

# Partial Lunar Eclipse of 1941 Sep 05

Ecliptic Conjunction = 17:36:19.4 TD (= 17:35:54.2 UT)

Greatest Eclipse = 17:47:15.0 TD (= 17:46:49.8 UT)

Penumbral Magnitude = 1.0884

P. Radius = 1.2120°

Gamma = 0.9746

Umbral Magnitude = 0.0511

U. Radius = 0.6830°

Axis = 0.9120°

Saros Series = 117      Member = 48 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h56m24.2s

Dec. = +06°46'30.0"

S.D. = 00°15'52.1"

H.P. = 00°00'08.7"

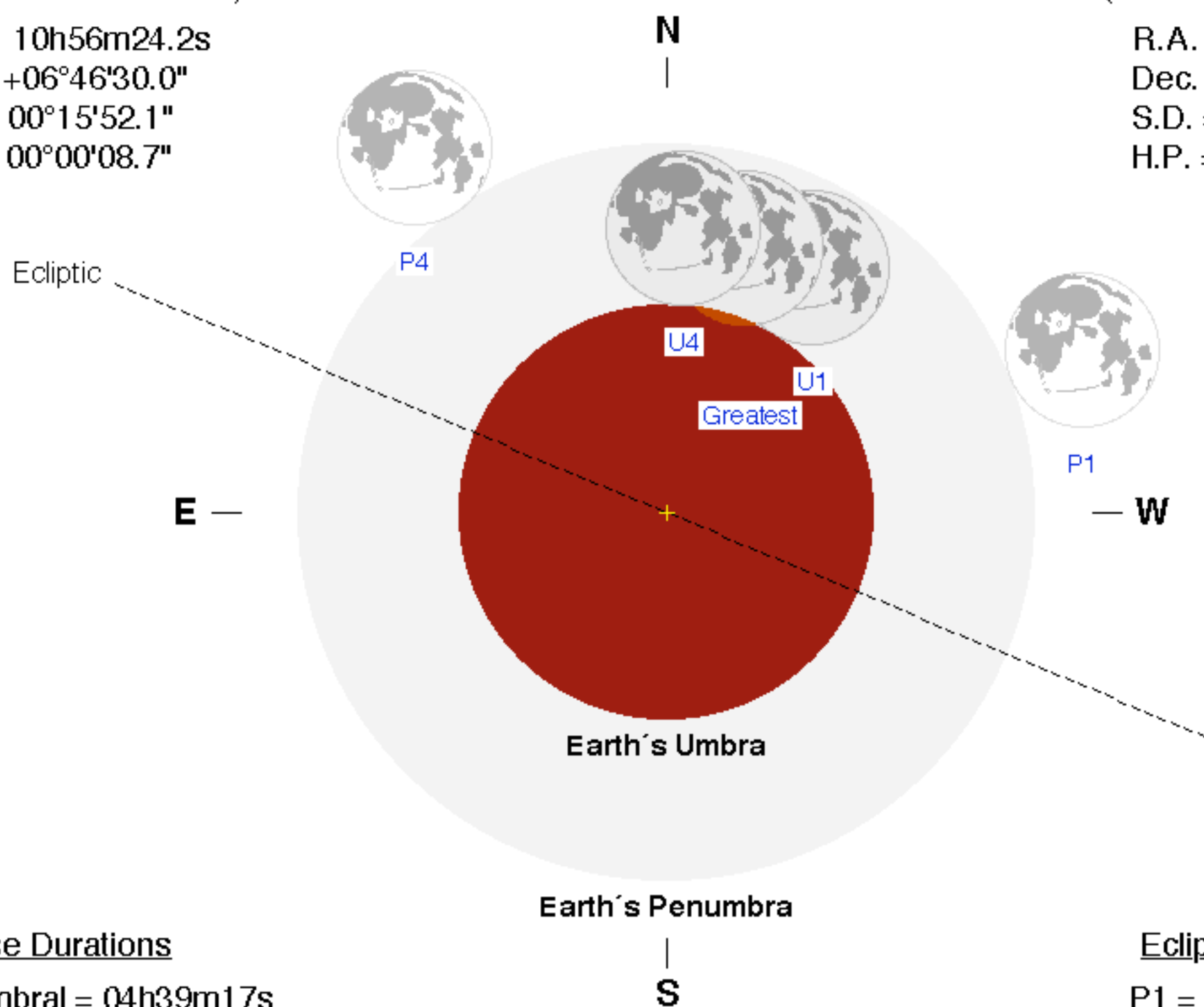
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h55m20.3s

Dec. = -05°54'07.9"

S.D. = 00°15'17.9"

H.P. = 00°56'08.6"



## Eclipse Durations

Penumbral = 04h39m17s

Umbral = 00h53m21s

## Eclipse Contacts

P1 = 15:27:10 UT

U1 = 17:20:03 UT

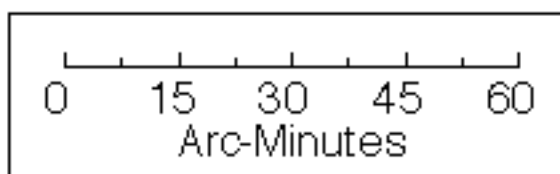
U4 = 18:13:24 UT

P4 = 20:06:27 UT

$\Delta T = 25$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

