

# Total Lunar Eclipse of 1950 Apr 02

Ecliptic Conjunction = 20:49:16.7 TD (= 20:48:47.5 UT)

Greatest Eclipse = 20:44:34.0 TD (= 20:44:04.8 UT)

Penumbral Magnitude = 1.9951

P. Radius = 1.2961°

Gamma = -0.4598

Umbral Magnitude = 1.0329

U. Radius = 0.7629°

Axis = 0.4676°

Saros Series = 131

Member = 30 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h46m07.6s

Dec. = +04°57'20.0"

S.D. = 00°15'59.8"

H.P. = 00°00'08.8"

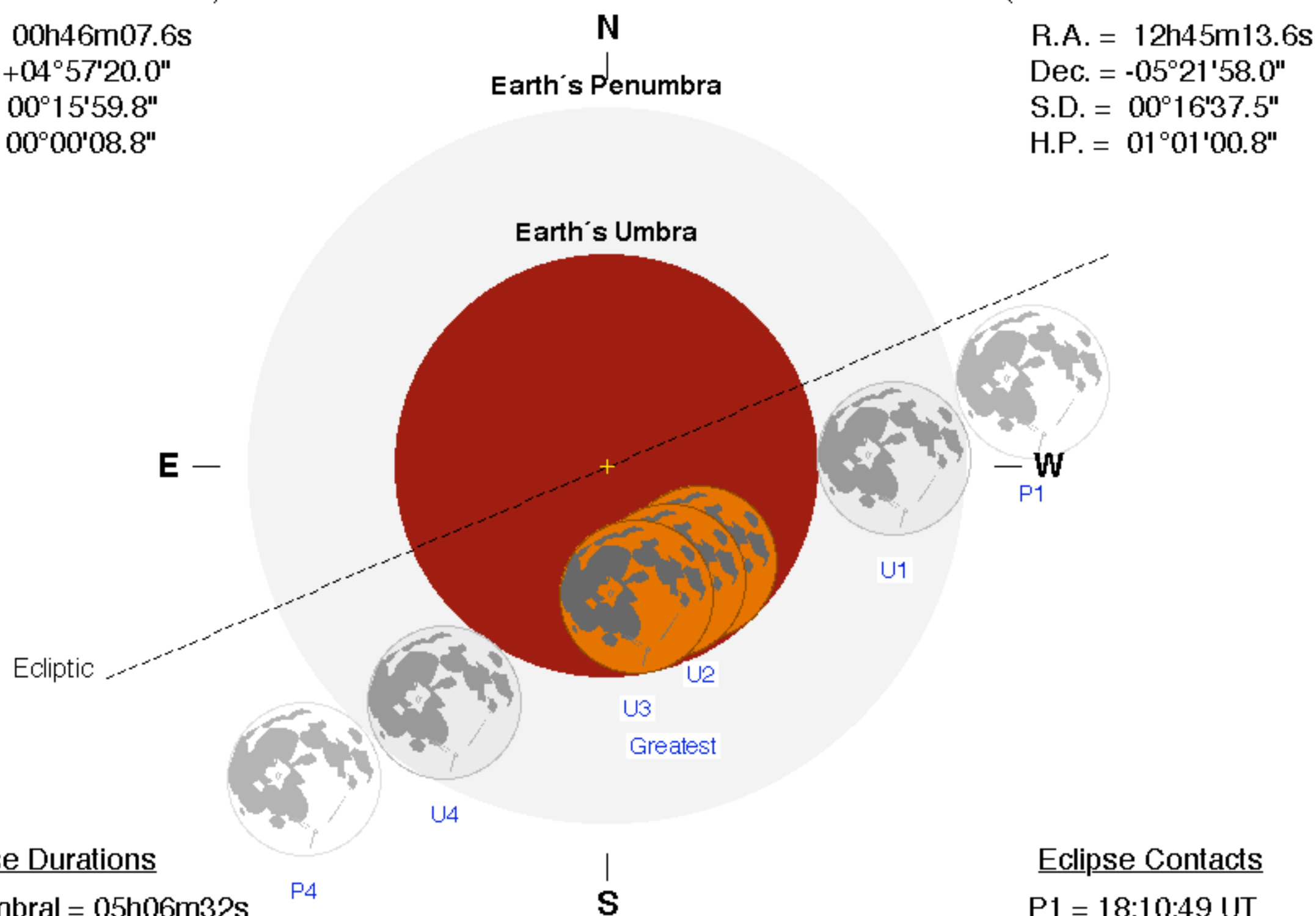
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h45m13.6s

Dec. = -05°21'58.0"

S.D. = 00°16'37.5"

H.P. = 01°01'00.8"



## Eclipse Durations

Penumbral = 05h06m32s

Umbral = 03h09m35s

Total = 00h26m54s

$\Delta T = 29$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 18:10:49 UT

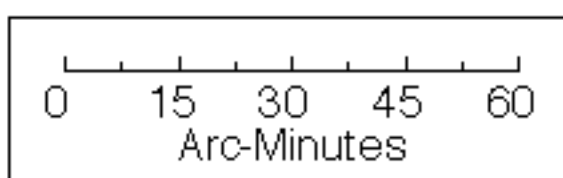
U1 = 19:09:19 UT

U2 = 20:30:38 UT

U3 = 20:57:33 UT

U4 = 22:18:54 UT

P4 = 23:17:21 UT



F. Espenak, NASA's GSFC  
[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

