

Partial Lunar Eclipse of 1918 Jun 24

Ecliptic Conjunction = 10:38:15.8 TD (= 10:37:55.3 UT)

Greatest Eclipse = 10:28:03.2 TD (= 10:27:42.8 UT)

Penumbral Magnitude = 1.1376

P. Radius = 1.2292°

Gamma = 0.9397

Umbral Magnitude = 0.1297

U. Radius = 0.7047°

Axis = 0.8974°

Saros Series = 138

Member = 24 of 83

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h09m05.3s

Dec. = +23°25'58.5"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

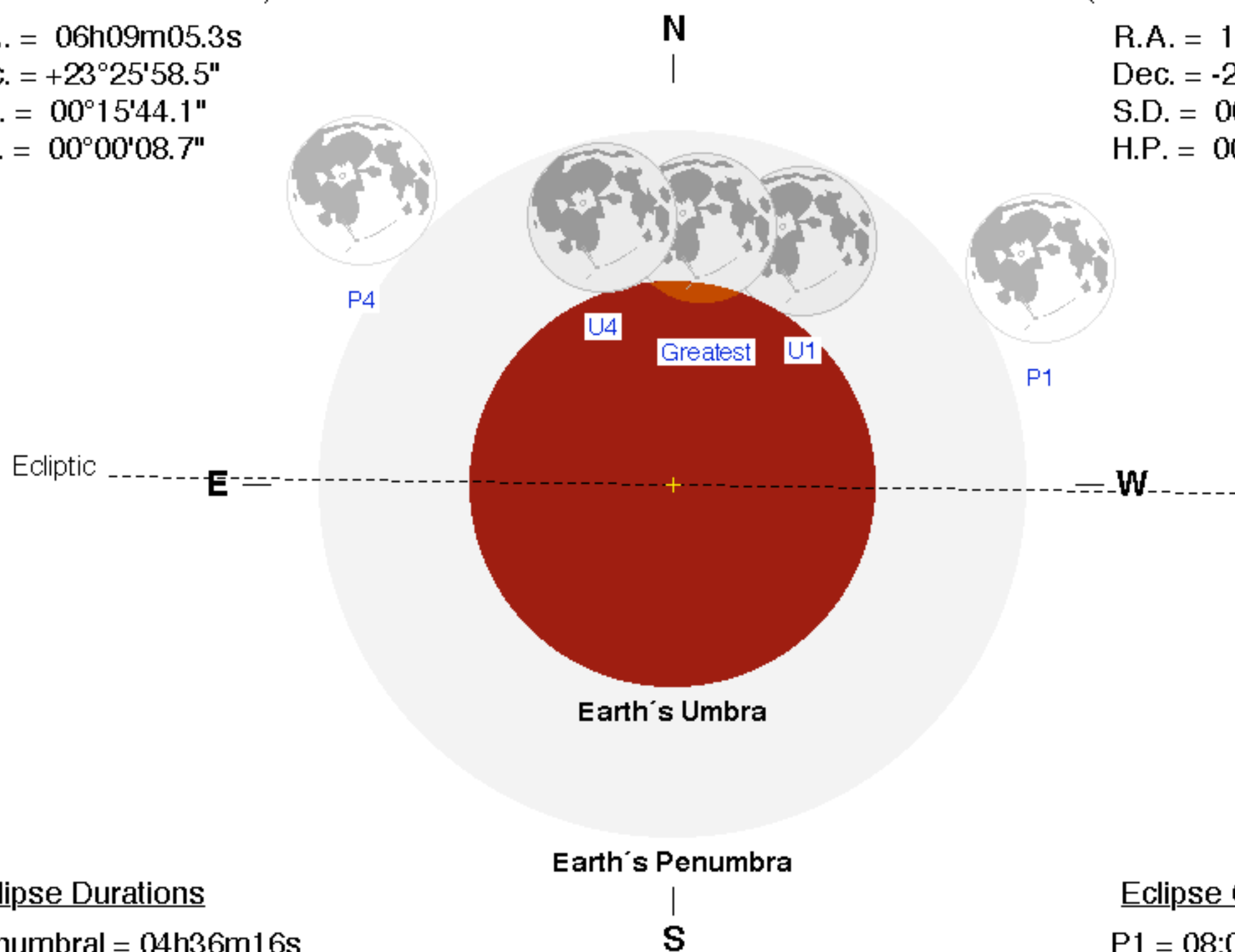
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h08m39.0s

Dec. = -22°32'28.3"

S.D. = 00°15'36.8"

H.P. = 00°57'18.1"



Eclipse Durations

Penumbral = 04h36m16s

Umbral = 01h22m25s

Eclipse Contacts

P1 = 08:09:37 UT

U1 = 09:46:36 UT

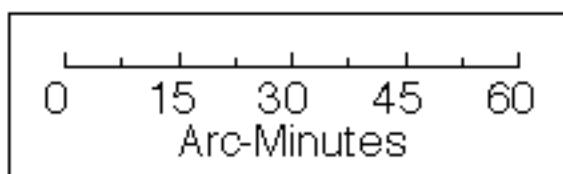
U4 = 11:09:01 UT

P4 = 12:45:53 UT

$\Delta T = 20$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

