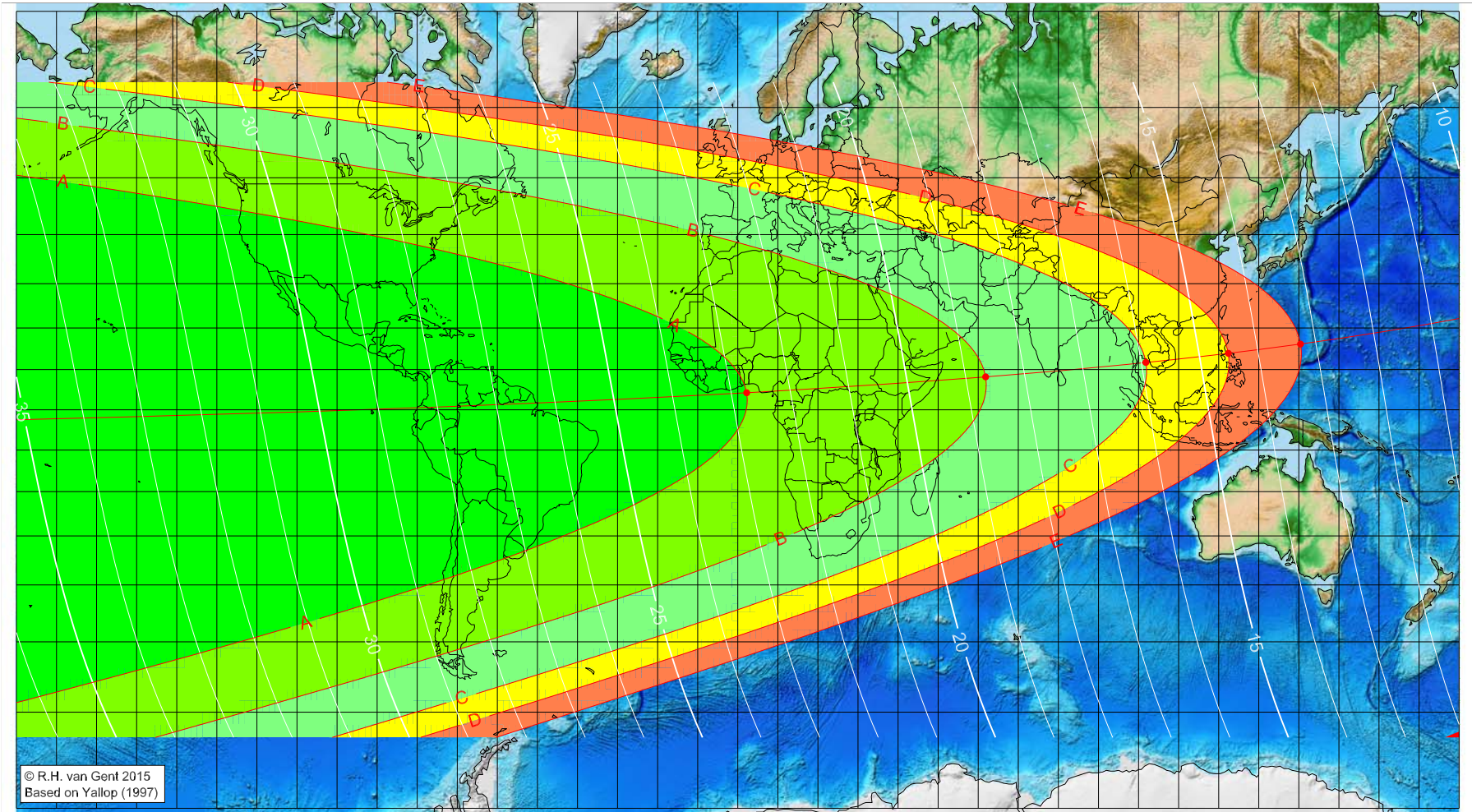


First visibility lunar crescent for Şafar 1439 AH

Global visibility map for 20 October 2017 [Friday]
Day after luni-solar conjunction



© R.H. van Gent 2015
Based on Yallop (1997)

Astronomical New Moon: 19 October 2017, 19h 12.0m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1173

Islamic Lunation Number = 17258

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)
2.22	4.25	22.74
61.85	8.19	18.66
101.83	11.74	15.92
122.41	13.96	14.50
140.42	16.18	13.26

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