

Penumbral Lunar Eclipse of 1944 Jul 06

Ecliptic Conjunction = 04:27:06.0 TD (= 04:26:39.4 UT)

Greatest Eclipse = 04:40:00.9 TD (= 04:39:34.3 UT)

Penumbral Magnitude = 0.5328

P. Radius = 1.2639°

Gamma = 1.2596

Umbral Magnitude = -0.4398

U. Radius = 0.7395°

Axis = 1.2462°

Saros Series = 109

Member = 69 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h00m41.1s

Dec. = +22°42'44.2"

S.D. = 00°15'43.9"

H.P. = 00°00'08.6"

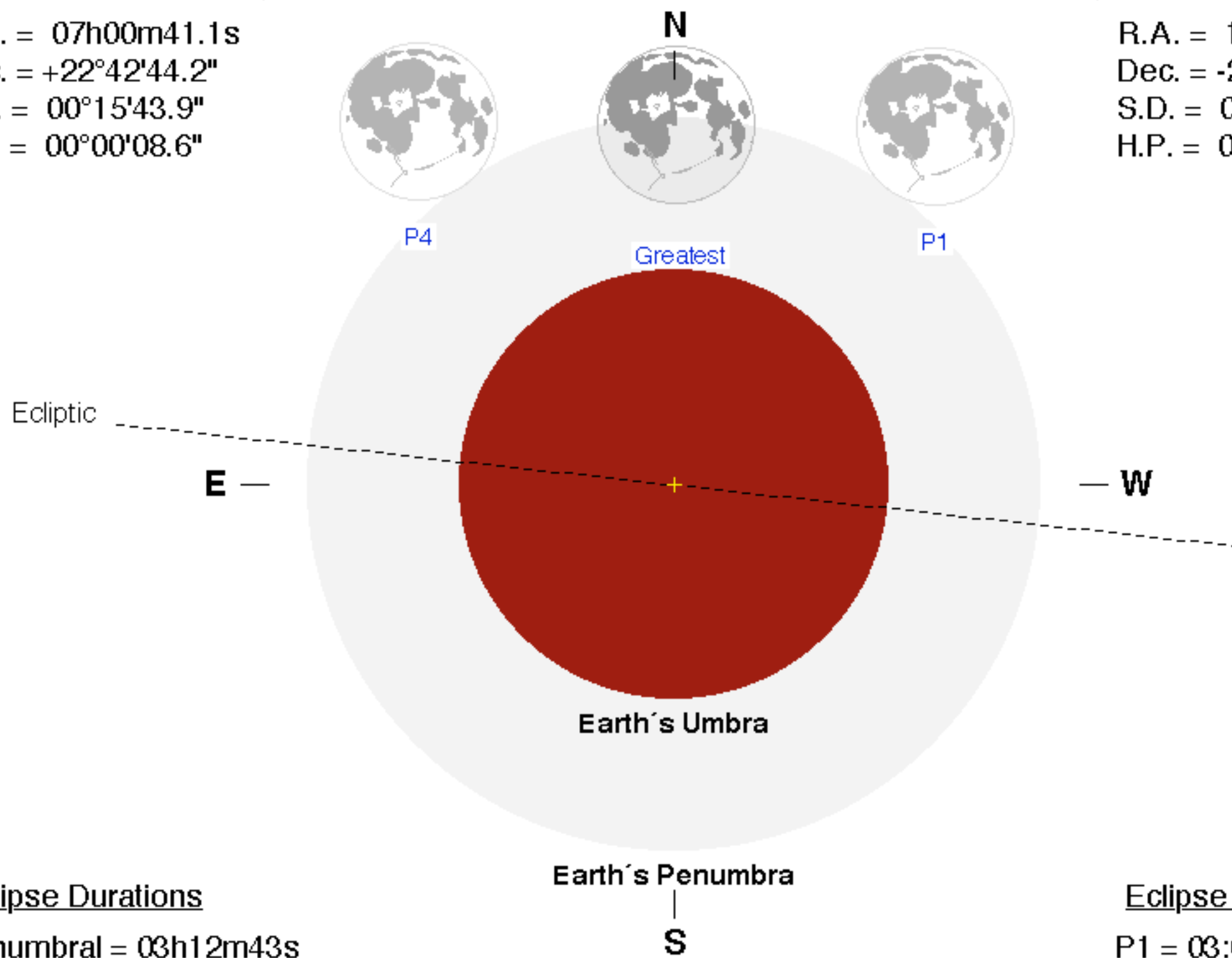
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h00m38.4s

Dec. = -21°27'57.6"

S.D. = 00°16'10.5"

H.P. = 00°59'21.8"



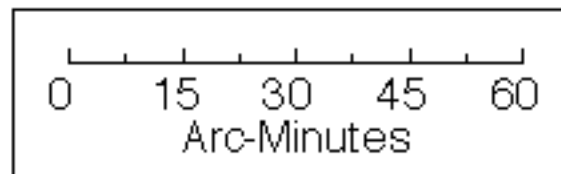
Eclipse Durations

Penumbral = 03h12m43s

Eclipse Contacts

P1 = 03:03:18 UT

P4 = 06:16:01 UT



$\Delta T = 27$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

