

Partial Lunar Eclipse of -0128 Nov 05

Ecliptic Conjunction = 04:20:17.6 TD (= 01:02:13.9 UT)

Greatest Eclipse = 04:27:48.1 TD (= 01:09:44.4 UT)

Penumbral Magnitude = 1.6843

P. Radius = 1.2169°

Gamma = 0.6572

Umbral Magnitude = 0.6203

U. Radius = 0.6752°

Axis = 0.6140°

Saros Series = 53 Member = 49 of 72

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 14h31m43.9s

Dec. = -15°06'28.7"

S.D. = 00°16'15.1"

H.P. = 00°00'08.9"

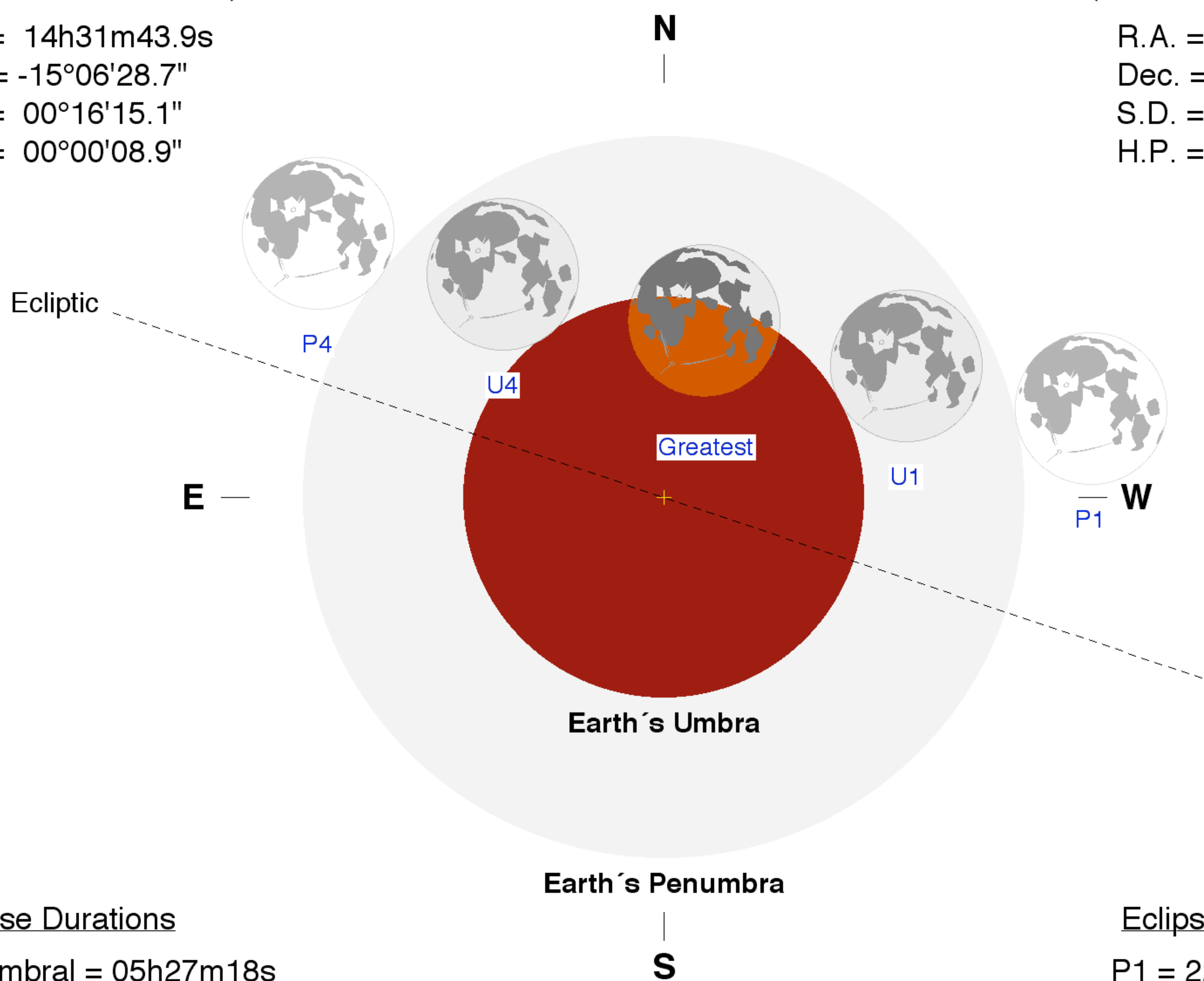
Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 02h31m10.1s

Dec. = +15°42'24.1"

S.D. = 00°15'16.4"

H.P. = 00°56'03.3"



Eclipse Durations

Penumbral = 05h27m18s

Umbral = 02h50m54s

Eclipse Contacts

P1 = 22:26:07 UT

U1 = 23:44:14 UT

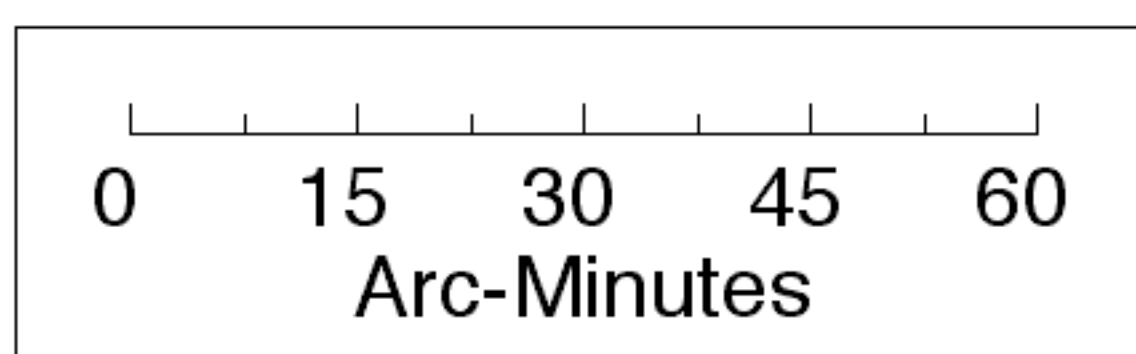
U4 = 02:35:08 UT

P4 = 03:53:25 UT

$\Delta T = 11884$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

