

Total Lunar Eclipse of 1953 Jan 29

Ecliptic Conjunction = 23:44:40.6 TD (= 23:44:10.3 UT)

Greatest Eclipse = 23:47:48.5 TD (= 23:47:18.2 UT)

Penumbral Magnitude = 2.4291

P. Radius = 1.1868°

Gamma = 0.2606

Umbral Magnitude = 1.3314

U. Radius = 0.6456°

Axis = 0.2358°

Saros Series = 123

Member = 49 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h48m59.2s

Dec. = -17°47'59.2"

S.D. = 00°16'14.1"

H.P. = 00°00'08.9"

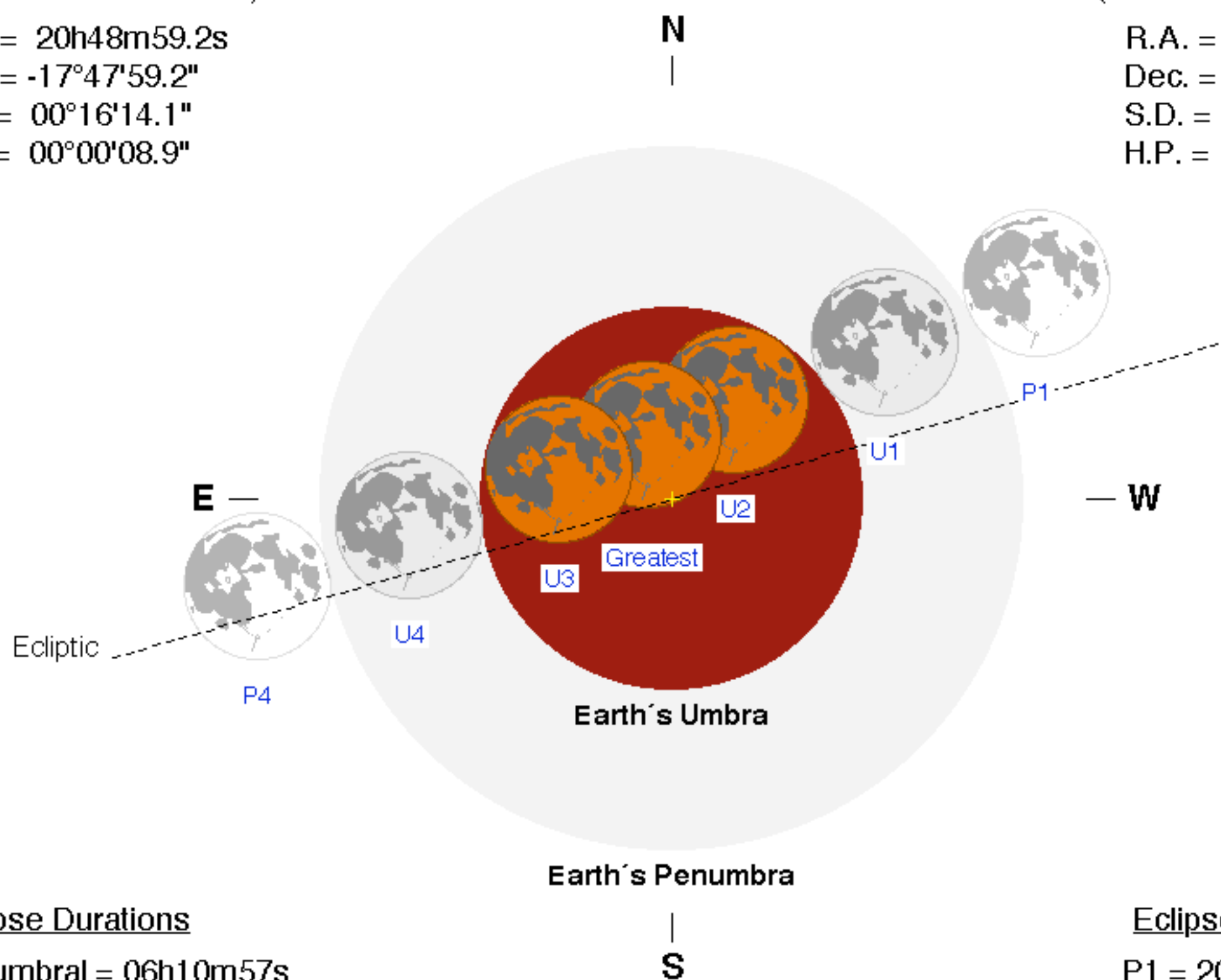
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h49m20.8s

Dec. = +18°01'09.9"

S.D. = 00°14'47.4"

H.P. = 00°54'16.9"



Eclipse Durations

Penumbral = 06h10m57s

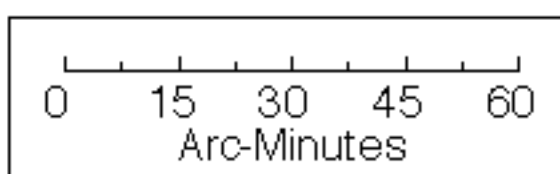
Umbral = 03h45m47s

Total = 01h24m31s

$\Delta T = 30$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

Eclipse Contacts

P1 = 20:41:51 UT

U1 = 21:54:24 UT

U2 = 23:05:02 UT

U3 = 00:29:33 UT

U4 = 01:40:11 UT

P4 = 02:52:48 UT

