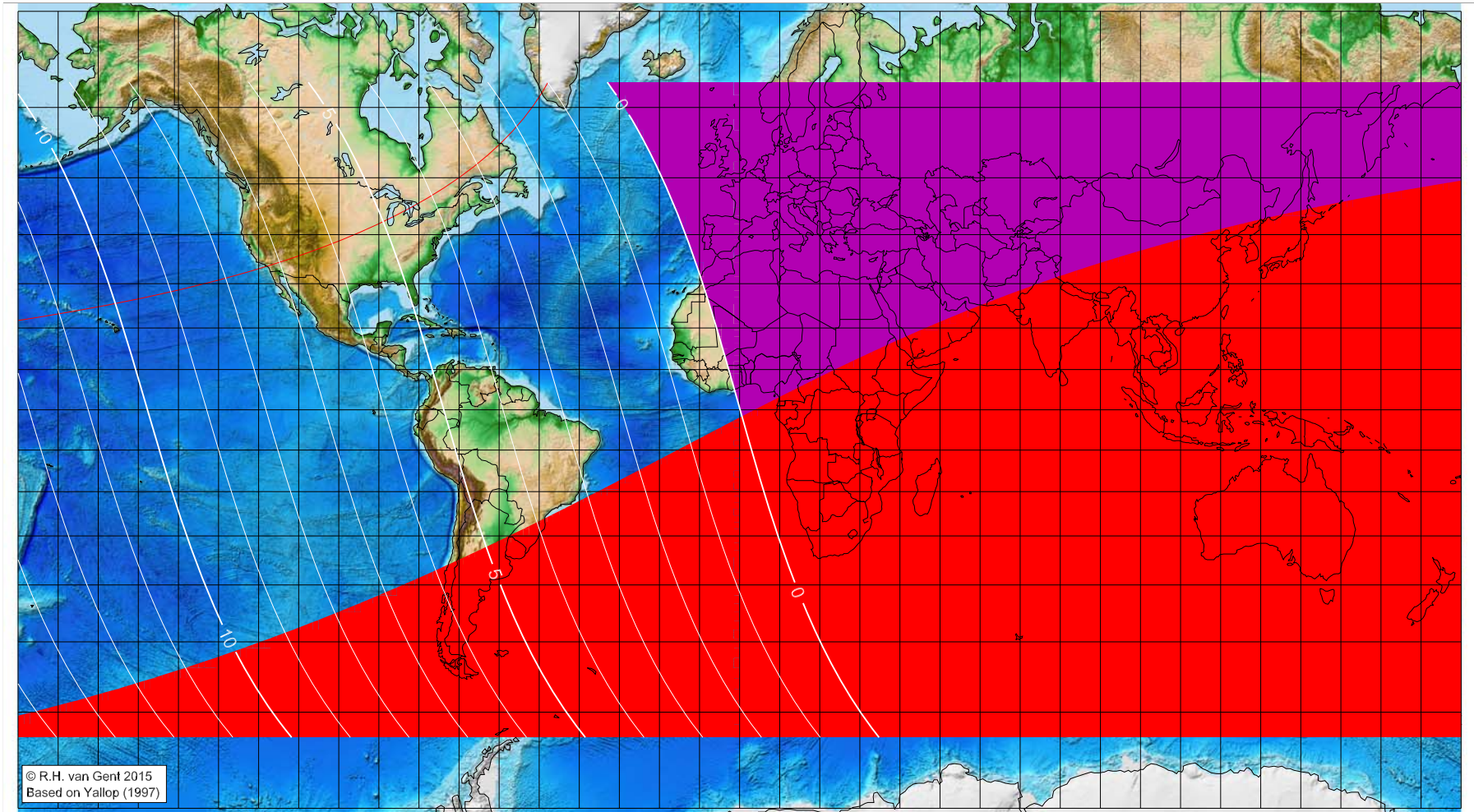


# First visibility lunar crescent for Şafar 1437 AH

Global visibility map for 11 November 2015 [Wednesday]  
Day of luni-solar conjunction



Astronomical New Moon: 11 November 2015, 17h 47.2m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1149  
Islamic Lunation Number = 17234  
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)

