

Partial Lunar Eclipse of 1983 Jun 25

Ecliptic Conjunction = 08:32:39.2 TD (= 08:31:45.9 UT)

Greatest Eclipse = 08:23:11.0 TD (= 08:22:17.6 UT)

Penumbral Magnitude = 1.3901

P. Radius = 1.1857°

Gamma = -0.8151

Umbral Magnitude = 0.3348

U. Radius = 0.6613°

Axis = 0.7434°

Saros Series = 139

Member = 20 of 81

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h14m04.1s

Dec. = +23°24'07.7"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

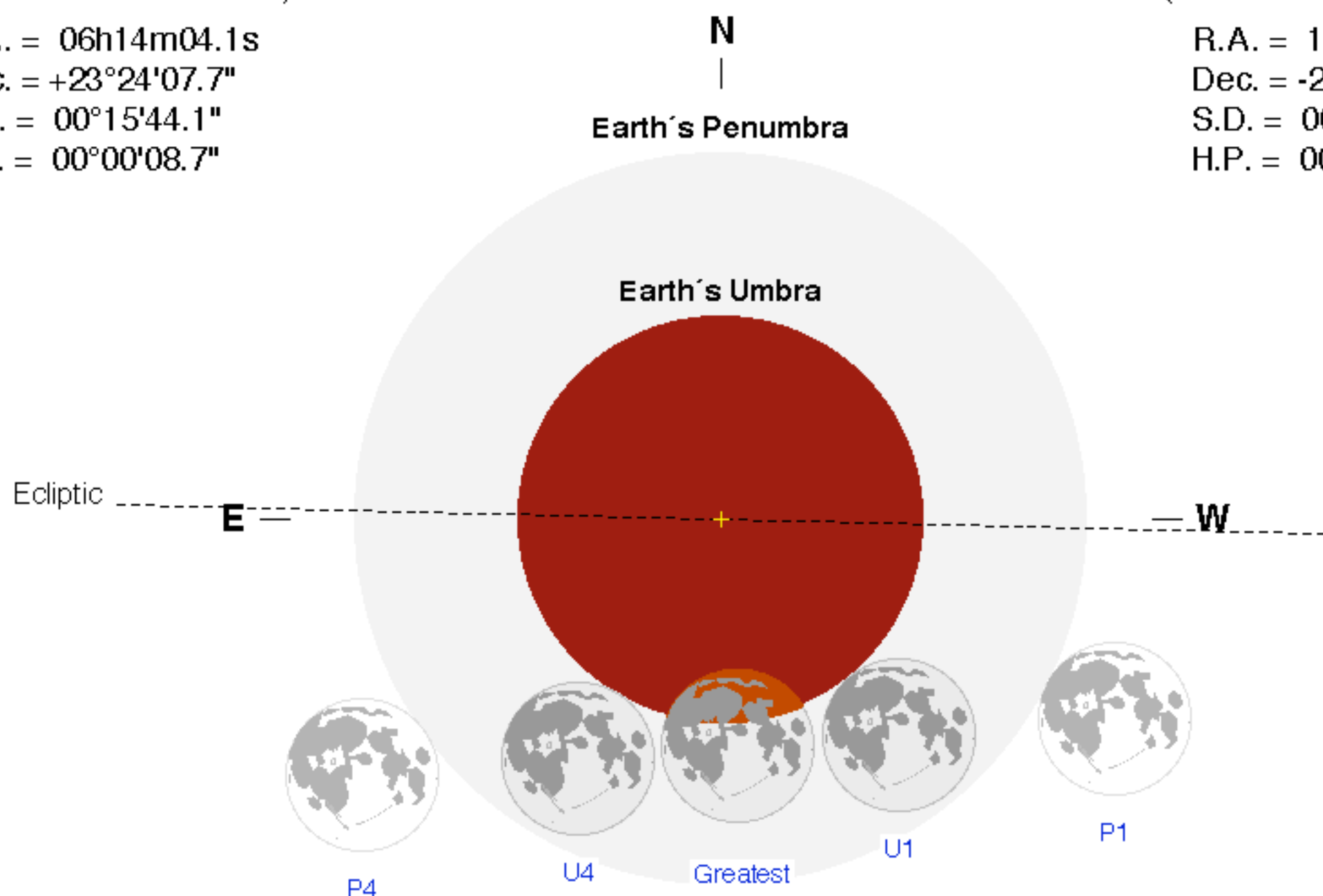
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h13m49.6s

Dec. = -24°08'36.4"

S.D. = 00°14'54.6"

H.P. = 00°54'43.1"



Eclipse Durations

Penumbral = 05h14m43s

Umbral = 02h14m35s

$\Delta T = 53$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

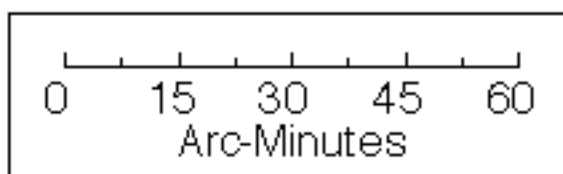
Eclipse Contacts

P1 = 05:44:56 UT

U1 = 07:14:57 UT

U4 = 09:29:32 UT

P4 = 10:59:39 UT



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

