

# Total Lunar Eclipse of 2062 Mar 25

Ecliptic Conjunction = 03:37:18.5 TD (= 03:35:20.3 UT)

Greatest Eclipse = 03:33:50.4 TD (= 03:31:52.2 UT)

Penumbral Magnitude = 2.2905

P. Radius = 1.2405°

Gamma = -0.3150

Umbral Magnitude = 1.2695

U. Radius = 0.7057°

Axis = 0.3027°

Saros Series = 133 Member = 29 of 71

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h17m31.2s

Dec. = +01°53'45.6"

S.D. = 00°16'02.5"

H.P. = 00°00'08.8"

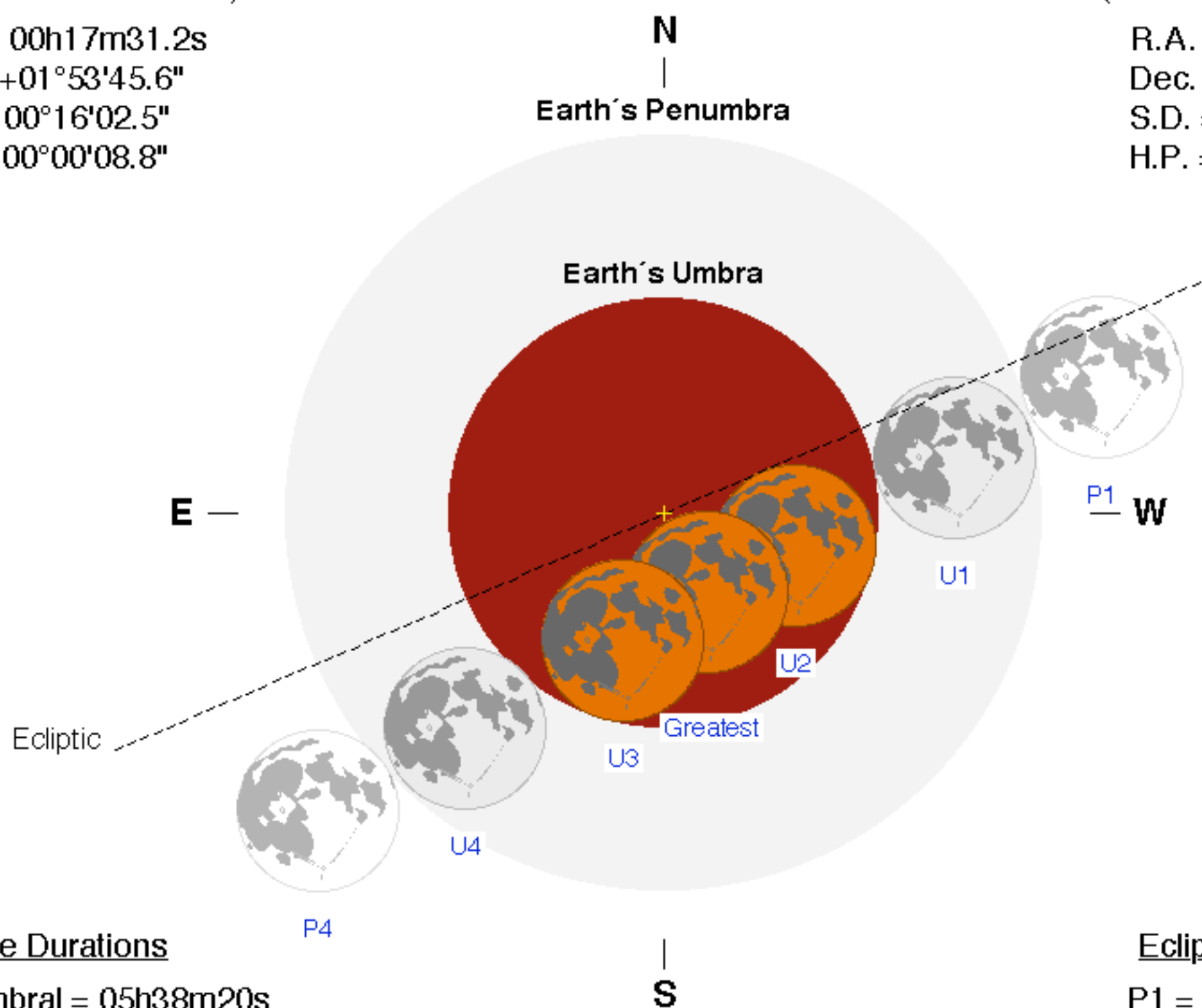
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h16m55.9s

Dec. = -02°09'38.3"

S.D. = 00°15'42.7"

H.P. = 00°57'39.7"



## Eclipse Durations

Penumbral = 05h38m20s

Umbral = 03h31m20s

Total = 01h14m39s

$\Delta T = 118$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 00:42:45 UT

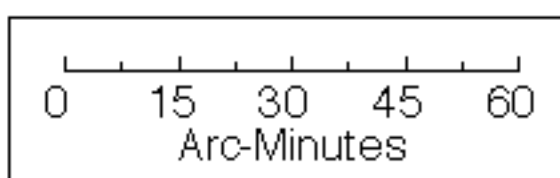
U1 = 01:46:11 UT

U2 = 02:54:32 UT

U3 = 04:09:11 UT

U4 = 05:17:31 UT

P4 = 06:21:06 UT



F. Espenak, NASA's GSFC

[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

