

Total Solar Eclipse of 2015 Mar 20

Lunar Limb Profile at 09:41:37.9 UTC

Topocentric Libration:

l: 1.14°

b: -0.27°

c: 335.08°

Observer:

TSE 2015 - Vágar (Faroe islands)

Lat.: 62°04.190'N

Lon.: 07°18.033'W

Elv.: 31.0m

TZ: +00:00

Moon/Sun Diameter Ratio: 1.0458

ΔT : 67.73s

dUT1: -0.55s

Ns = solar north axis

Nm = lunar north axis

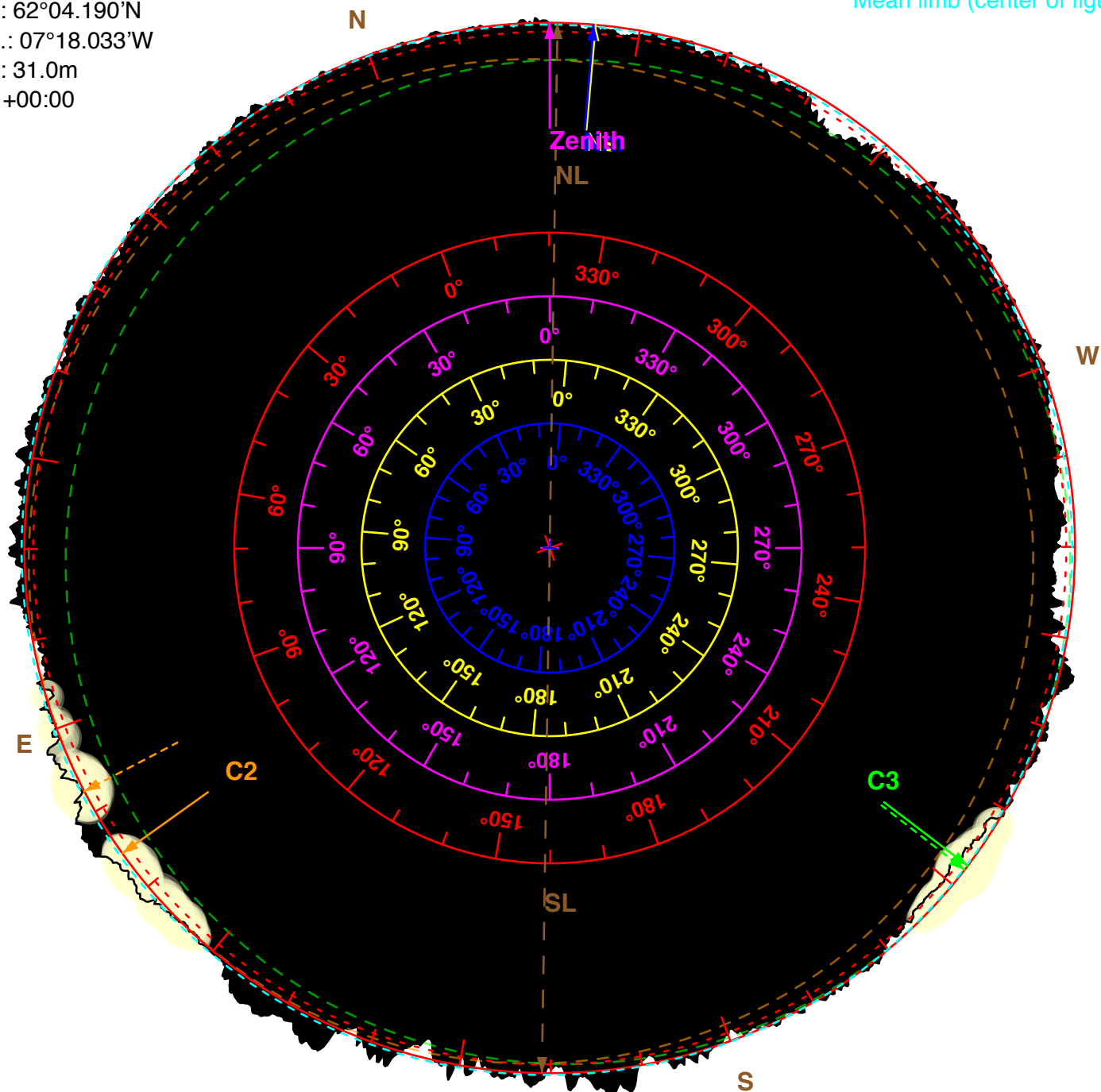
C2 = 2nd contact

C3 = 3rd contact

Zn = observer's zenith

Mean limb (center of mass)

Mean limb (center of figure)



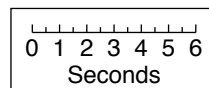
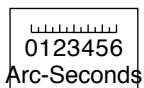
Uncorrected Contacts:

C1: 08:38:42.8 UTC

C2: 09:40:29.7 UTC

C3: 09:42:46.2 UTC

C4: 10:47:17.7 UTC



Mean Duration: 2m16.5s

Corrected Duration: 2m17.9s (+1.4s)

Limb Corrected Contacts (Kaguya/LRO):

C2': 09:40:26.6 UTC (-3.1s)

C3': 09:42:44.5 UTC (-1.7s)

Solar Eclipse Maestro - Xavier M. Jubier

(<http://xjubier.free.fr/>)

Baily's Beads: $\pm 3.0s$