

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 (= 04:59:40.9 UT)

Penumbral Magnitude = 2.7146

P. Radius = 1.2769°

Gamma = 0.0672

Umbral Magnitude = 1.7542

U. Radius = 0.7524°

Axis = 0.0674°

Saros Series = 128

Member = 36 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h38m13.5s

Dec. = +21°31'47.9"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

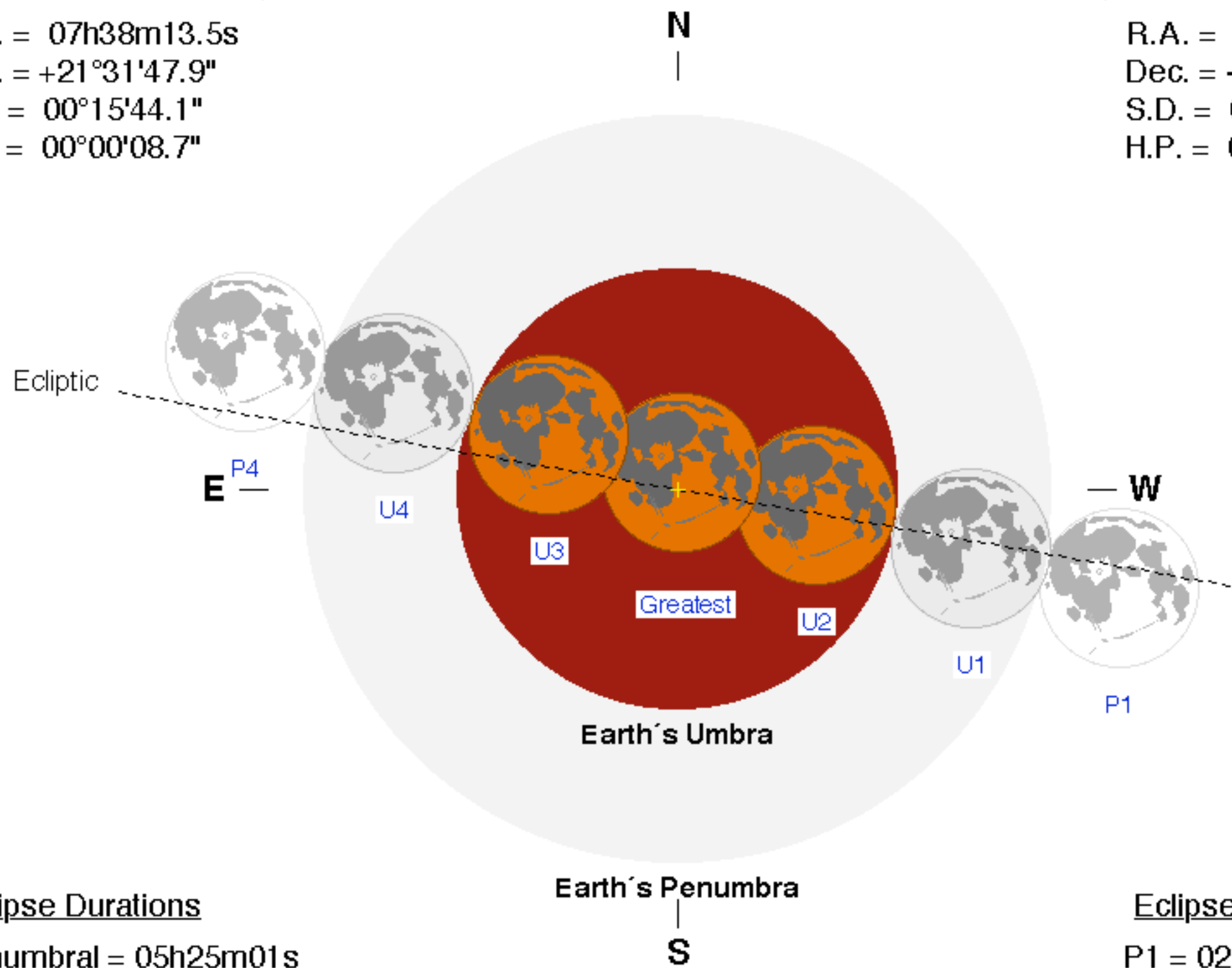
Moon at Greatest Eclipse (Geocentric Coordinates)

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 = 01h39m37s

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

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P1 = 02:17:08 UT

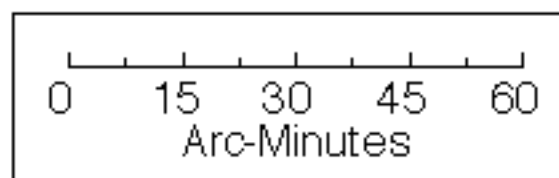
U1 = 03:12:18 UT

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

