

Total Lunar Eclipse of 1936 Jan 08

Ecliptic Conjunction = 18:14:59.4 TD (= 18:14:35.6 UT)

Greatest Eclipse = 18:09:57.9 TD (= 18:09:34.1 UT)

Penumbral Magnitude = 2.0740

P. Radius = 1.2245°

Gamma = -0.4428

Umbral Magnitude = 1.0173

U. Radius = 0.6823°

Axis = 0.4169°

Saros Series = 133

Member = 22 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h15m02.9s

Dec. = -22°19'38.2"

S.D. = 00°16'15.9"

H.P. = 00°00'08.9"

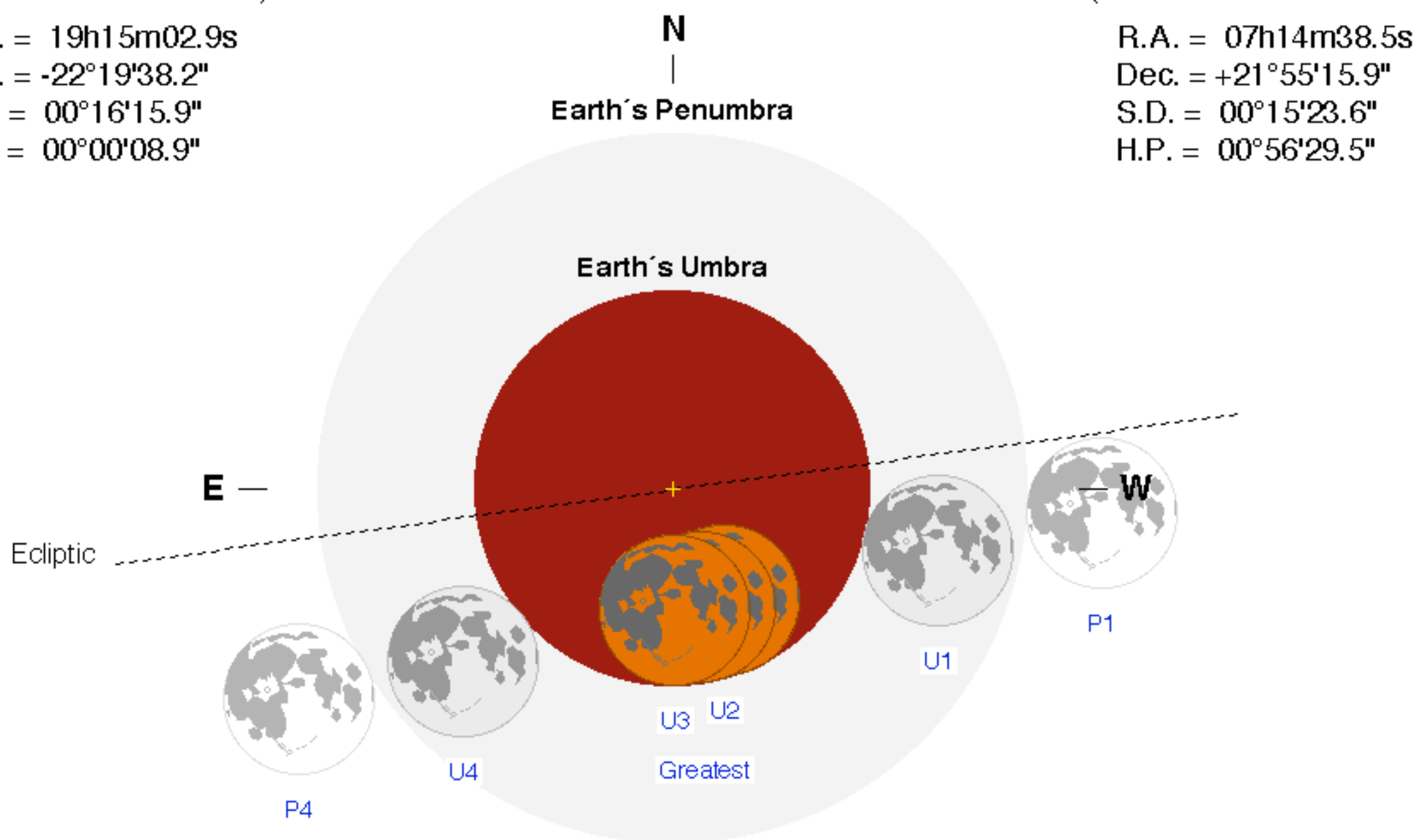
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h14m38.5s

Dec. = +21°55'15.9"

S.D. = 00°15'23.6"

H.P. = 00°56'29.5"



Eclipse Durations

Penumbral = 05h42m05s

Umbral = 03h22m31s

Total = 00h20m48s

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 15:18:34 UT

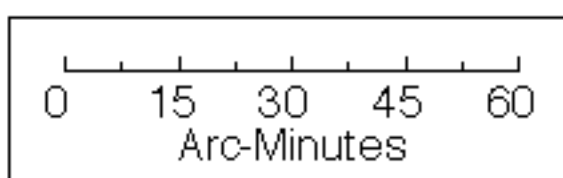
U1 = 16:28:17 UT

U2 = 17:59:09 UT

U3 = 18:19:56 UT

U4 = 19:50:48 UT

P4 = 21:00:40 UT



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eclipse.gsfc.nasa.gov/eclipse.html

