

Penumbral Lunar Eclipse of 1908 Jan 18

Ecliptic Conjunction = 13:36:52.8 TD (= 13:36:45.1 UT)

Greatest Eclipse = 13:21:36.4 TD (= 13:21:28.7 UT)

Penumbral Magnitude = 0.5370

P. Radius = 1.1820°

Gamma = 1.2939

Umbral Magnitude = -0.5685

U. Radius = 0.6401°

Axis = 1.1638°

Saros Series = 142 Member = 12 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h56m29.0s

Dec. = -20°45'15.7"

S.D. = 00°16'15.4"

H.P. = 00°00'08.9"

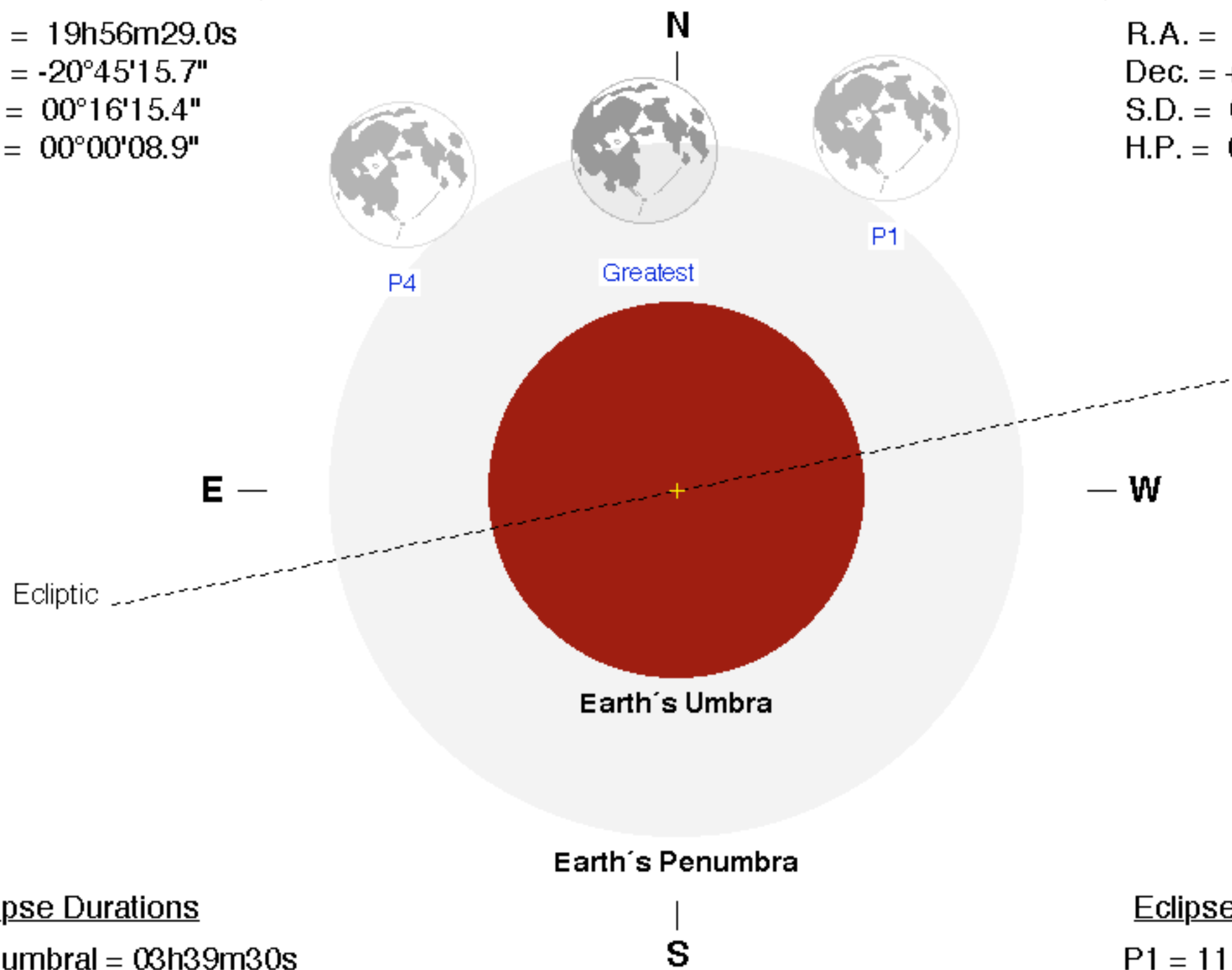
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h56m58.0s

Dec. = +21°54'46.1"

S.D. = 00°14'42.4"

H.P. = 00°53'58.3"



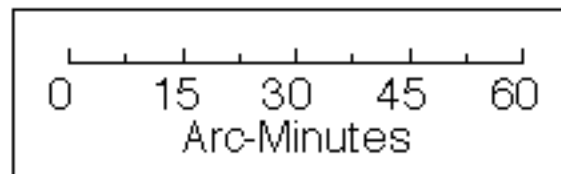
Eclipse Durations

Penumbral = 03h39m30s

Eclipse Contacts

P1 = 11:31:43 UT

P4 = 15:11:13 UT



$\Delta T = 8 \text{ s}$

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

