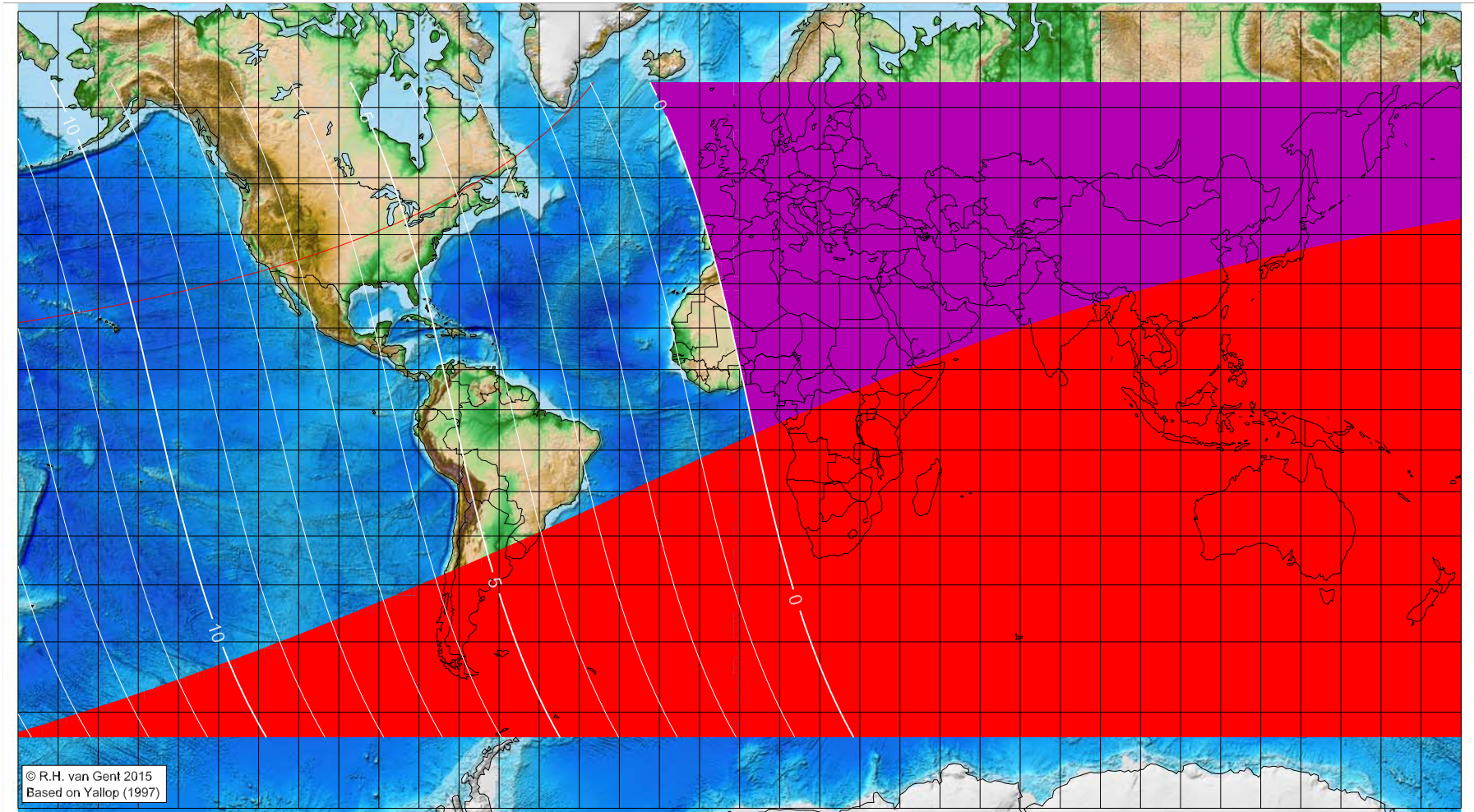


# First visibility lunar crescent for Şafar 1438 AH

Global visibility map for 30 October 2016 [Sunday]  
Day of 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

