

Partial Lunar Eclipse of 1937 Nov 18

Ecliptic Conjunction = 08:09:54.4 TD (= 08:09:30.5 UT)

Greatest Eclipse = 08:19:25.6 TD (= 08:19:01.7 UT)

Penumbral Magnitude = 1.1141

P. Radius = 1.3032°

Gamma = 0.9421

Umbral Magnitude = 0.1443

U. Radius = 0.7637°

Axis = 0.9616°

Saros Series = 115 Member = 53 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 15h32m59.8s

Dec. = -19°09'44.0"

S.D. = 00°16'11.0"

H.P. = 00°00'08.9"

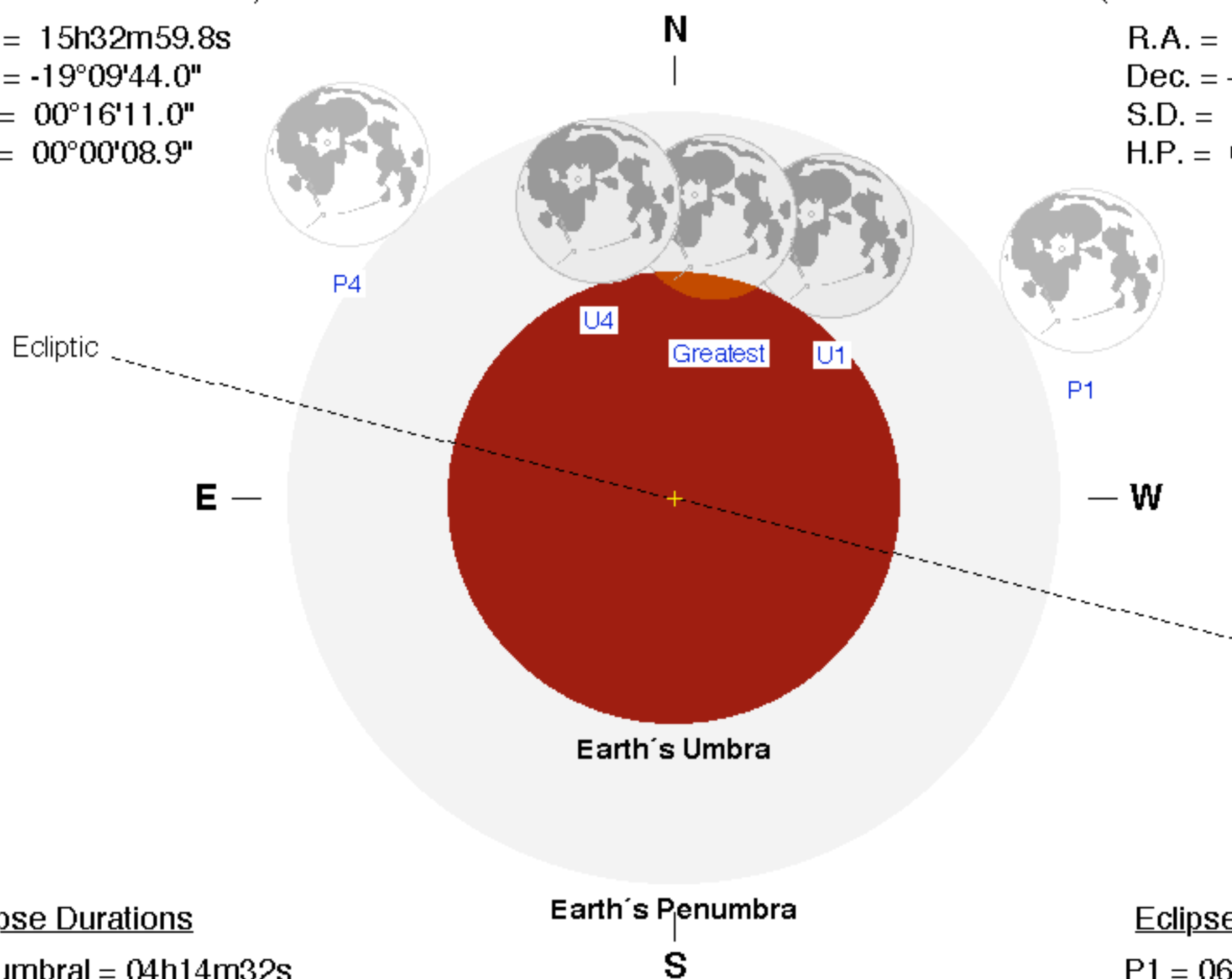
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 03h32m24.7s

Dec. = +20°06'50.4"

S.D. = 00°16'41.3"

H.P. = 01°01'14.9"



Eclipse Durations

Penumbral = 04h14m32s

Umbral = 01h21m19s

Eclipse Contacts

P1 = 06:11:47 UT

U1 = 07:38:24 UT

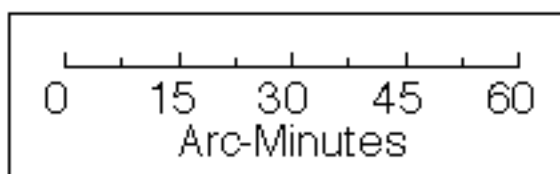
U4 = 08:59:43 UT

P4 = 10:26:19 UT

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

