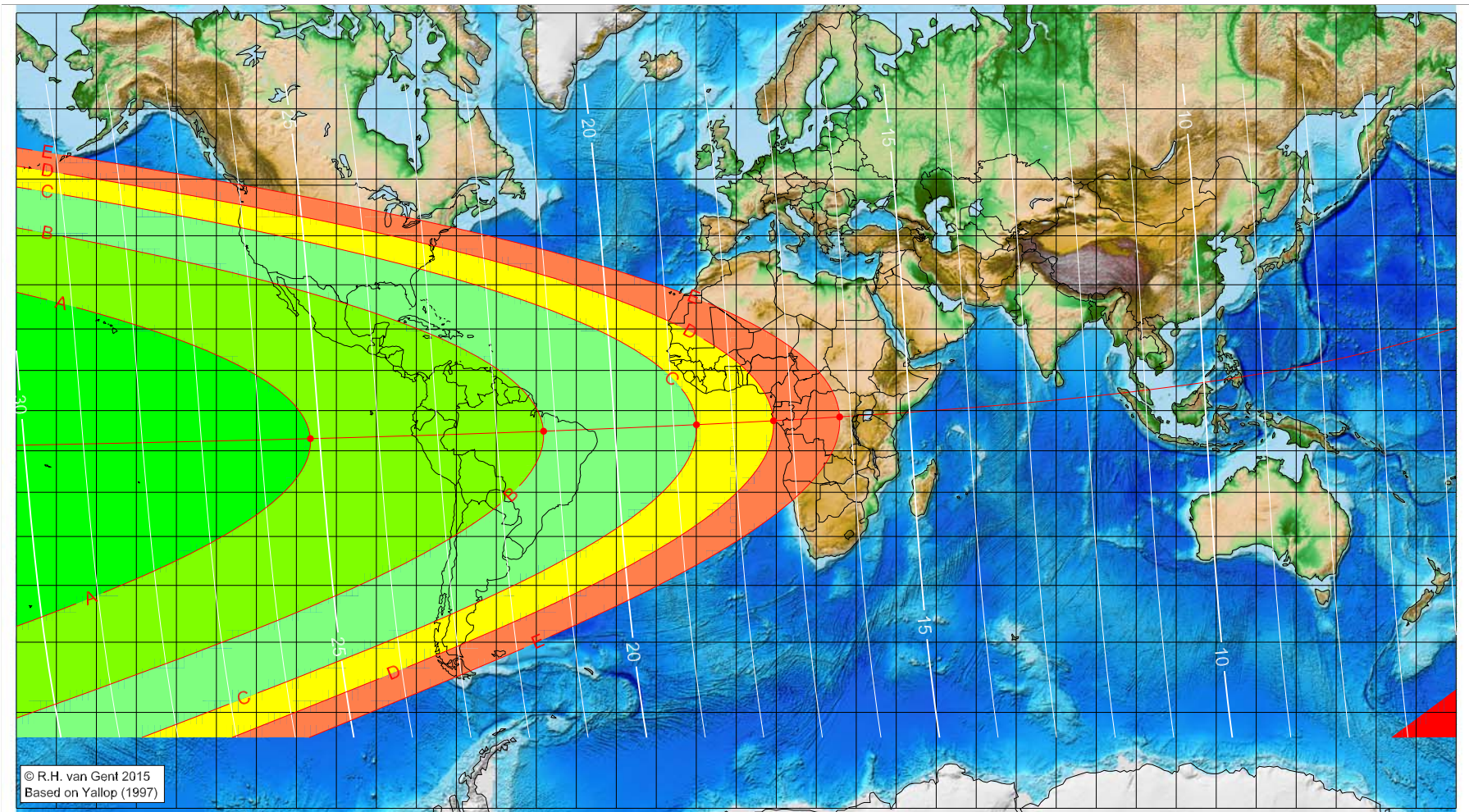


First visibility lunar crescent for Muḥarram 1438 AH

Global visibility map for 1 October 2016 [Saturday]
Day of luni-solar conjunction



Astronomical New Moon: 1 October 2016, 0h 11.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1160

Islamic Lunation Number = 17245

TT - UT [= ΔT] = 1.1 min

Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-106.49	-6.99	25.16
-48.18	-5.15	21.21
-9.96	-3.53	18.62
9.30	-2.54	17.31
25.86	-1.58	16.19

More info: <http://www.staff.science.uu.nl/~gent0113/>