- 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)

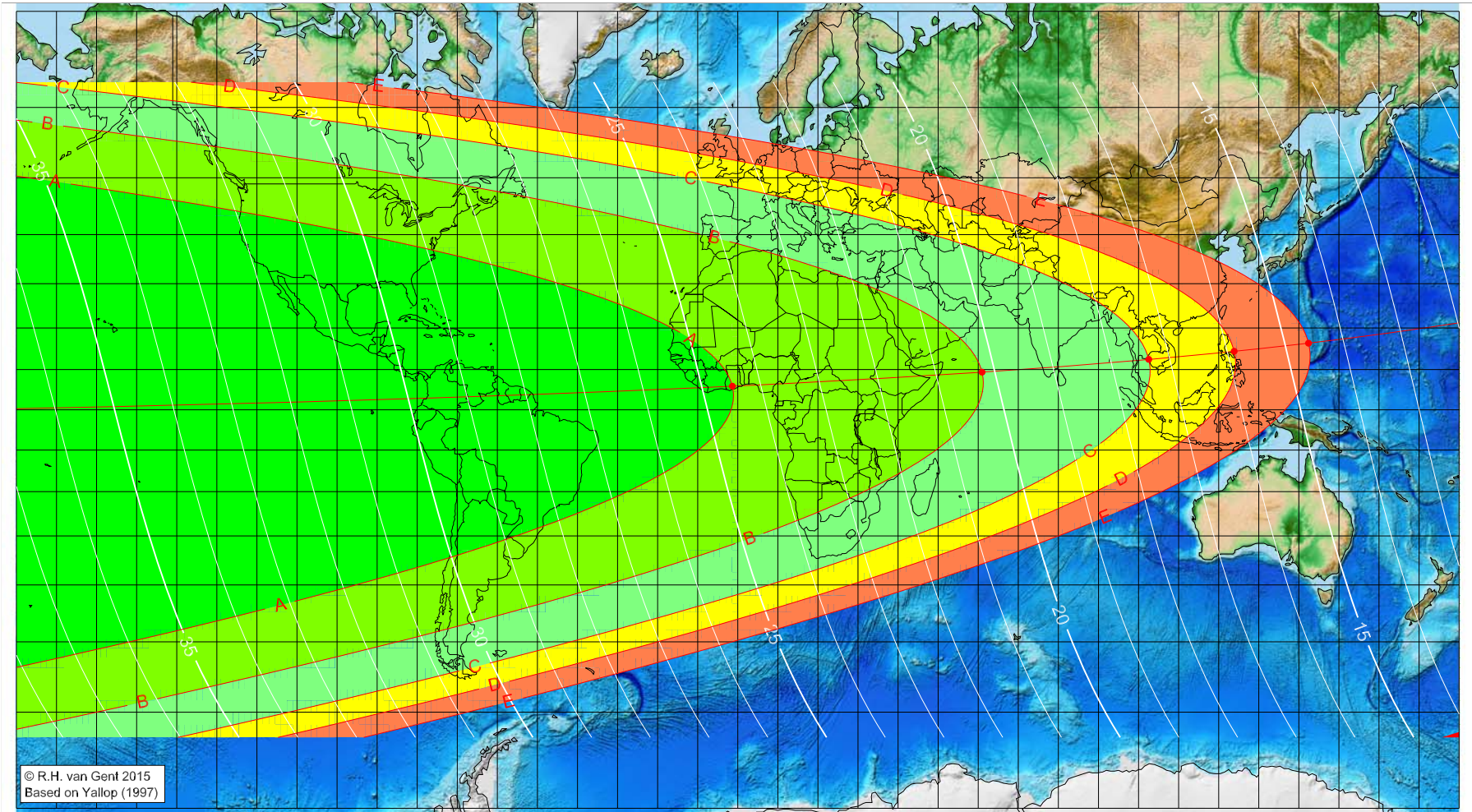
Longitude (°)	Latitude (°)	Lunar age (h)
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening

