

Penumbral Lunar Eclipse of 2020 Jun 05

Ecliptic Conjunction = 19:13:32.7 TD (= 19:12:20.9 UT)

Greatest Eclipse = 19:26:13.8 TD (= 19:25:02.0 UT)

Penumbral Magnitude = 0.5683

P. Radius = 1.2653°

Gamma = 1.2406

Umbral Magnitude = -0.4053

U. Radius = 0.7399°

Axis = 1.2285°

Saros Series = 111

Member = 67 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h57m21.6s

Dec. = +22°39'21.3"

S.D. = 00°15'45.7"

H.P. = 00°00'08.7"

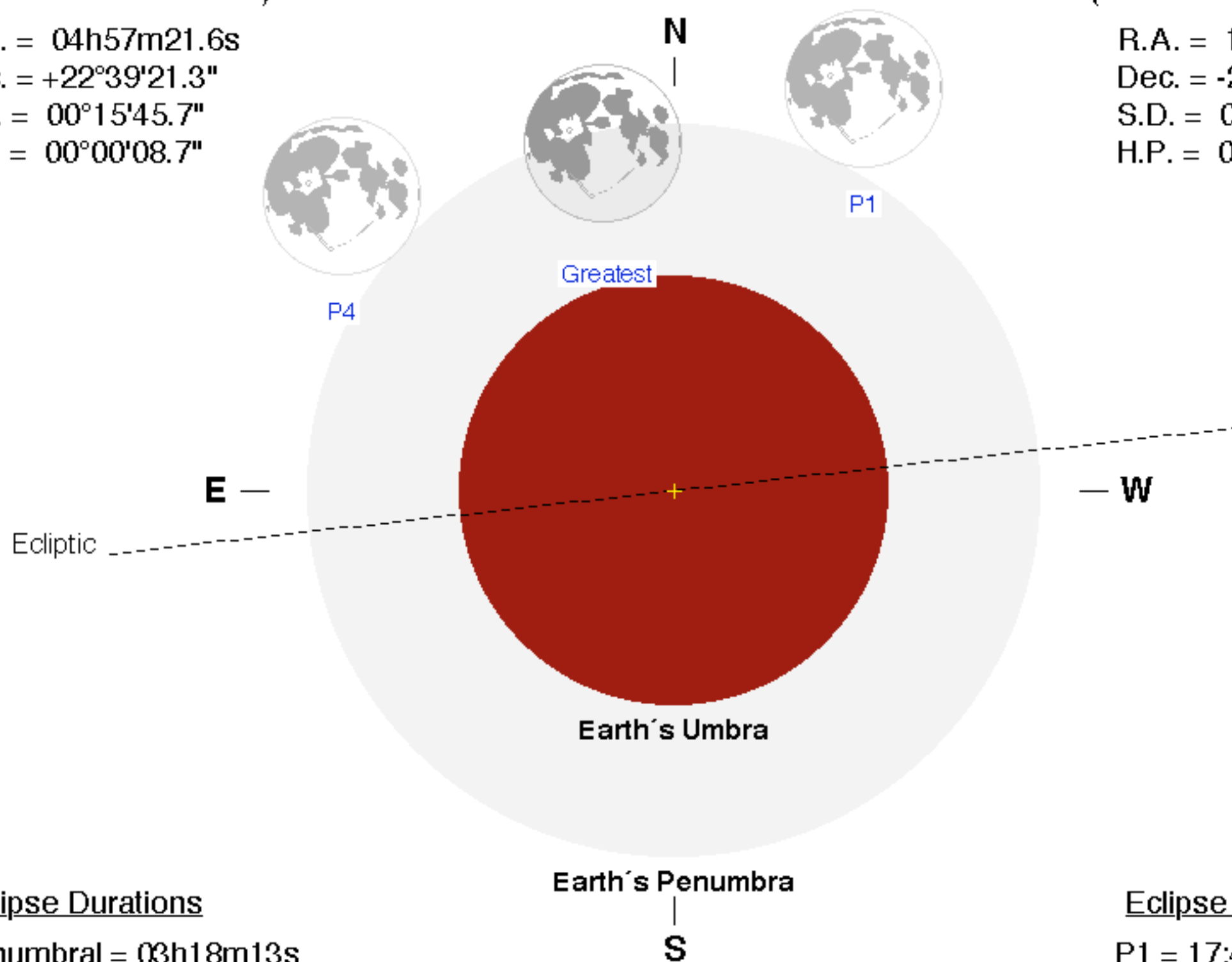
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h58m25.5s

Dec. = -21°27'08.8"

S.D. = 00°16'11.4"

H.P. = 00°59'25.1"



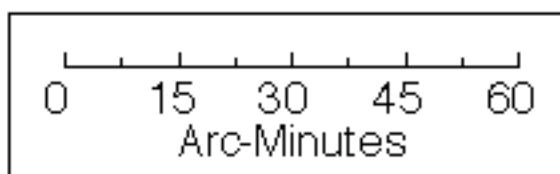
Eclipse Durations

Penumbral = 03h18m13s

Eclipse Contacts

P1 = 17:45:50 UT

P4 = 21:04:03 UT



$\Delta T = 72$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

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

