18:42 UT
U2 = 15:19:58 UT
U3 = 16:57:06 UT
U4 = 17:58:23 UT
P4 = 19:00:17 UT

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