

Total Solar Eclipse of 2015 Mar 20

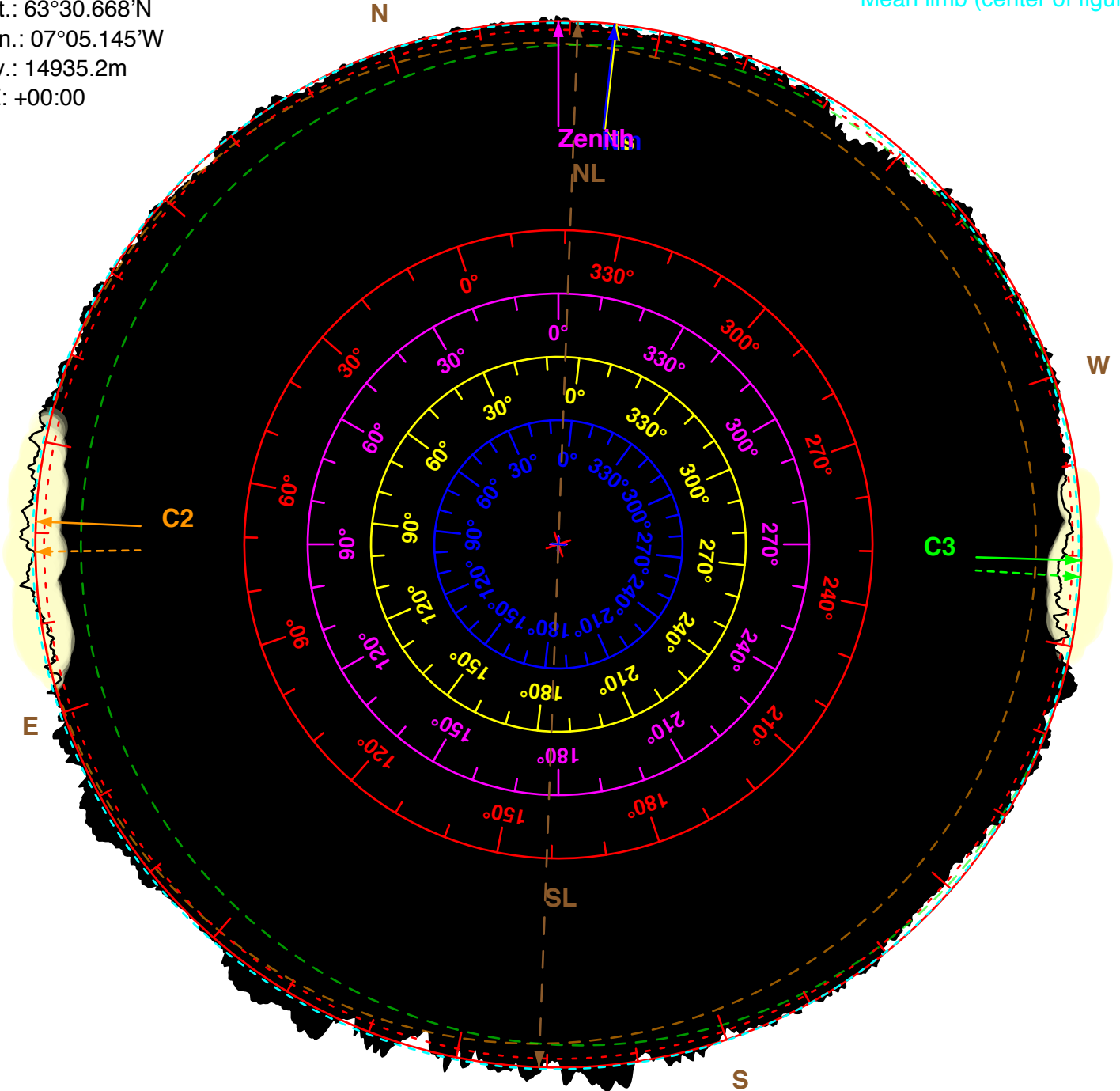
Lunar Limb Profile at 09:44:00.1 UTC

Topocentric Libration:
 l: 1.12°
 b: -0.26°
 c: 335.08°

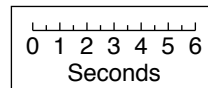
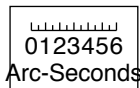
Moon/Sun Diameter Ratio: 1.0456
 ΔT : 67.73s
 dUT1: -0.55s

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)

Observer:
 TSE 2015 - F7X - Mid 09:44:00 (North Atlantic)
 Lat.: 63°30.668'N
 Lon.: 07°05.145'W
 Elv.: 14935.2m
 TZ: +00:00



Uncorrected Contacts:
 C1: 08:41:18.8 UTC
 C2: 09:42:36.2 UTC
 C3: 09:45:24.1 UTC
 C4: 10:49:14.0 UTC



Mean Duration: 2m47.9s
 Corrected Duration: 2m47.0s (-0.9s)

Limb Corrected Contacts (Kaguya/LRO):

C2': 09:42:34.4 UTC (-1.8s)
 C3': 09:45:21.4 UTC (-2.7s)

Solar Eclipse Maestro - Xavier M. Jubier
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Baily's Beads: $\pm 3.0s$