

# Total Lunar Eclipse of 1906 Feb 09

Ecliptic Conjunction = 07:45:38.8 TD (= 07:45:33.6 UT)

Greatest Eclipse = 07:46:57.6 TD (= 07:46:52.4 UT)

Penumbral Magnitude = 2.6507

P. Radius = 1.2493°

Gamma = -0.1199

Umbral Magnitude = 1.6254

U. Radius = 0.7090°

Axis = 0.1160°

Saros Series = 122

Member = 50 of 75

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h28m21.1s

Dec. = -14°55'26.1"

S.D. = 00°16'12.5"

H.P. = 00°00'08.9"

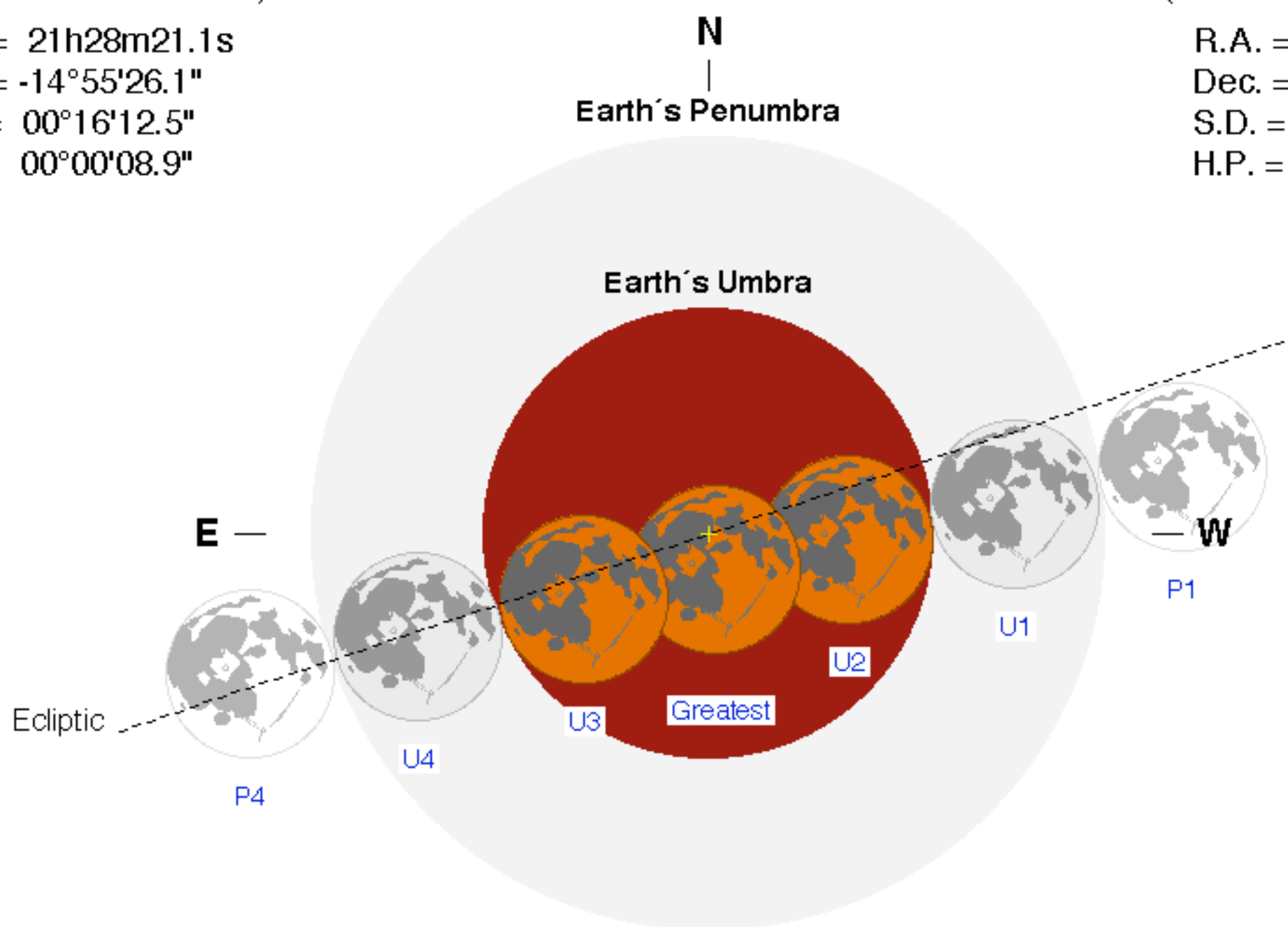
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h28m14.8s

Dec. = +14°48'38.7"

S.D. = 00°15'48.5"

H.P. = 00°58'01.2"



## Eclipse Durations

Penumbral = 05h42m45s

Umbral = 03h39m26s

Total = 01h37m46s

$\Delta T = 5 \text{ s}$

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 04:55:27 UT

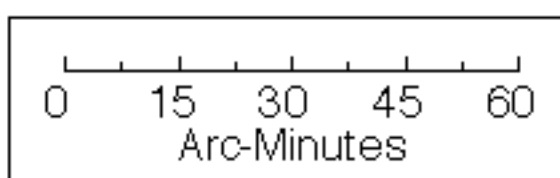
U1 = 05:57:10 UT

U2 = 06:58:00 UT

U3 = 08:35:46 UT

U4 = 09:36:37 UT

P4 = 10:38:12 UT



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eclipse.gsfc.nasa.gov/eclipse.html

