

# Partial Lunar Eclipse of 1907 Jan 29

Ecliptic Conjunction = 13:45:03.5 TD (= 13:44:57.1 UT)

Greatest Eclipse = 13:37:59.5 TD (= 13:37:53.1 UT)

Penumbral Magnitude = 1.7936

P. Radius = 1.1997°

Gamma = 0.6027

Umbral Magnitude = 0.7110

U. Radius = 0.6585°

Axis = 0.5529°

Saros Series = 132      Member = 24 of 71

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h43m46.8s

Dec. = -18°08'27.9"

S.D. = 00°16'14.2"

H.P. = 00°00'08.9"

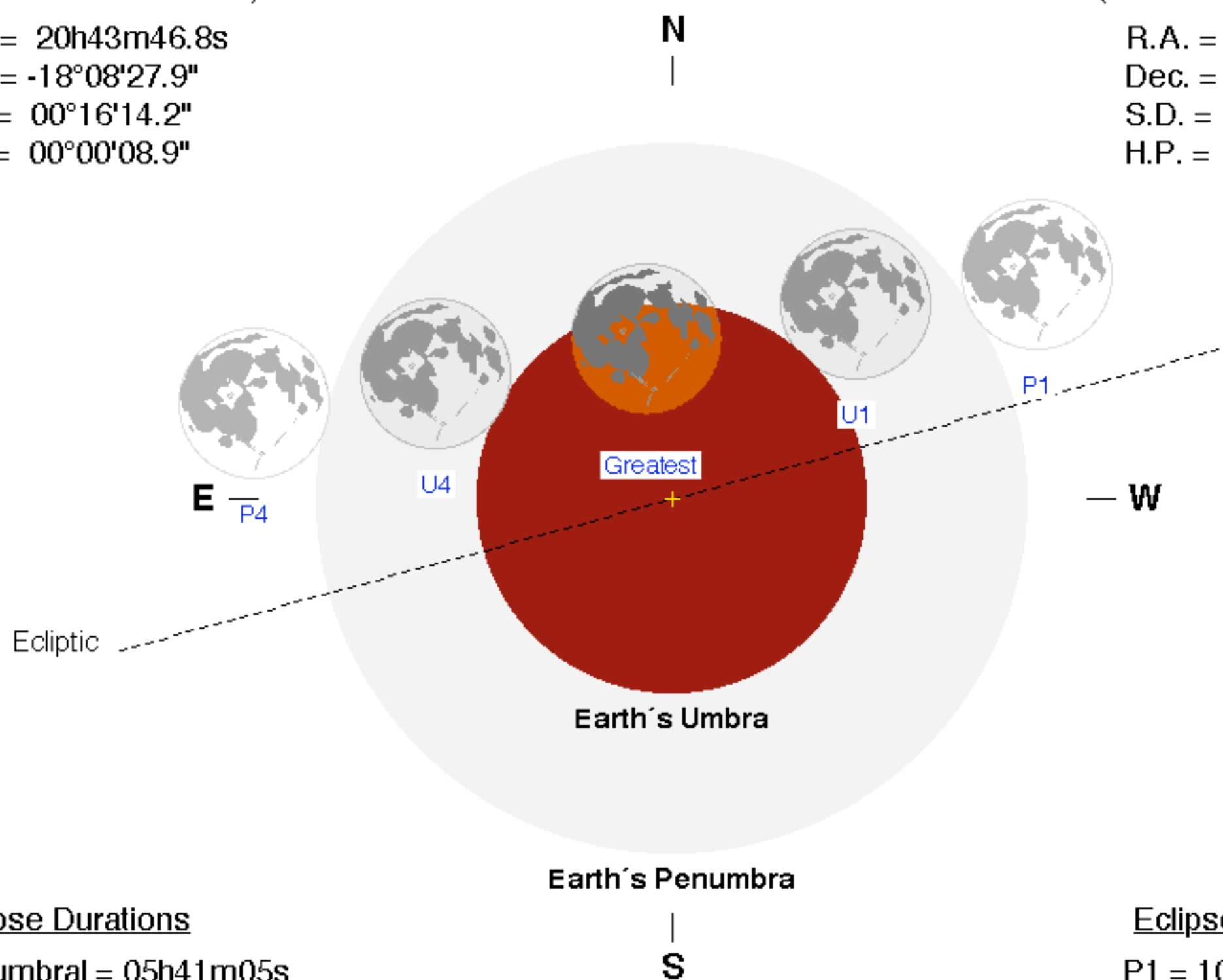
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h44m09.7s

Dec. = +18°41'11.8"

S.D. = 00°14'59.9"

H.P. = 00°55'02.7"



## Eclipse Durations

Penumbral = 05h41m05s

Umbral = 03h03m29s

$\Delta T = 6$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

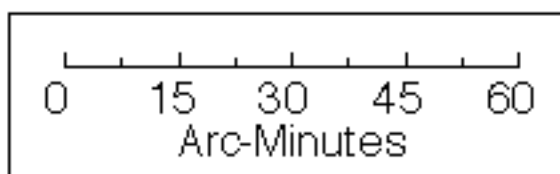
## Eclipse Contacts

P1 = 10:47:19 UT

U1 = 12:06:11 UT

U4 = 15:09:40 UT

P4 = 16:28:24 UT



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