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/>

# 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

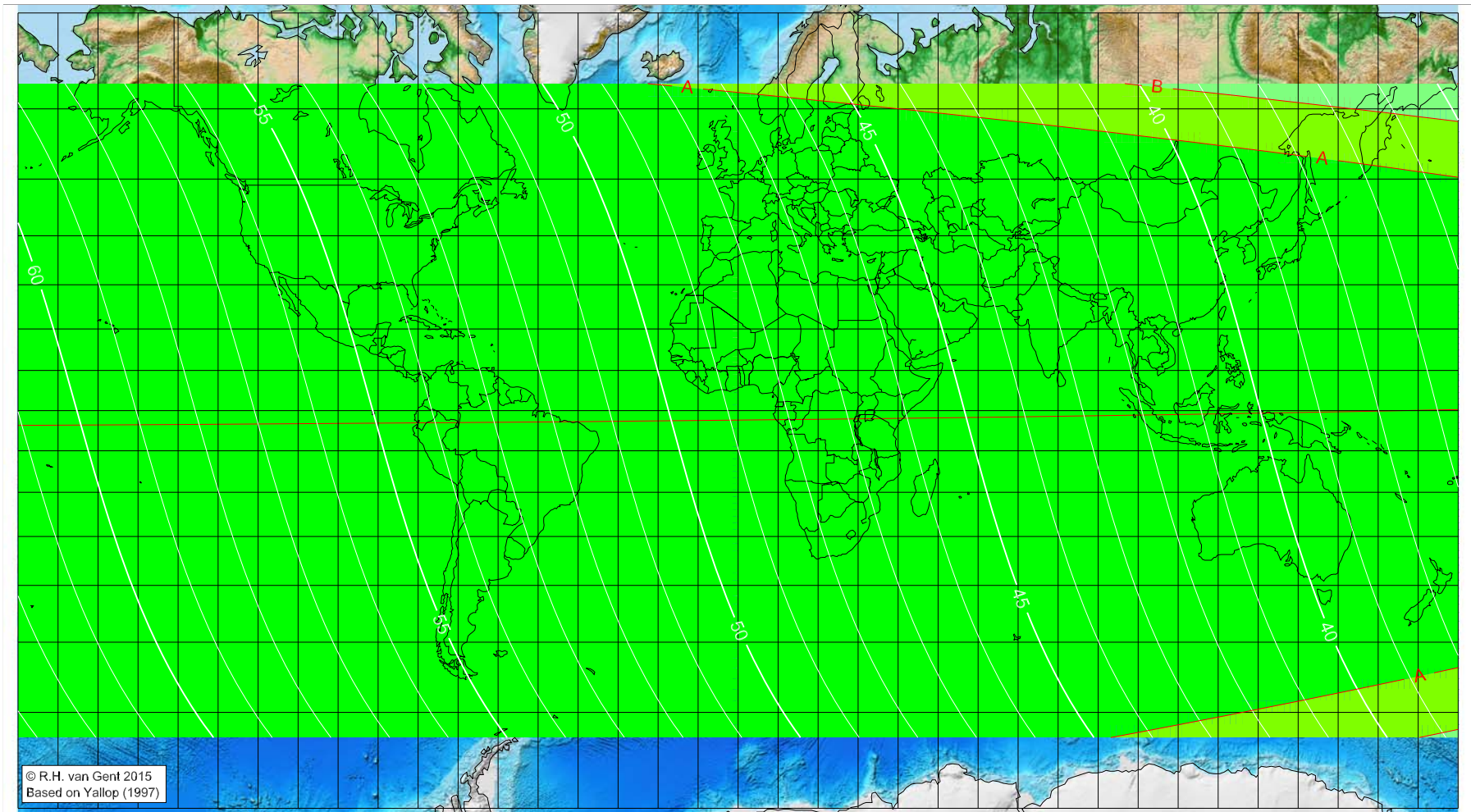
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Şafar 1438 AH

Global visibility map for 1 November 2016 [Tuesday]  
Second day after luni-solar conjunction



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

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