

# Total Lunar Eclipse of 1920 May 03

Ecliptic Conjunction = 01:47:15.0 TD (= 01:46:53.6 UT)

Greatest Eclipse = 01:51:08.5 TD (= 01:50:47.0 UT)

Penumbral Magnitude = 2.2818

P. Radius = 1.1891°

Gamma = -0.3312

Umbral Magnitude = 1.2194

U. Radius = 0.6604°

Axis = 0.3024°

Saros Series = 120

Member = 53 of 84

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h39m30.7s

Dec. = +15°32'26.3"

S.D. = 00°15'51.7"

H.P. = 00°00'08.7"

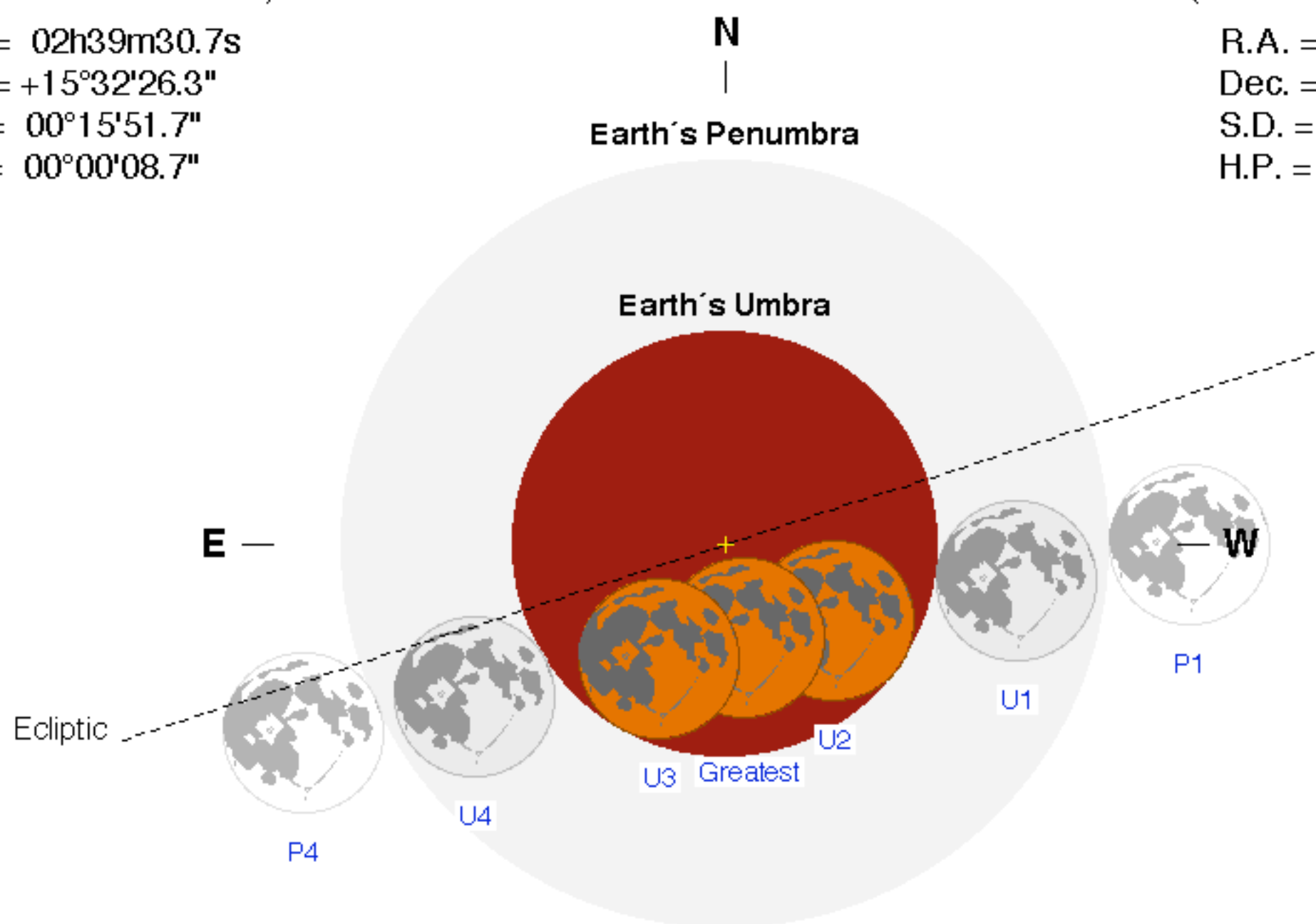
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h39m15.0s

Dec. = -15°50'11.0"

S.D. = 00°14'55.8"

H.P. = 00°54'47.6"



## Eclipse Durations

Penumbral = 06h00m04s

Umbral = 03h39m39s

Total = 01h11m31s

$\Delta T = 21$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 22:50:47 UT

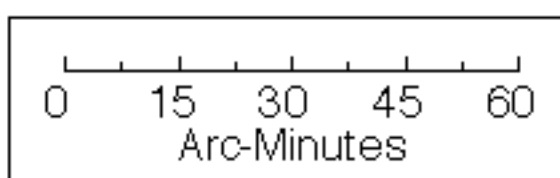
U1 = 00:00:56 UT

U2 = 01:15:01 UT

U3 = 02:26:32 UT

U4 = 03:40:36 UT

P4 = 04:50:51 UT



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eclipse.gsfc.nasa.gov/eclipse.html

