

Figure 6

Partial Lunar Eclipse of 2008 Aug 16

Ecliptic Conjunction = 21:17:32.4 TD (= 21:16:26.9 UT)

Greatest Eclipse = 21:11:11.6 TD (= 21:10:06.1 UT)

Penumbral Magnitude = 1.8367

P. Radius = 1.2141°

Gamma = 0.5646

Umbral Magnitude = 0.8076

U. Radius = 0.6876°

Axis = 0.5301°

Saros Series = 138

Member = 29 of 83

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 09h46m37.2s

Dec. = +13°24'18.2"

S.D. = 00°15'47.9"

H.P. = 00°00'08.7"

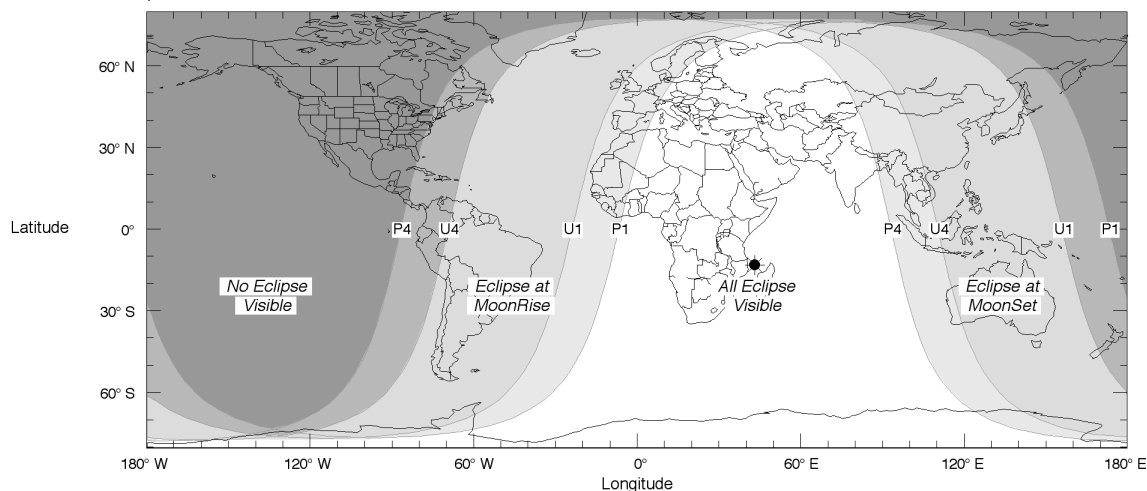
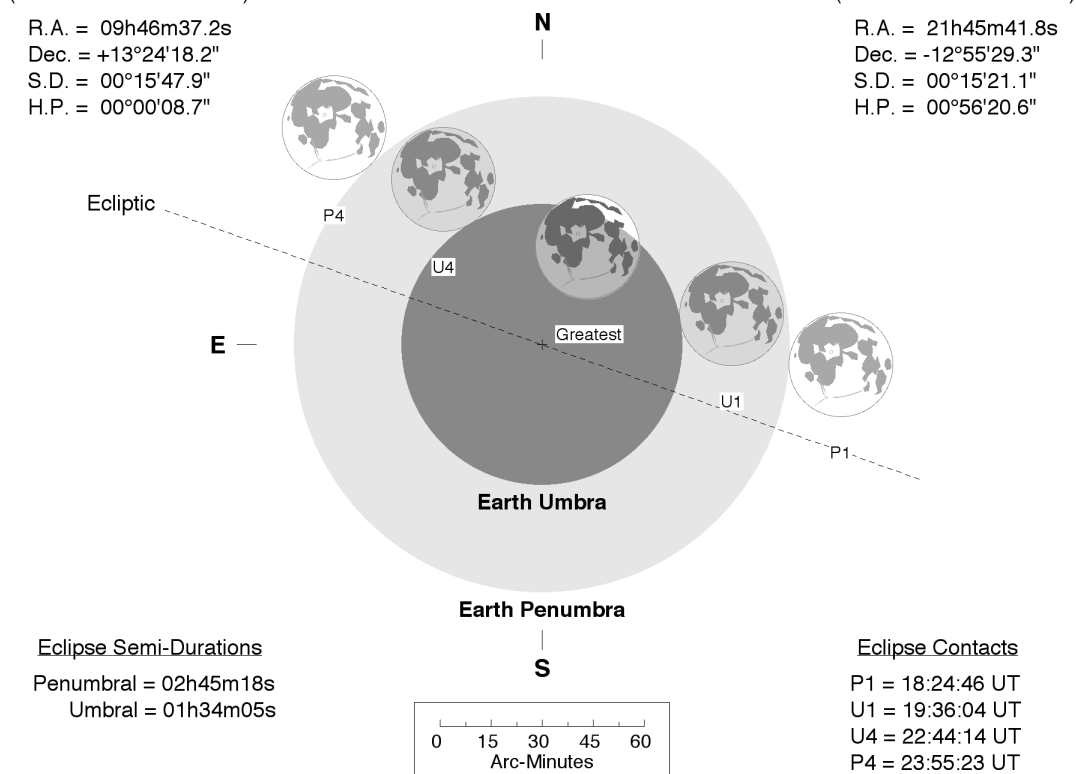
Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 21h45m41.8s

Dec. = -12°55'29.3"

S.D. = 00°15'21.1"

H.P. = 00°56'20.6"



Fred Espenak, "Eclipses During 2008," Observer's Handbook 2008,
Royal Astronomical Society of Canada, University of Toronto Press, Toronto, 2007.