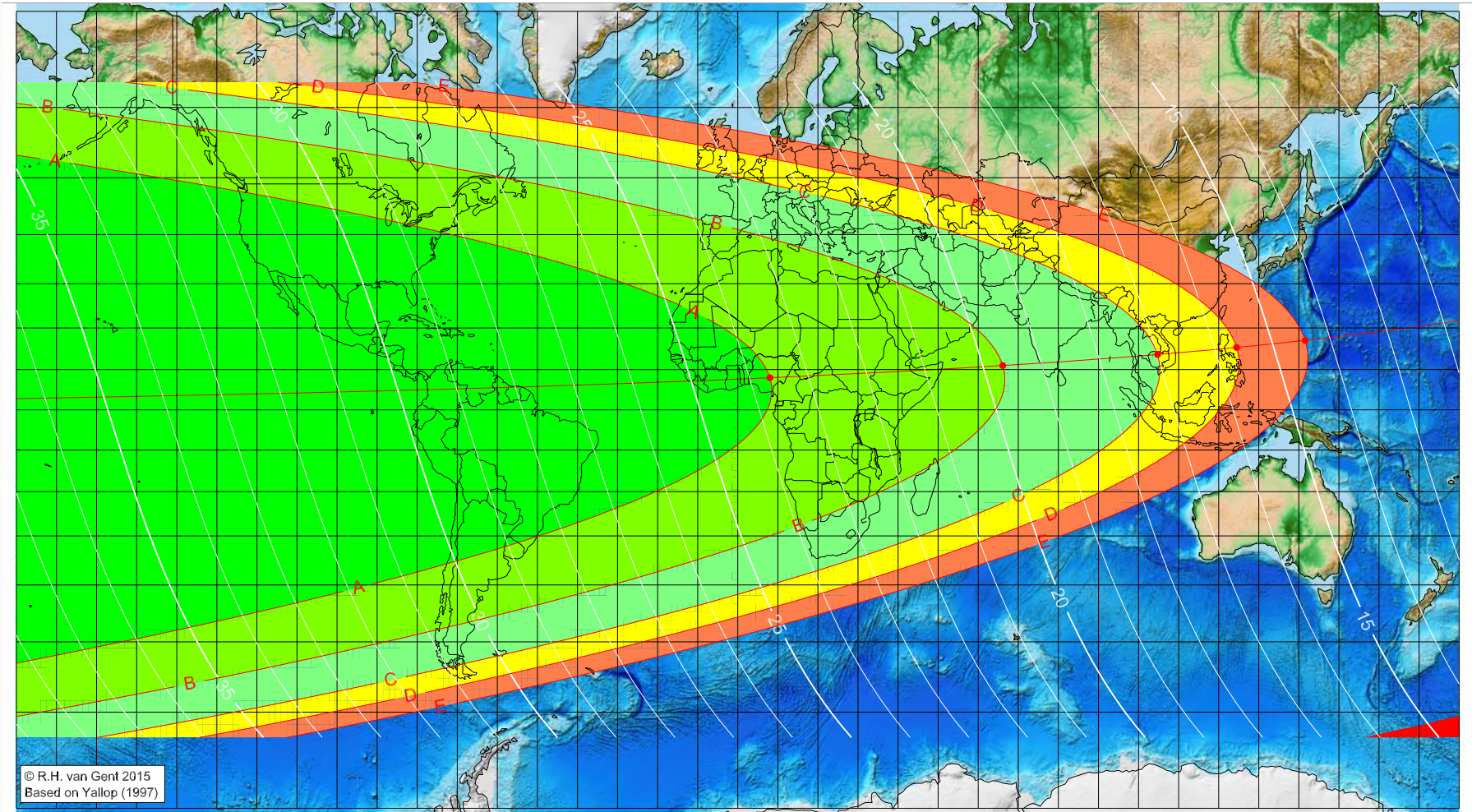
| Longitude (°) | Latitude (°) | Lunar age (h)                      |
|---------------|--------------|------------------------------------|
|               |              | not visible until the next evening |
|               |              | not visible until the next evening |
|               |   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

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 1437 AH

Global visibility map for 12 November 2015 [Thursday]  
Day after luni-solar conjunction



Astronomical New Moon: 11 November 2015, 17h 47.2m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1149

Islamic Lunation Number = 17234

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) |
|---------------|--------------|---------------|
| 8.03          | 7.97         | 23.65         |
| 66.11         | 10.98        | 19.66         |
| 104.76        | 13.69        | 16.99         |
| 124.47        | 15.37        | 15.62         |
| 141.58        | 17.05        | 14.43         |

