

Total Lunar Eclipse of 1920 Oct 27

Ecliptic Conjunction = 14:08:57.2 TD (= 14:08:35.3 UT)

Greatest Eclipse = 14:11:38.0 TD (= 14:11:16.2 UT)

Penumbral Magnitude = 2.3992

P. Radius = 1.2650°

Gamma = 0.2502

Umbral Magnitude = 1.3987

U. Radius = 0.7283°

Axis = 0.2462°

Saros Series = 125

Member = 43 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h06m28.2s

Dec. = -12°48'36.2"

S.D. = 00°16'06.0"

H.P. = 00°00'08.9"

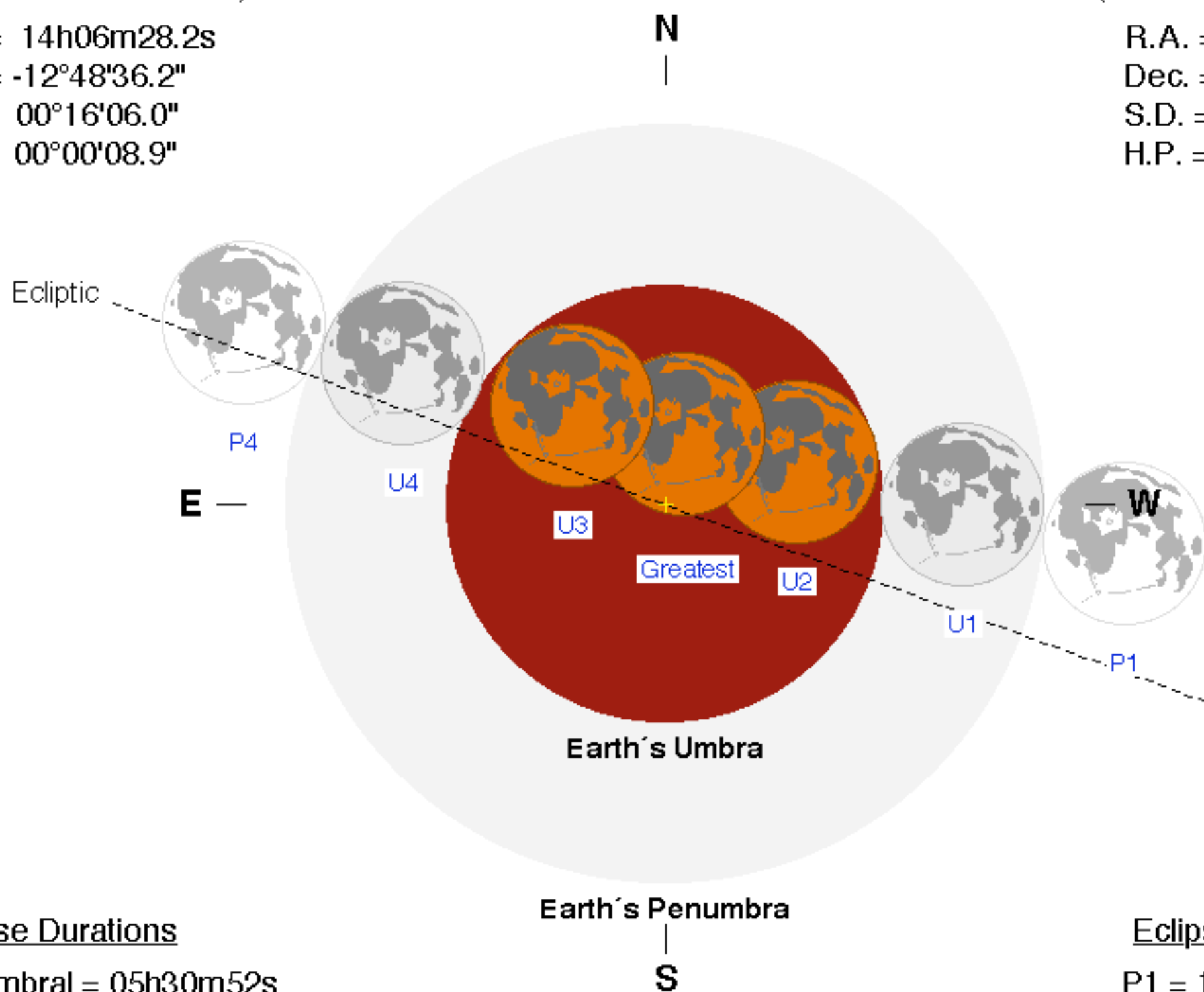
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h06m13.4s

Dec. = +13°02'55.8"

S.D. = 00°16'05.6"

H.P. = 00°59'03.6"



Eclipse Durations

Penumbral = 05h30m52s

Umbral = 03h31m09s

Total = 01h25m00s

$\Delta T = 22$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 11:25:48 UT

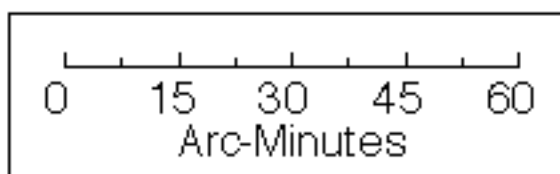
U1 = 12:25:43 UT

U2 = 13:28:47 UT

U3 = 14:53:47 UT

U4 = 15:56:52 UT

P4 = 16:56:40 UT



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eclipse.gsfc.nasa.gov/eclipse.html

