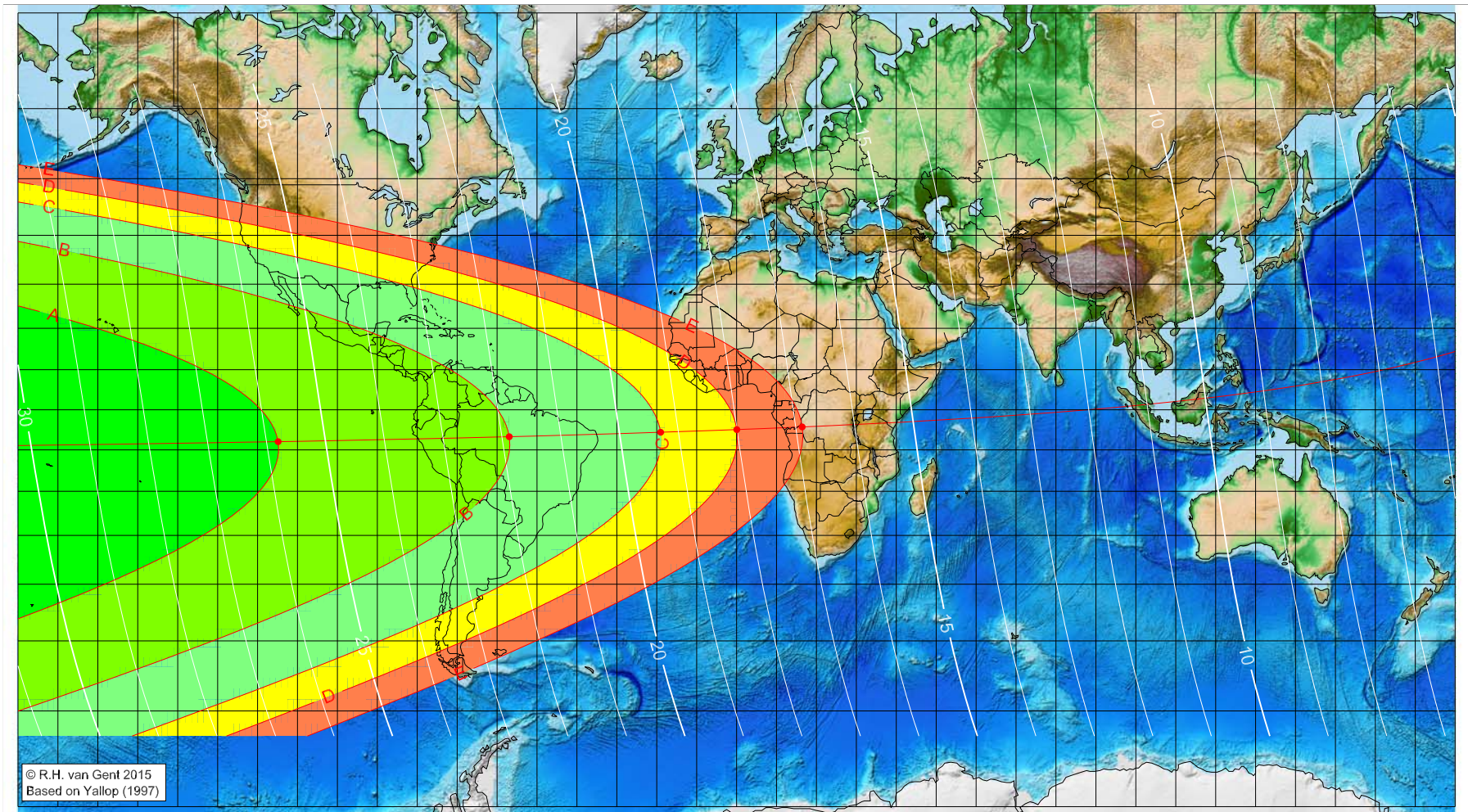


First visibility lunar crescent for Muḥarram 1437 AH

Global visibility map for 13 October 2015 [Tuesday]
Day of luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 13 October 2015, 0h 5.8m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1148

Islamic Lunation Number = 17233

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)
-114.85	-7.96	25.80
-56.95	-6.73	21.88
-19.03	-5.63	19.30
0.05	-4.96	18.00
16.43	-4.29	16.89

