

# Penumbral Lunar Eclipse of 1958 Apr 04

Ecliptic Conjunction = 03:45:17.6 TD (= 03:44:45.3 UT)

Greatest Eclipse = 04:00:15.1 TD (= 03:59:42.8 UT)

Penumbral Magnitude = 0.0135

P. Radius = 1.3027°

Gamma = -1.5380

Umbral Magnitude = -0.9422

U. Radius = 0.7696°

Axis = 1.5740°

Saros Series = 102      Member = 84 of 84

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h51m06.5s

Dec. = +05°28'40.1"

S.D. = 00°15'59.5"

H.P. = 00°00'08.8"

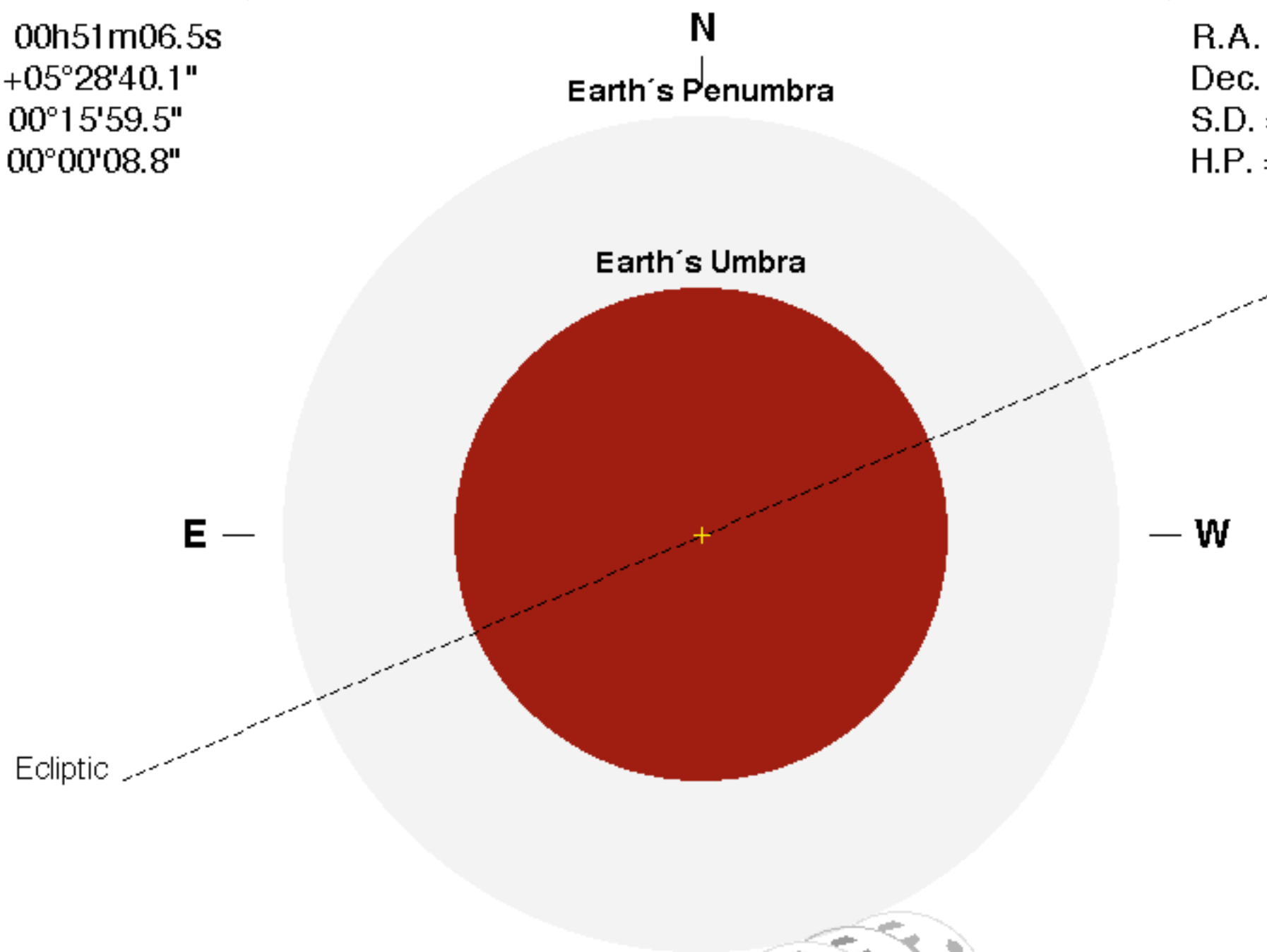
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h49m12.5s

Dec. = -06°58'45.9"

S.D. = 00°16'43.9"

H.P. = 01°01'24.5"



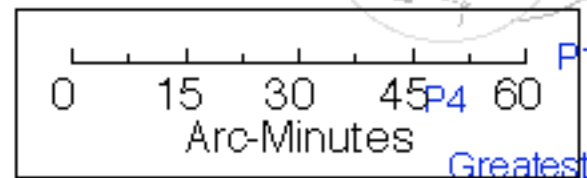
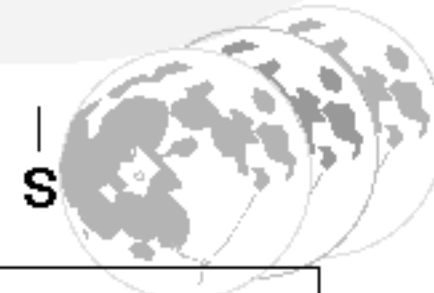
## Eclipse Durations

Penumbral = 00h31m02s

## Eclipse Contacts

P1 = 03:44:10 UT

P4 = 04:15:12 UT



$\Delta T = 32$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

