

# Total Lunar Eclipse of 2021 May 26

Ecliptic Conjunction = 11:15:02.4 TD (= 11:13:50.1 UT)

Greatest Eclipse = 11:19:52.7 TD (= 11:18:40.3 UT)

Penumbral Magnitude = 1.9540

P. Radius = 1.2981°

Gamma = 0.4774

Umbral Magnitude = 1.0095

U. Radius = 0.7719°

Axis = 0.4880°

Saros Series = 121

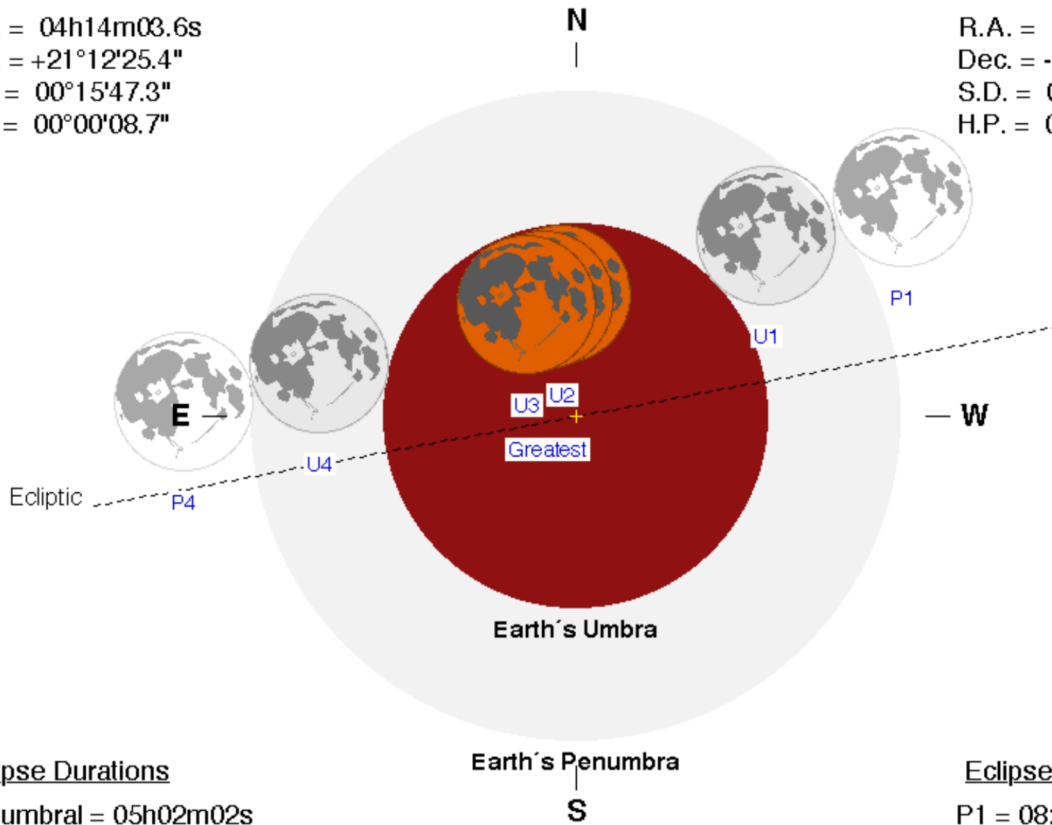
Member = 56 of 84

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h14m03.6s  
Dec. = +21°12'25.4"  
S.D. = 00°15'47.3"  
H.P. = 00°00'08.7"

## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h14m37.8s  
Dec. = -20°44'14.9"  
S.D. = 00°16'42.9"  
H.P. = 01°01'20.5"



## Eclipse Durations

Penumbral = 05h02m02s

Umbral = 03h07m25s

Total = 00h14m30s

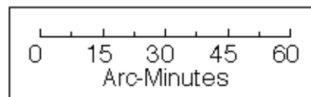
$\Delta T = 72$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Earth's Penumbra

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F. Espenak, NASA's GSFC

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

## Eclipse Contacts

P1 = 08:47:39 UT

U1 = 09:44:57 UT

U2 = 11:11:25 UT

U3 = 11:25:55 UT

U4 = 12:52:22 UT

P4 = 13:49:41 UT