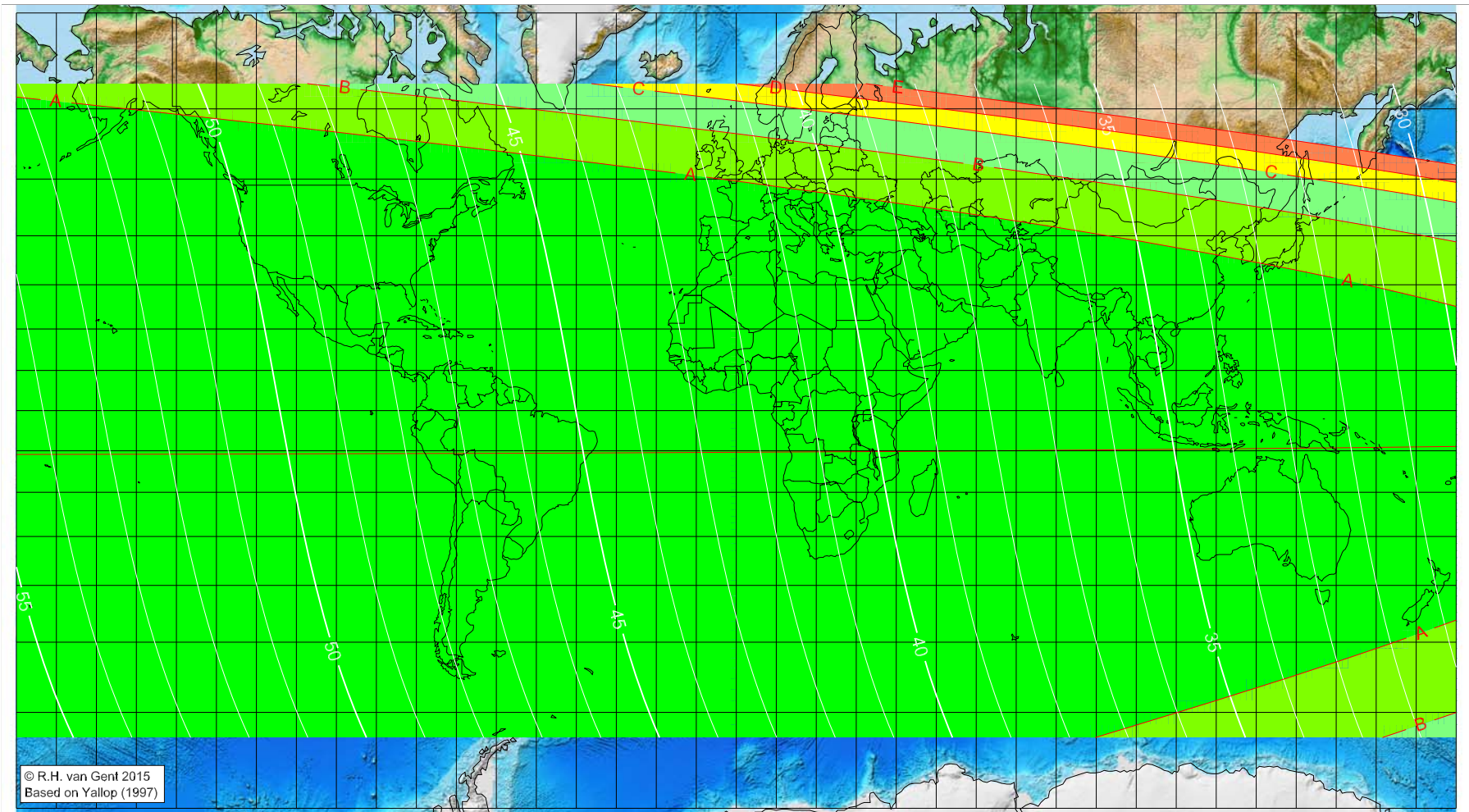
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Muḥarram 1437 AH

Global visibility map for 14 October 2015 [Wednesday]
Day after luni-solar conjunction



Astronomical New Moon: 13 October 2015, 0h 5.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1148

