

Penumbral Lunar Eclipse of 1944 Aug 04

Ecliptic Conjunction = 12:39:39.3 TD (= 12:39:12.6 UT)

Greatest Eclipse = 12:26:50.8 TD (= 12:26:24.1 UT)

Penumbral Magnitude = 0.4785

P. Radius = 1.2860°

Gamma = -1.2842

Umbral Magnitude = -0.4758

U. Radius = 0.7604°

Axis = 1.2978°

Saros Series = 147 Member = 5 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h57m44.4s

Dec. = +17°12'21.5"

S.D. = 00°15'46.0"

H.P. = 00°00'08.7"

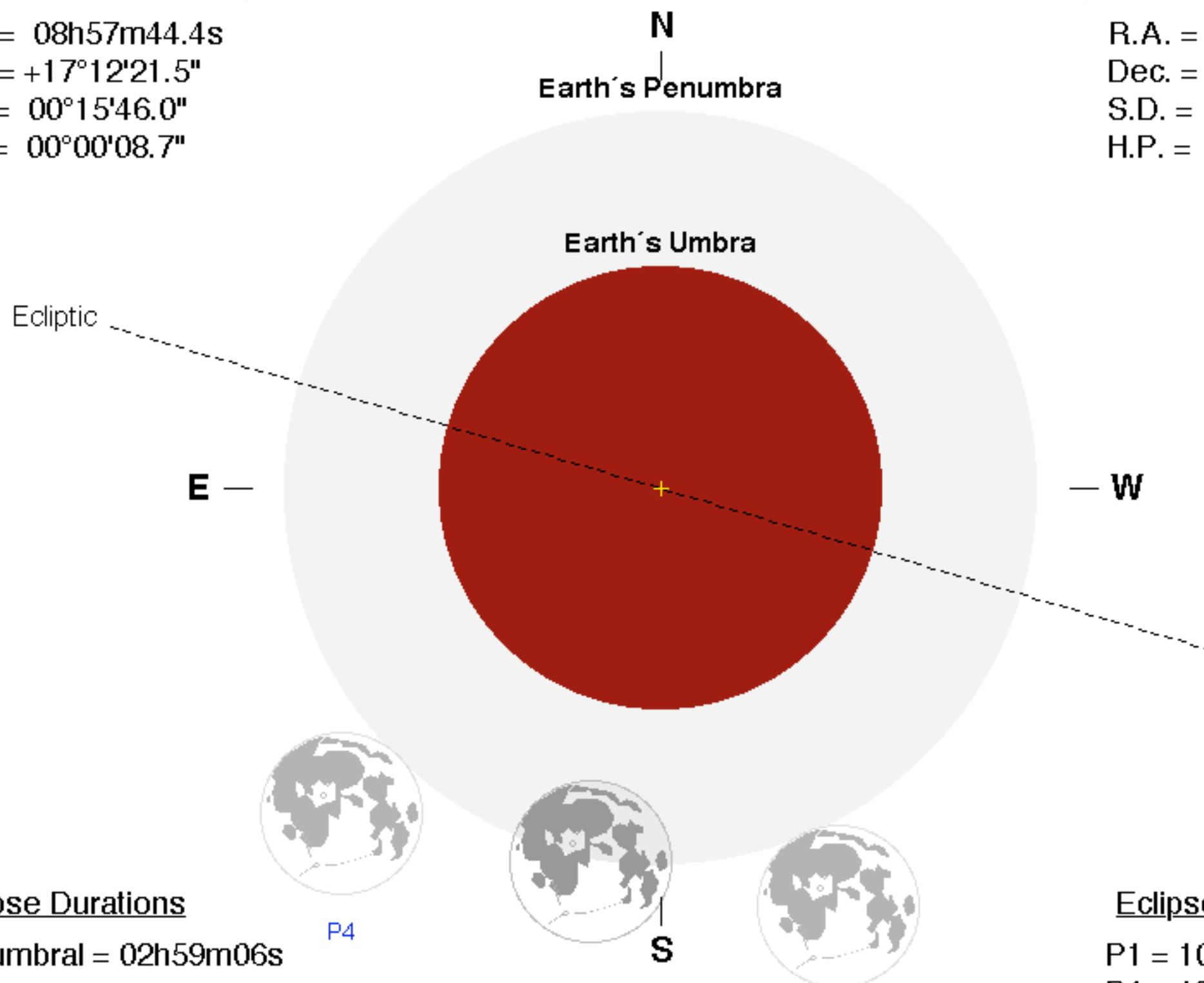
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h58m45.4s

Dec. = -18°28'52.2"

S.D. = 00°16'31.4"

H.P. = 01°00'38.4"



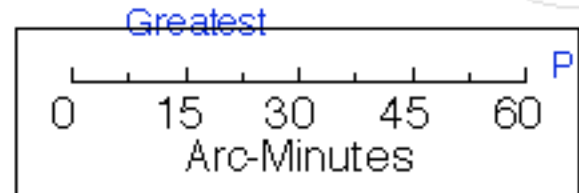
Eclipse Durations

Penumbral = 02h59m06s

Eclipse Contacts

P1 = 10:56:54 UT

P4 = 13:56:00 UT



$\Delta T = 27$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

