

FIGURE 2

Partial Lunar Eclipse of 2010 Jun 26

Ecliptic Conjunction = 11:31:27.7 TD (= 11:30:20.8 UT)

Greatest Eclipse = 11:39:33.7 TD (= 11:38:26.8 UT)

Penumbral Magnitude = 1.5773

P. Radius = 1.1988°

Gamma = -0.7091

Umbral Magnitude = 0.5368

U. Radius = 0.6743°

Axis = 0.6558°

Saros Series = 120 Member = 58 of 84

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 06h20m48.6s

Dec. = +23°21'07.6"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

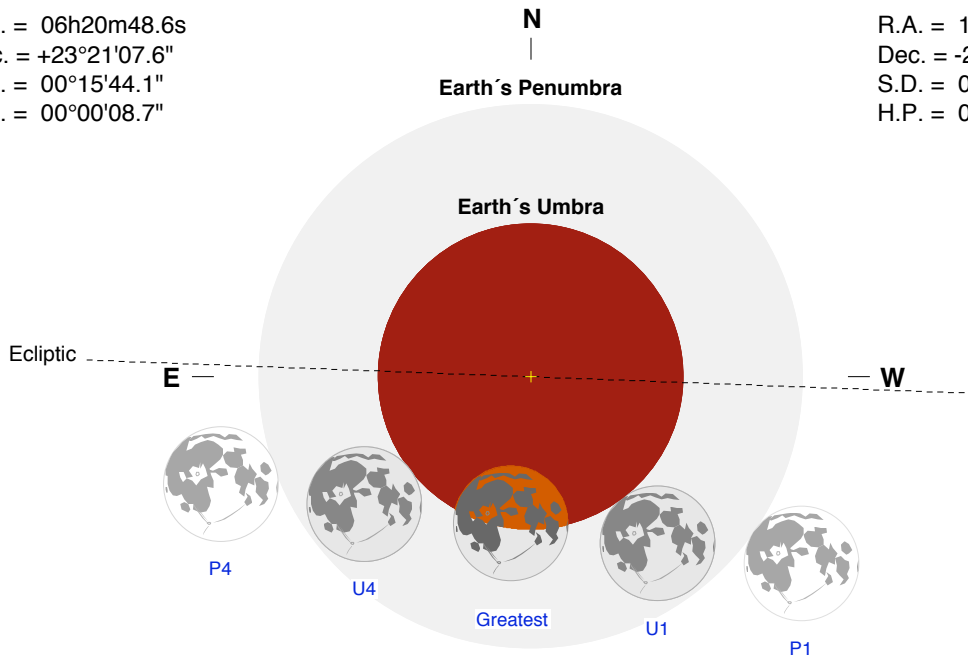
Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 18h21m11.8s

Dec. = -24°00'06.9"

S.D. = 00°15'07.3"

H.P. = 00°55'29.7"



Eclipse Durations

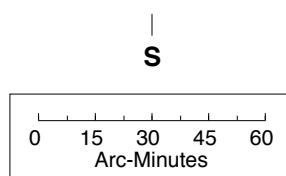
Penumbral = 05h22m13s

Umbral = 02h42m53s

$\Delta T = 67$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

Eclipse Contacts

P1 = 08:57:21 UT

U1 = 10:16:57 UT

U4 = 12:59:50 UT

P4 = 14:19:34 UT

