

Penumbral Lunar Eclipse of 1955 Jan 08

Ecliptic Conjunction = 12:44:36.4 TD (= 12:44:05.4 UT)

Greatest Eclipse = 12:33:20.4 TD (= 12:32:49.4 UT)

Penumbral Magnitude = 0.8555

P. Radius = 1.2808°

Gamma = -1.0906

Umbral Magnitude = -0.1421

U. Radius = 0.7386°

Axis = 1.0876°

Saros Series = 143

Member = 15 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h15m41.7s

Dec. = -22°18'18.6"

S.D. = 00°16'15.9"

H.P. = 00°00'08.9"

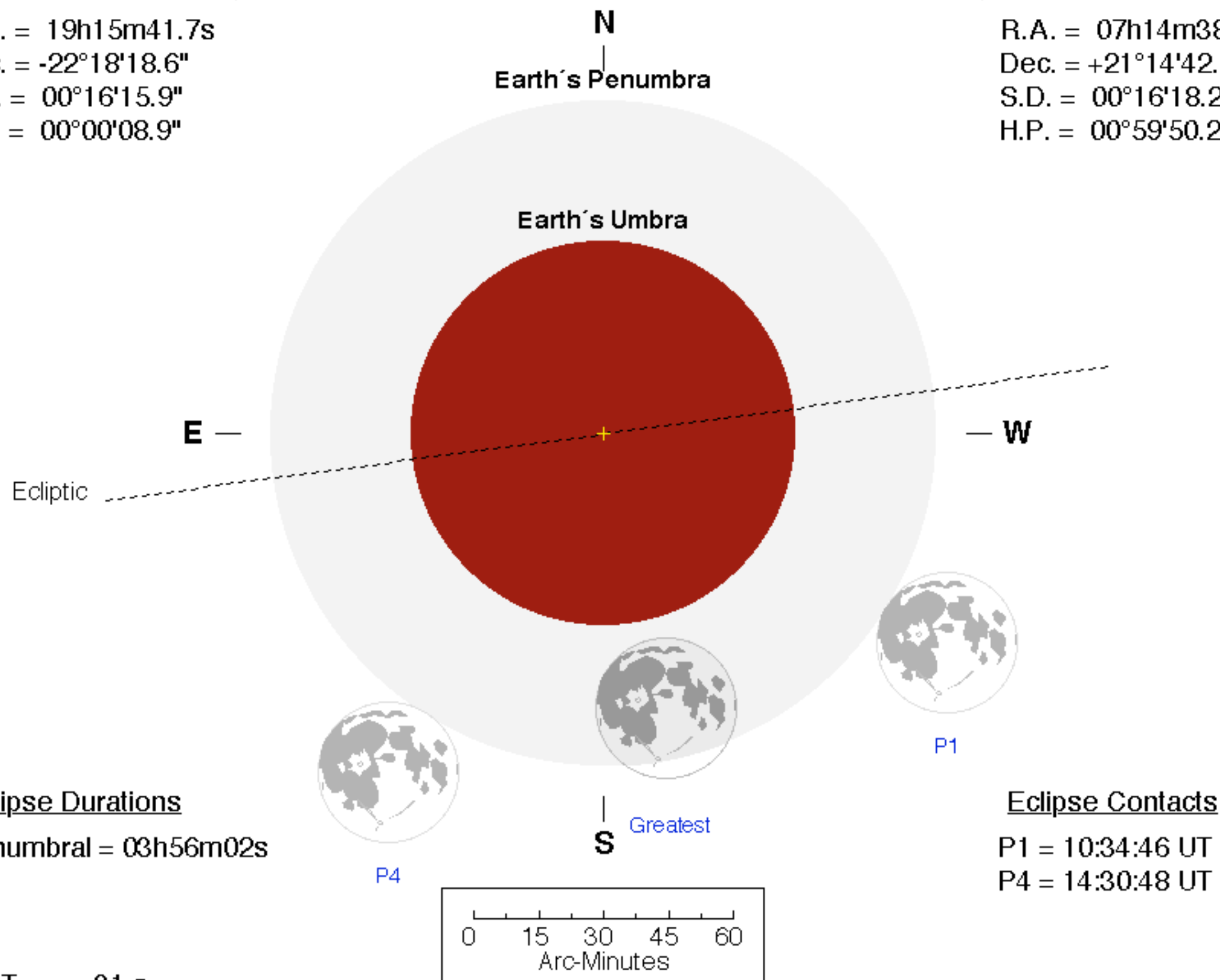
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h14m38.9s

Dec. = +21°14'42.1"

S.D. = 00°16'18.2"

H.P. = 00°59'50.2"



Eclipse Durations

Penumbral = 03h56m02s

Eclipse Contacts

P1 = 10:34:46 UT

P4 = 14:30:48 UT

$\Delta T = 31$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