■ moonset before sunset

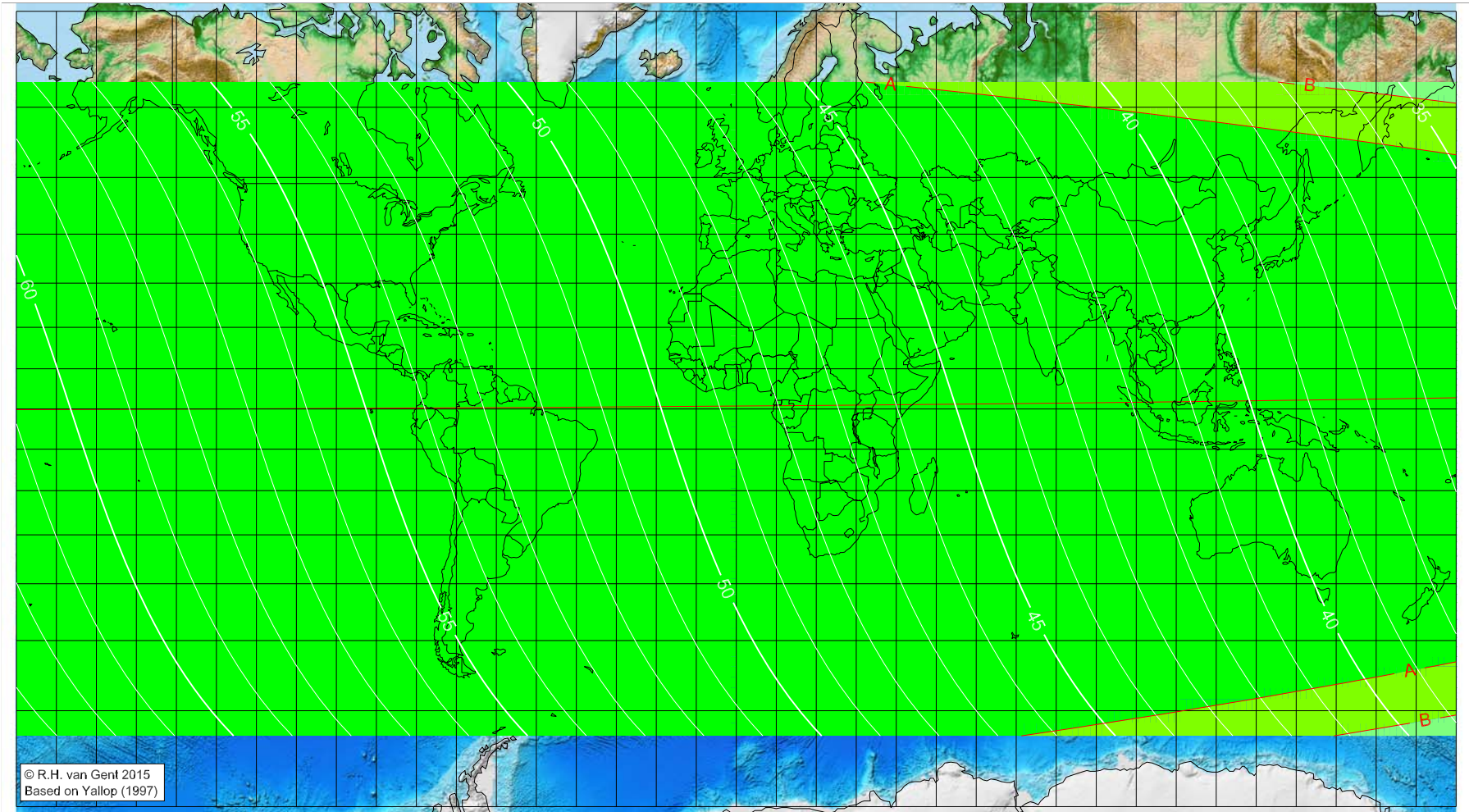
■ before conjunction (astronomical new moon)

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



# First visibility lunar crescent for Şafar 1437 AH

Global visibility map for 13 November 2015 [Friday]  
Second day after luni-solar conjunction



Astronomical New Moon: 11 November 2015, 17h 47.2m (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 = 1149  
Islamic Lunation Number = 17234  
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/>