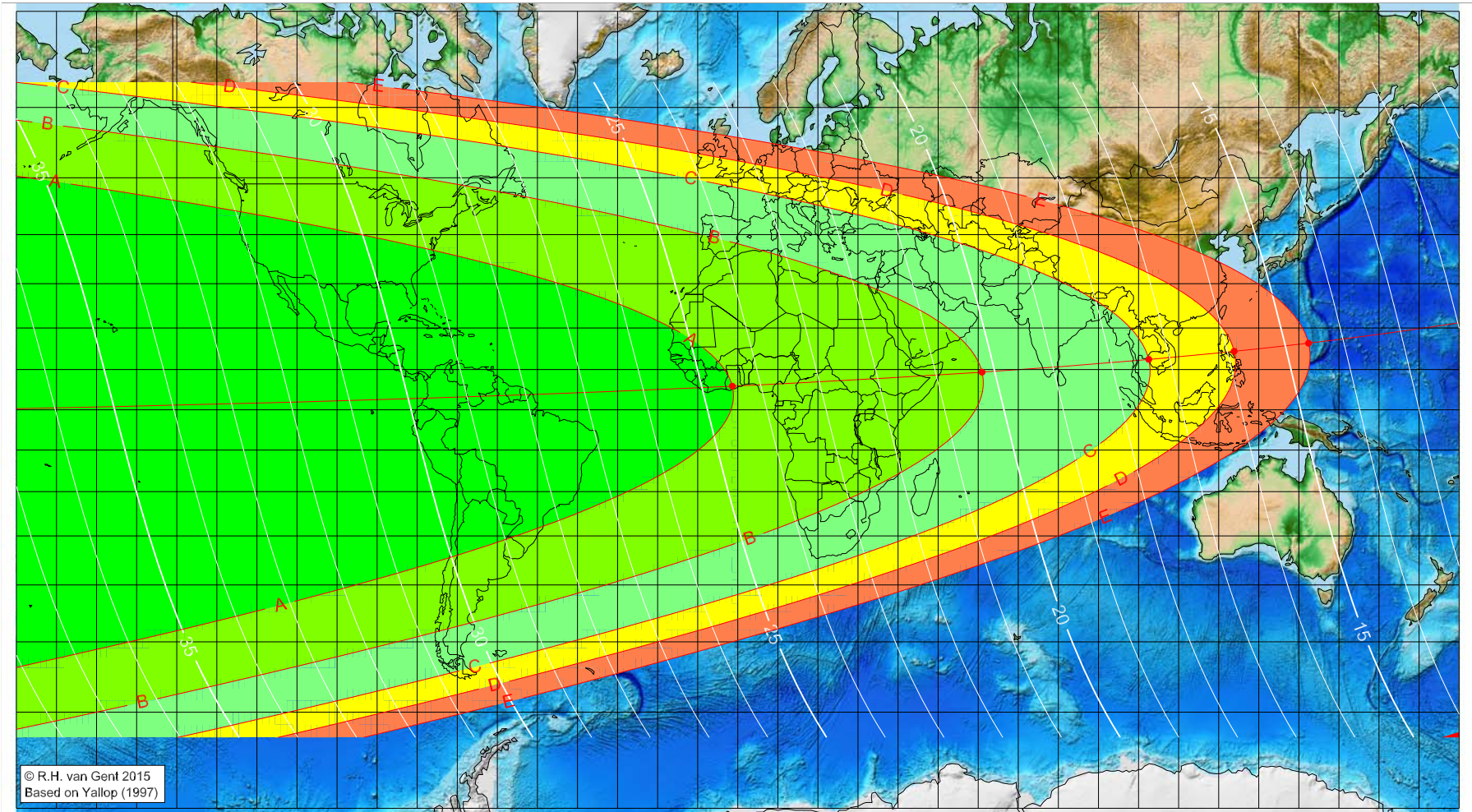


First visibility lunar crescent for Şafar 1438 AH

Global visibility map for 31 October 2016 [Monday]
Day after luni-solar conjunction



Astronomical New Moon: 30 October 2016, 17h 38.2m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1161

Islamic Lunation Number = 17246

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°)

Longitude (°)	Latitude (°)	Lunar age (h)
-1.36	5.88	24.48
60.95	9.36	20.22
102.55	12.49	17.35
123.86	14.44	15.88
142.42	16.39	14.60

■ moonset before sunset

■ before conjunction (astronomical new moon)

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