

# Partial Lunar Eclipse of 2030 Jun 15

Ecliptic Conjunction = 18:42:10.5 TD (= 18:40:52.7 UT)

Greatest Eclipse = 18:34:33.5 TD (= 18:33:15.7 UT)

Penumbral Magnitude = 1.4480

P. Radius = 1.2937°

Gamma = 0.7534

Umbral Magnitude = 0.5025

U. Radius = 0.7688°

Axis = 0.7674°

Saros Series = 140      Member = 26 of 80

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h36m57.6s

Dec. = +23°19'44.1"

S.D. = 00°15'44.7"

H.P. = 00°00'08.7"

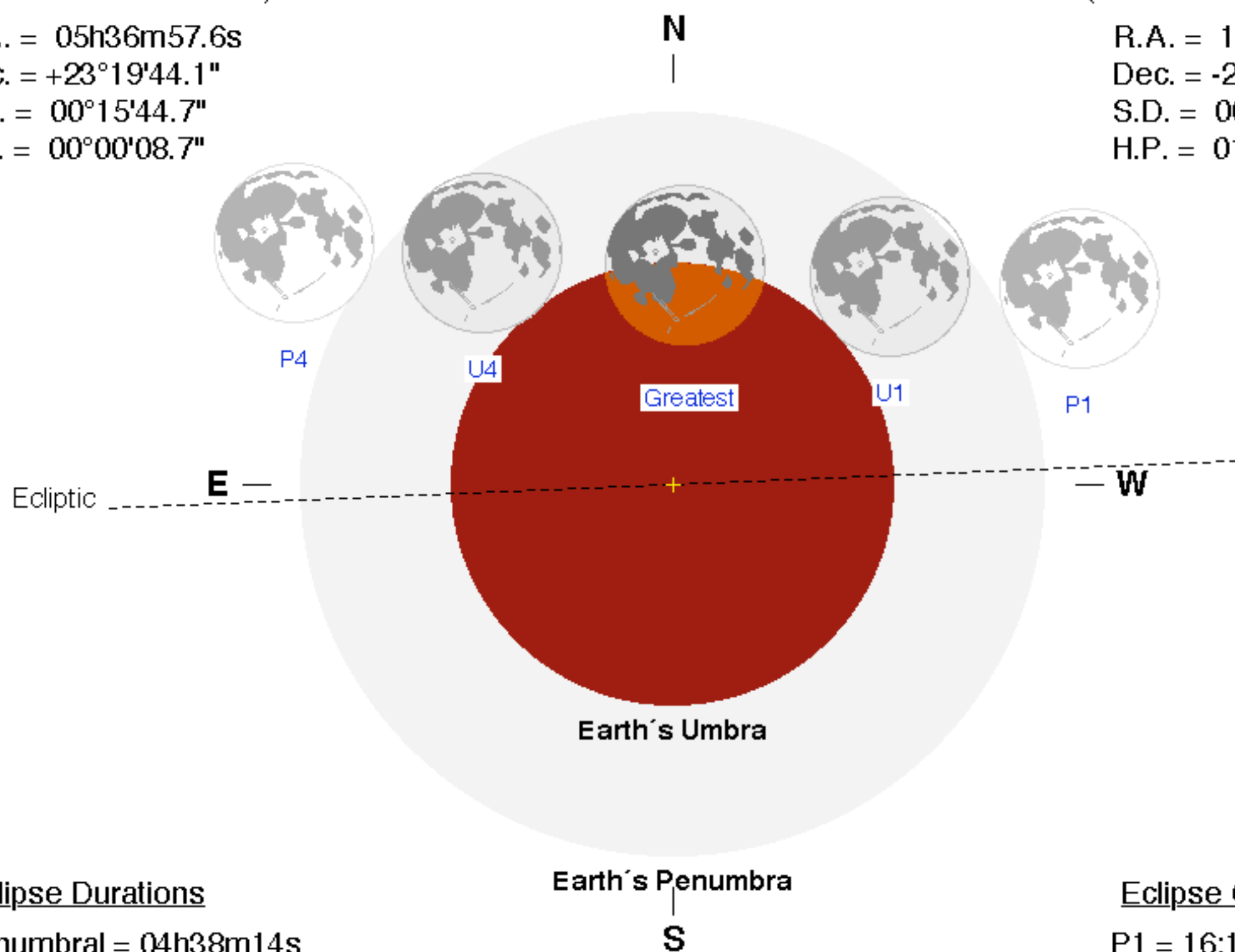
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h36m46.1s

Dec. = -22°33'45.8"

S.D. = 00°16'39.2"

H.P. = 01°01'07.1"



## Eclipse Durations

Penumbral = 04h38m14s

Umbral = 02h24m22s

$\Delta T = 78$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

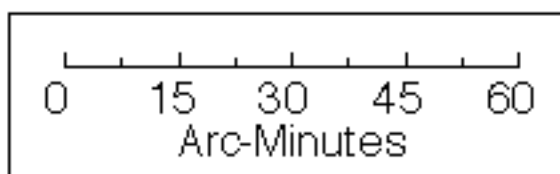
## Eclipse Contacts

P1 = 16:14:09 UT

U1 = 17:21:03 UT

U4 = 19:45:25 UT

P4 = 20:52:23 UT



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eclipse.gsfc.nasa.gov/eclipse.html

