

Total Lunar Eclipse of 2029 Jun 26

Ecliptic Conjunction = 03:23:30.2 TD (= 03:22:13.0 UT)

Greatest Eclipse = 03:23:22.5 TD (= 03:22:05.3 UT)

Penumbral Magnitude = 2.8266

P. Radius = 1.2535°

Gamma = 0.0124

Umbral Magnitude = 1.8436

U. Radius = 0.7290°

Axis = 0.0121°

Saros Series = 130

Member = 35 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h21m03.1s

Dec. = +23°20'50.2"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

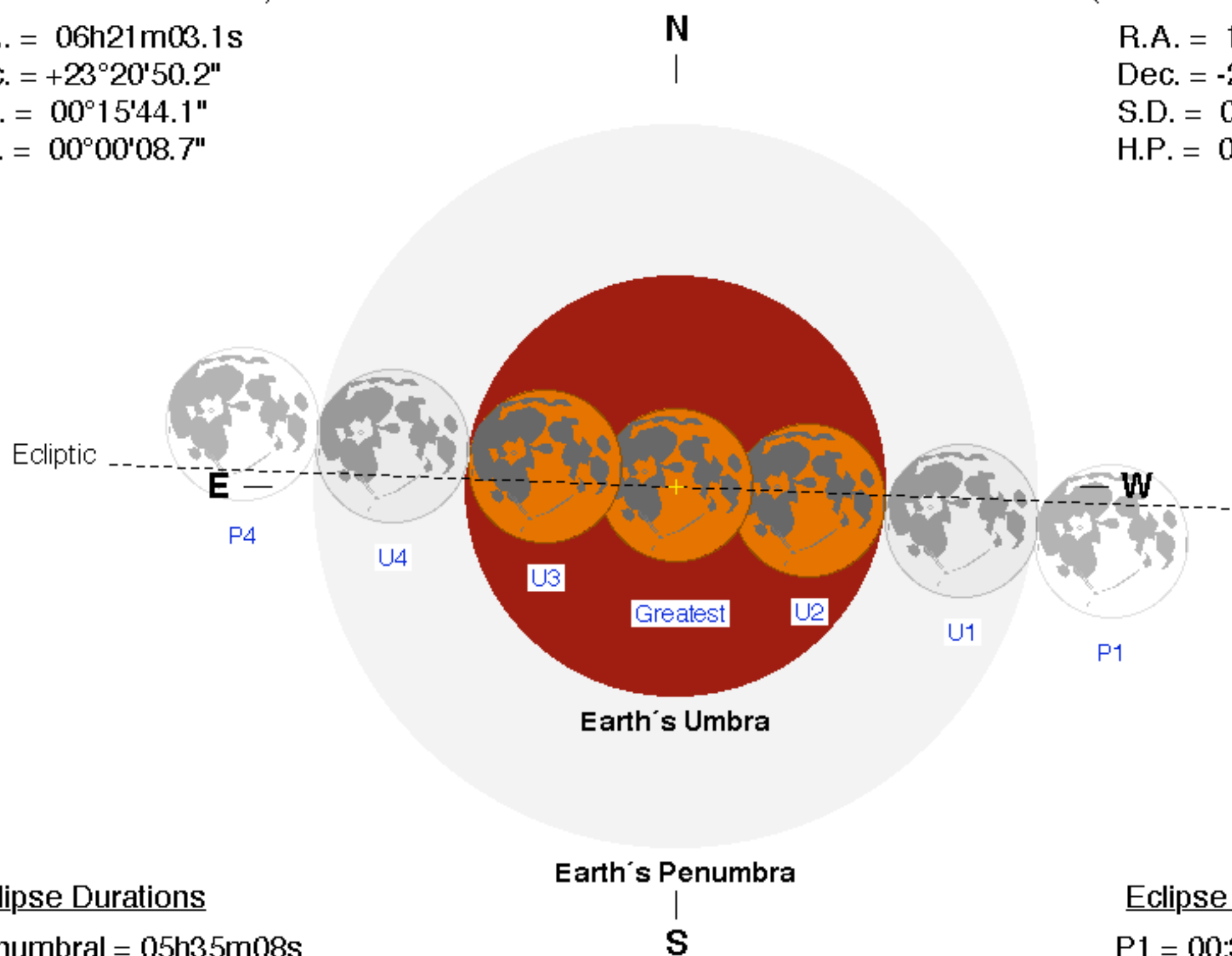
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h21m02.6s

Dec. = -23°20'06.9"

S.D. = 00°16'00.4"

H.P. = 00°58'44.6"



Eclipse Durations

Penumbral = 05h35m08s

Umbral = 03h39m32s

Total = 01h41m53s

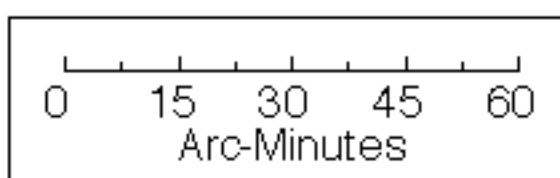
$\Delta T = 77$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Earth's Penumbra

S



F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

Eclipse Contacts

P1 = 00:34:34 UT

U1 = 01:32:18 UT

U2 = 02:31:08 UT

U3 = 04:13:01 UT

U4 = 05:11:50 UT

P4 = 06:09:42 UT

