

Partial Lunar Eclipse of 1994 May 25

Ecliptic Conjunction = 03:40:21.9 TD (= 03:39:21.6 UT)

Greatest Eclipse = 03:31:20.0 TD (= 03:30:19.8 UT)

Penumbral Magnitude = 1.1941

P. Radius = 1.2916°

Gamma = 0.8933

Umbral Magnitude = 0.2432

U. Radius = 0.7652°

Axis = 0.9074°

Saros Series = 140

Member = 24 of 80

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h06m48.5s

Dec. = +20°53'35.0"

S.D. = 00°15'47.5"

H.P. = 00°00'08.7"

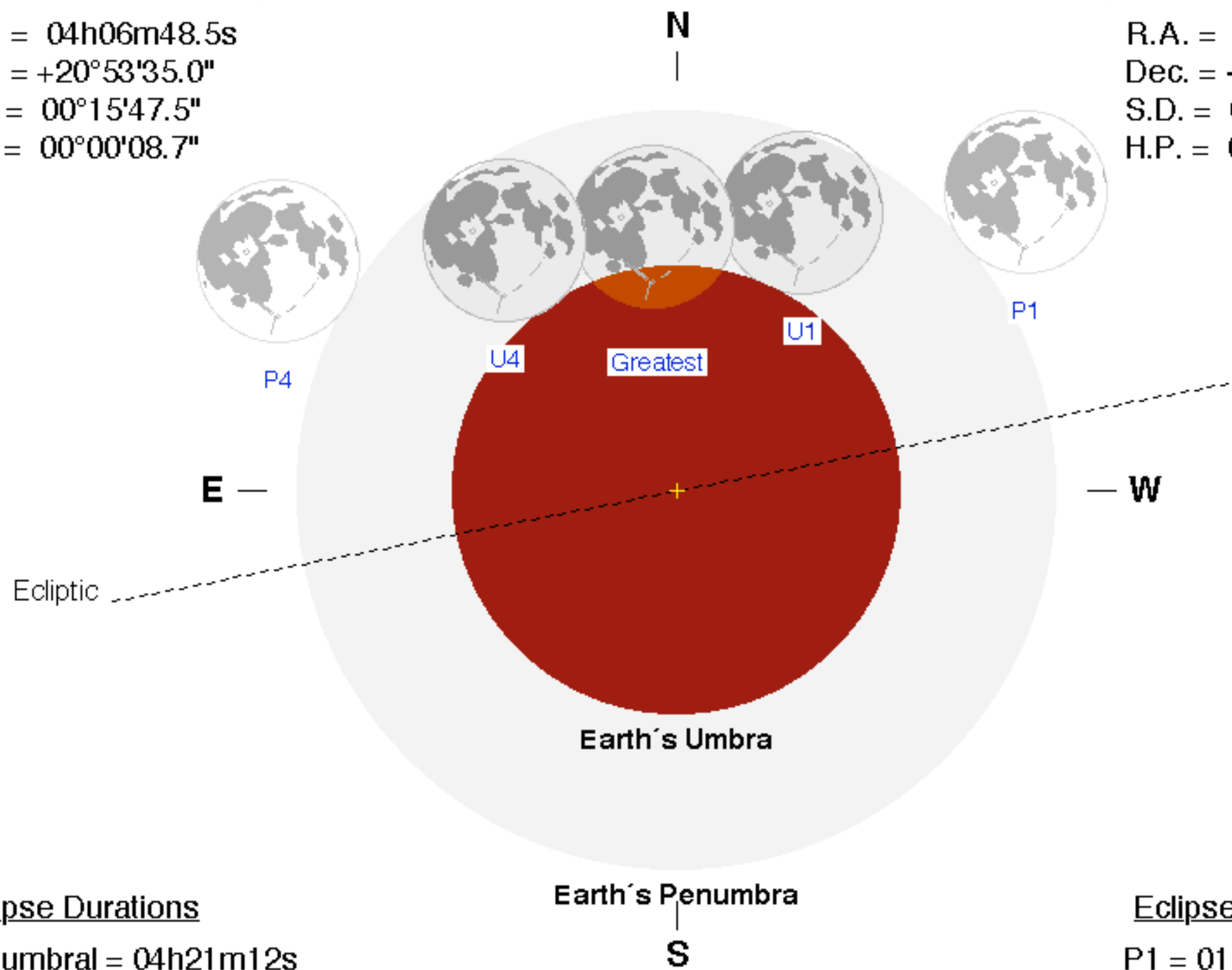
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h07m09.9s

Dec. = -19°59'22.3"

S.D. = 00°16'36.4"

H.P. = 01°00'56.9"



Eclipse Durations

Penumbral = 04h21m12s

Umbral = 01h44m36s

Eclipse Contacts

P1 = 01:19:43 UT

U1 = 02:37:59 UT

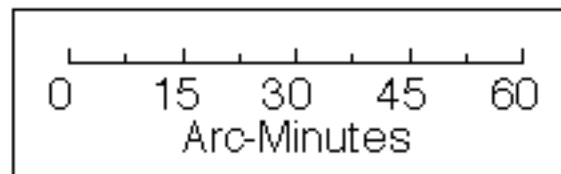
U4 = 04:22:36 UT

P4 = 05:40:55 UT

$\Delta T = 60$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

