

# Partial Lunar Eclipse of 2041 May 16

Ecliptic Conjunction = 00:53:35.3 TD (= 00:52:09.5 UT)

Greatest Eclipse = 00:43:02.7 TD (= 00:41:36.9 UT)

Penumbral Magnitude = 1.0747

P. Radius = 1.2336°

Gamma = -0.9746

Umbral Magnitude = 0.0645

U. Radius = 0.7062°

Axis = 0.9336°

Saros Series = 141

Member = 25 of 73

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 03h32m49.6s

Dec. = +19°08'35.6"

S.D. = 00°15'49.2"

H.P. = 00°00'08.7"

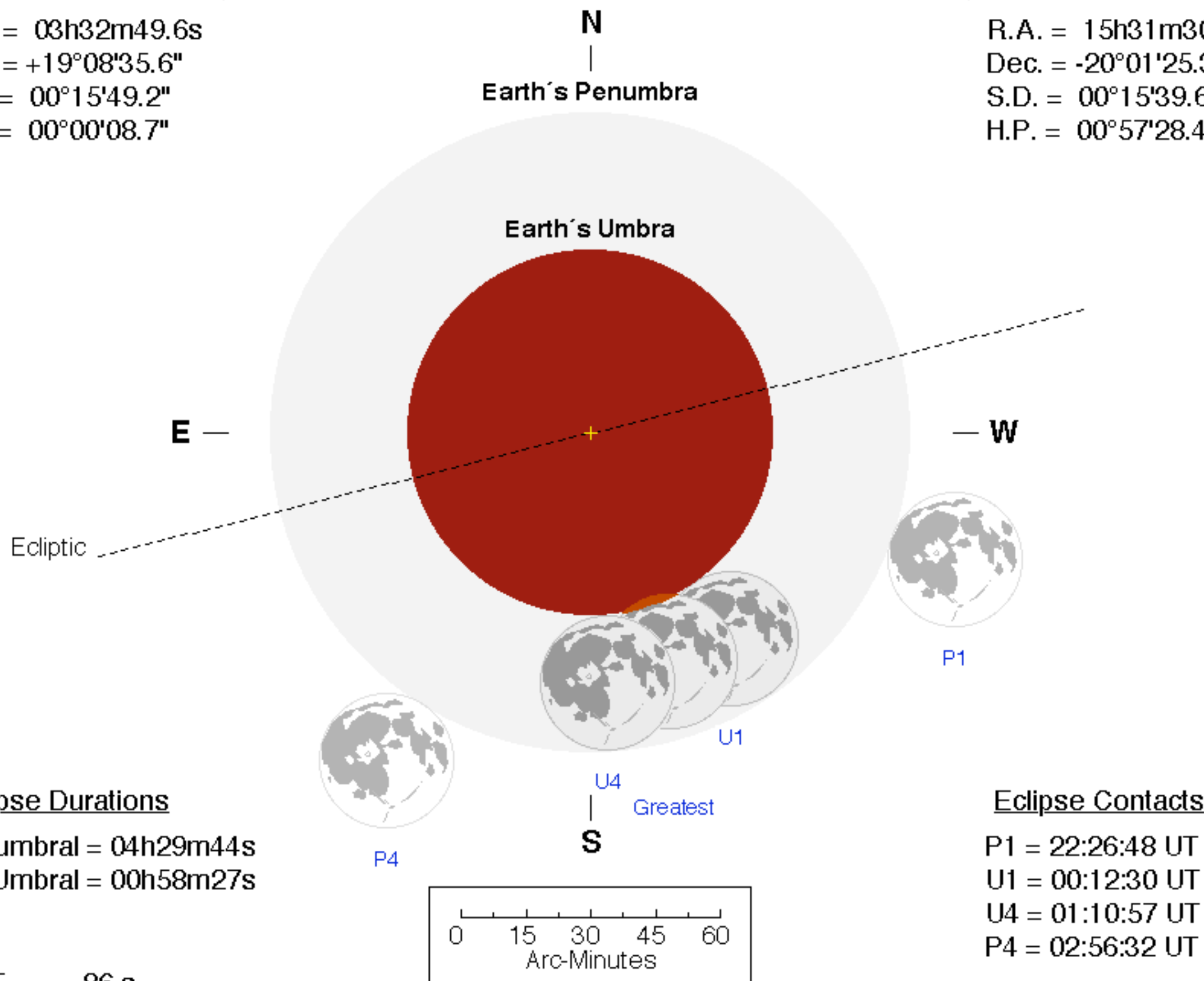
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 15h31m30.6s

Dec. = -20°01'25.3"

S.D. = 00°15'39.6"

H.P. = 00°57'28.4"



## Eclipse Durations

Penumbral = 04h29m44s

Umbral = 00h58m27s

## Eclipse Contacts

P1 = 22:26:48 UT

U1 = 00:12:30 UT

U4 = 01:10:57 UT

P4 = 02:56:32 UT

$\Delta T = 86$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

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