Islamic Lunation Number = 17233

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

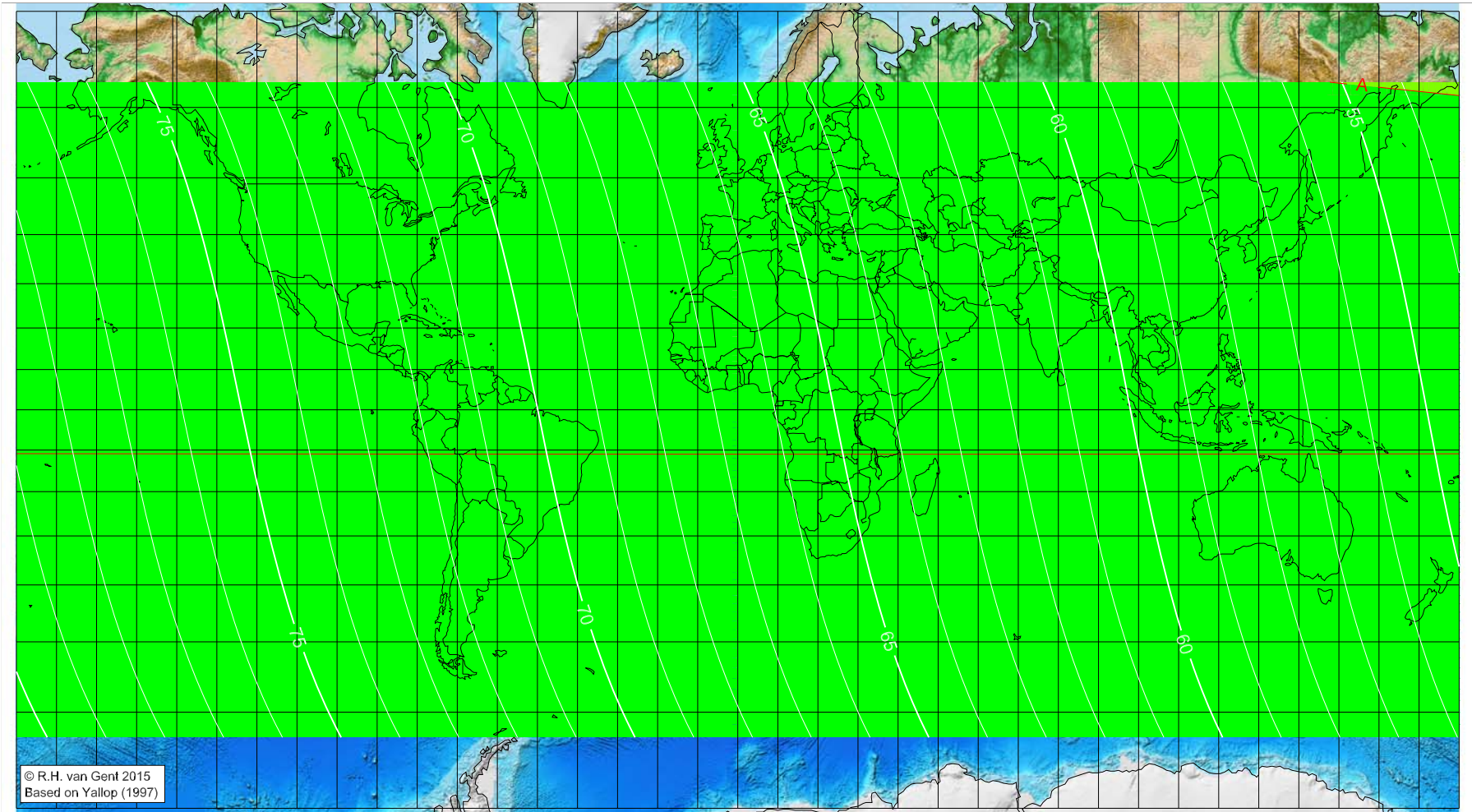
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening

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

First visibility lunar crescent for Muḥarram 1437 AH

Global visibility map for 15 October 2015 [Thursday]
Second day after luni-solar conjunction



Astronomical New Moon: 13 October 2015, 0h 5.8m (UTC)

- 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)

Astronomical (Brown) Lunation Number = 1148
Islamic Lunation Number = 17233
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

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