

# Partial Lunar Eclipse of 1930 Oct 07

Ecliptic Conjunction = 18:55:53.2 TD (= 18:55:29.1 UT)

Greatest Eclipse = 19:07:09.8 TD (= 19:06:45.7 UT)

Penumbral Magnitude = 1.0906

P. Radius = 1.1975°

Gamma = -0.9811

Umbral Magnitude = 0.0252

U. Radius = 0.6639°

Axis = 0.9017°

Saros Series = 116 Member = 53 of 73

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h50m44.6s

Dec. = -05°26'30.5"

S.D. = 00°16'00.5"

H.P. = 00°00'08.8"

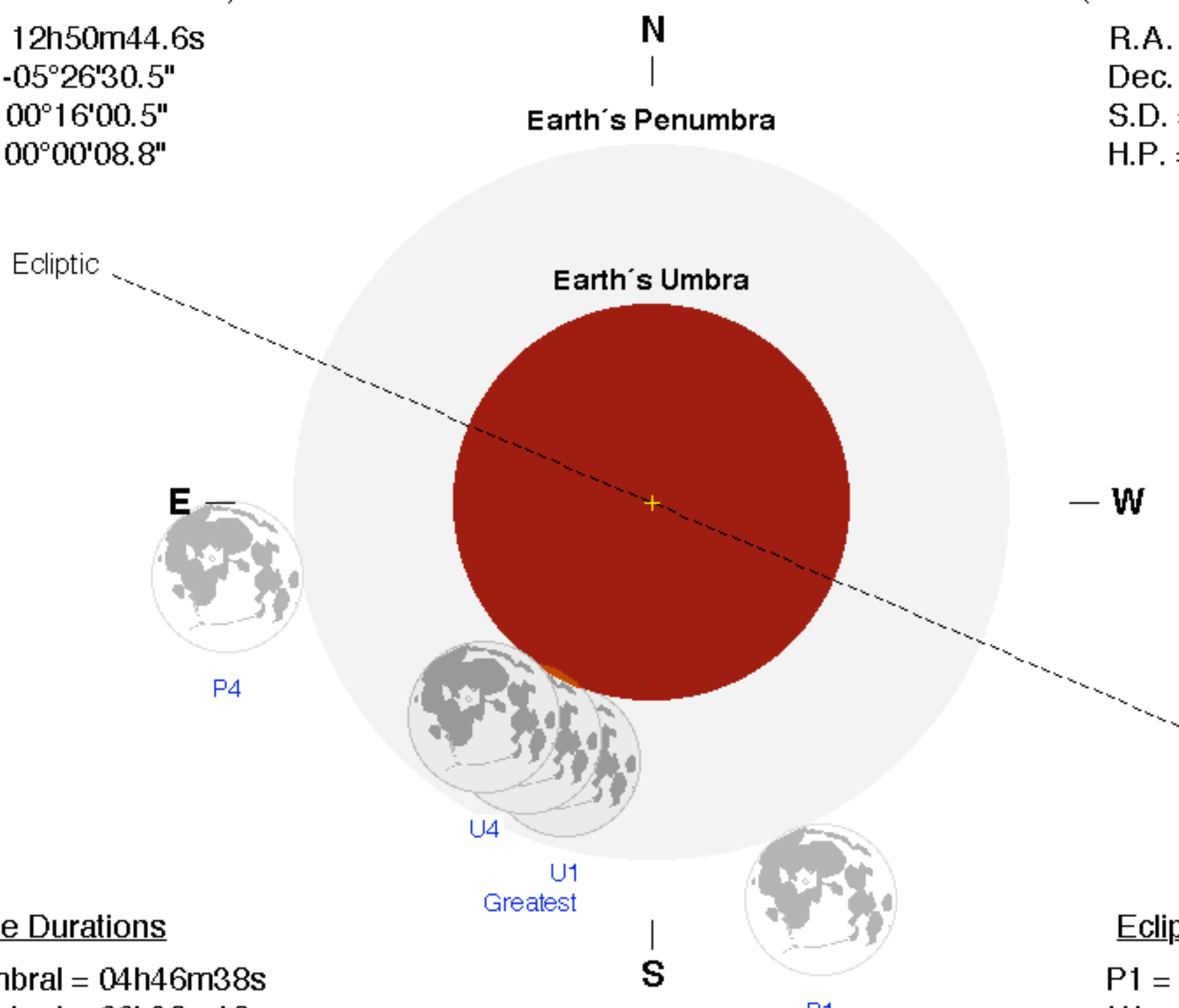
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h52m28.1s

Dec. = +04°38'56.9"

S.D. = 00°15'01.5"

H.P. = 00°55'08.6"



## Eclipse Durations

Penumbral = 04h46m38s

Umbral = 00h38m18s

## Eclipse Contacts

P1 = 16:43:27 UT

U1 = 18:47:42 UT

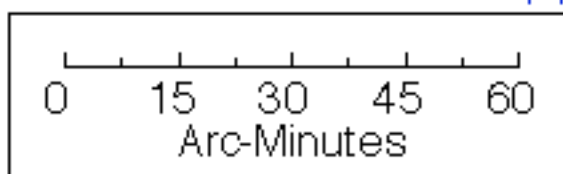
U4 = 19:26:00 UT

P4 = 21:30:05 UT

$\Delta T = 24$  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)

