

# Total Lunar Eclipse of 1928 Nov 27

Ecliptic Conjunction = 09:05:49.0 TD (= 09:05:24.8 UT)

Greatest Eclipse = 09:01:46.7 TD (= 09:01:22.6 UT)

Penumbral Magnitude = 2.1166

P. Radius = 1.3075°

Gamma = 0.3952

Umbral Magnitude = 1.1486

U. Radius = 0.7670°

Axis = 0.4049°

Saros Series = 134

Member = 22 of 73

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h11m45.5s

Dec. = -21°07'14.3"

S.D. = 00°16'12.8"

H.P. = 00°00'08.9"

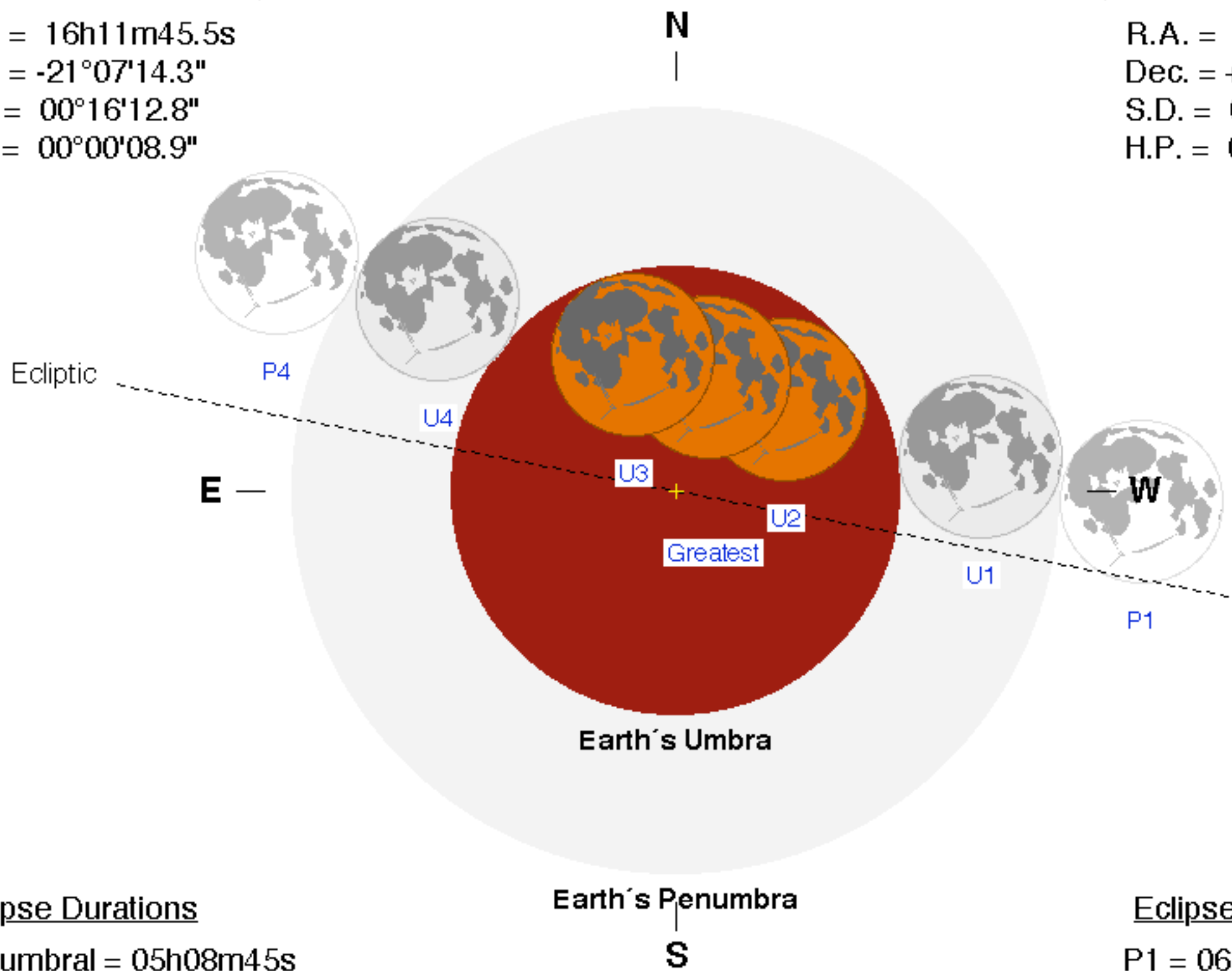
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h11m16.6s

Dec. = +21°30'34.7"

S.D. = 00°16'45.0"

H.P. = 01°01'28.3"



## Eclipse Durations

Penumbral = 05h08m45s

Umbral = 03h14m10s

Total = 00h54m47s

$\Delta T = 24$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

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P1 = 06:27:00 UT

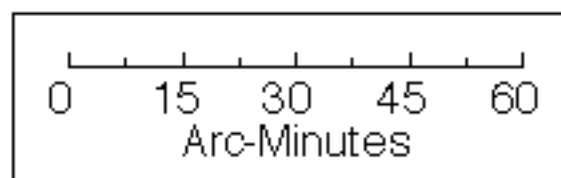
U1 = 07:24:18 UT

U2 = 08:33:59 UT

U3 = 09:28:46 UT

U4 = 10:38:28 UT

P4 = 11:35:45 UT



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

