

Penumbral Lunar Eclipse of 1944 Dec 29

Ecliptic Conjunction = 14:38:31.5 TD (= 14:38:04.7 UT)

Greatest Eclipse = 14:49:34.6 TD (= 14:49:07.7 UT)

Penumbral Magnitude = 1.0220

P. Radius = 1.2402°

Gamma = -1.0114

Umbral Magnitude = -0.0176

U. Radius = 0.6980°

Axis = 0.9680°

Saros Series = 114 Member = 55 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h33m56.1s

Dec. = -23°12'58.6"

S.D. = 00°16'15.9"

H.P. = 00°00'08.9"

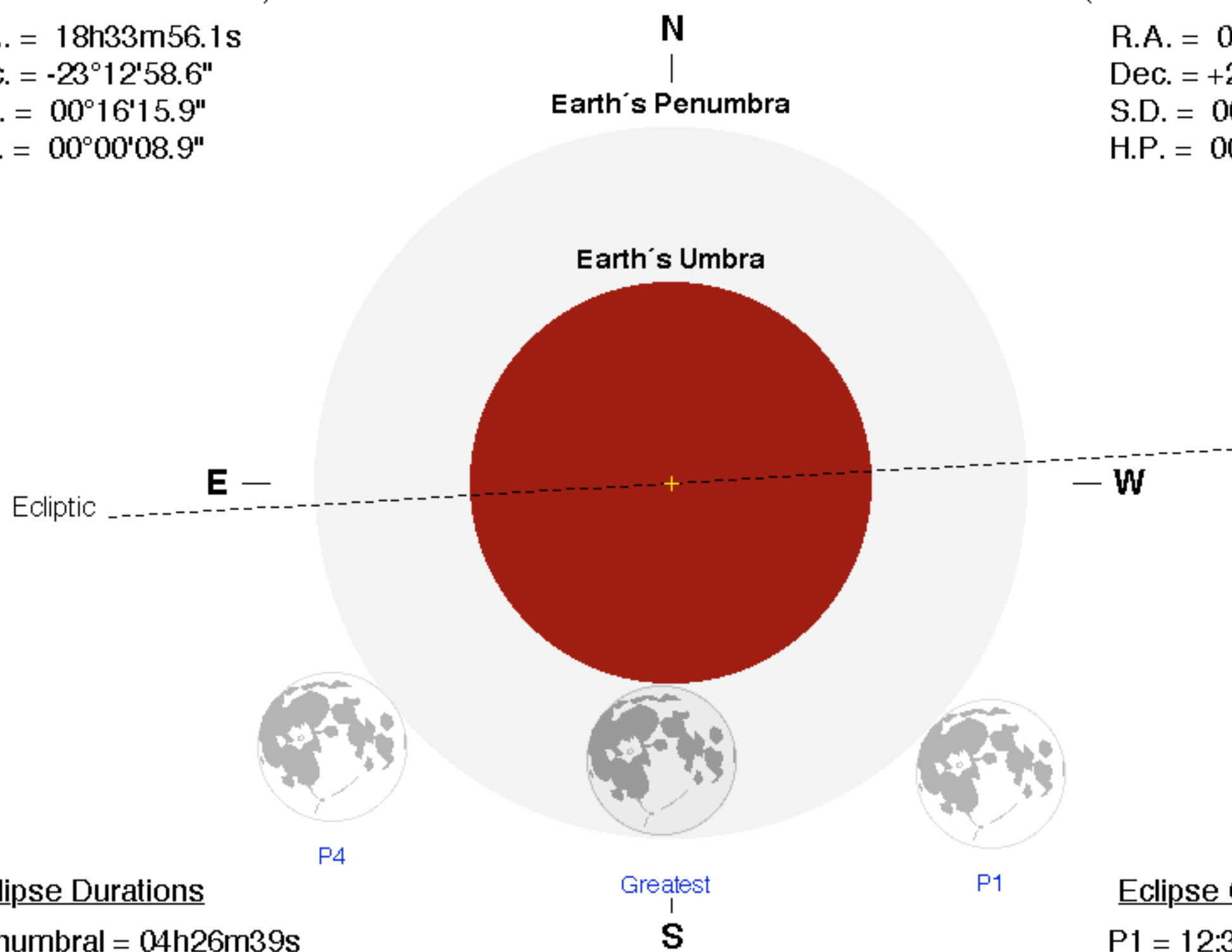
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h34m05.9s

Dec. = +22°14'56.3"

S.D. = 00°15'38.8"

H.P. = 00°57'25.5"



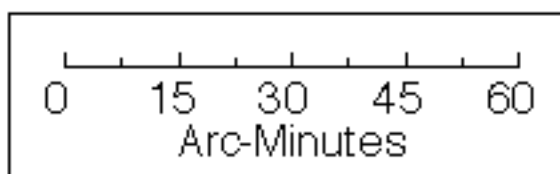
Eclipse Durations

Penumbral = 04h26m39s

Eclipse Contacts

P1 = 12:35:46 UT

P4 = 17:02:25 UT



$\Delta T = 27$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

