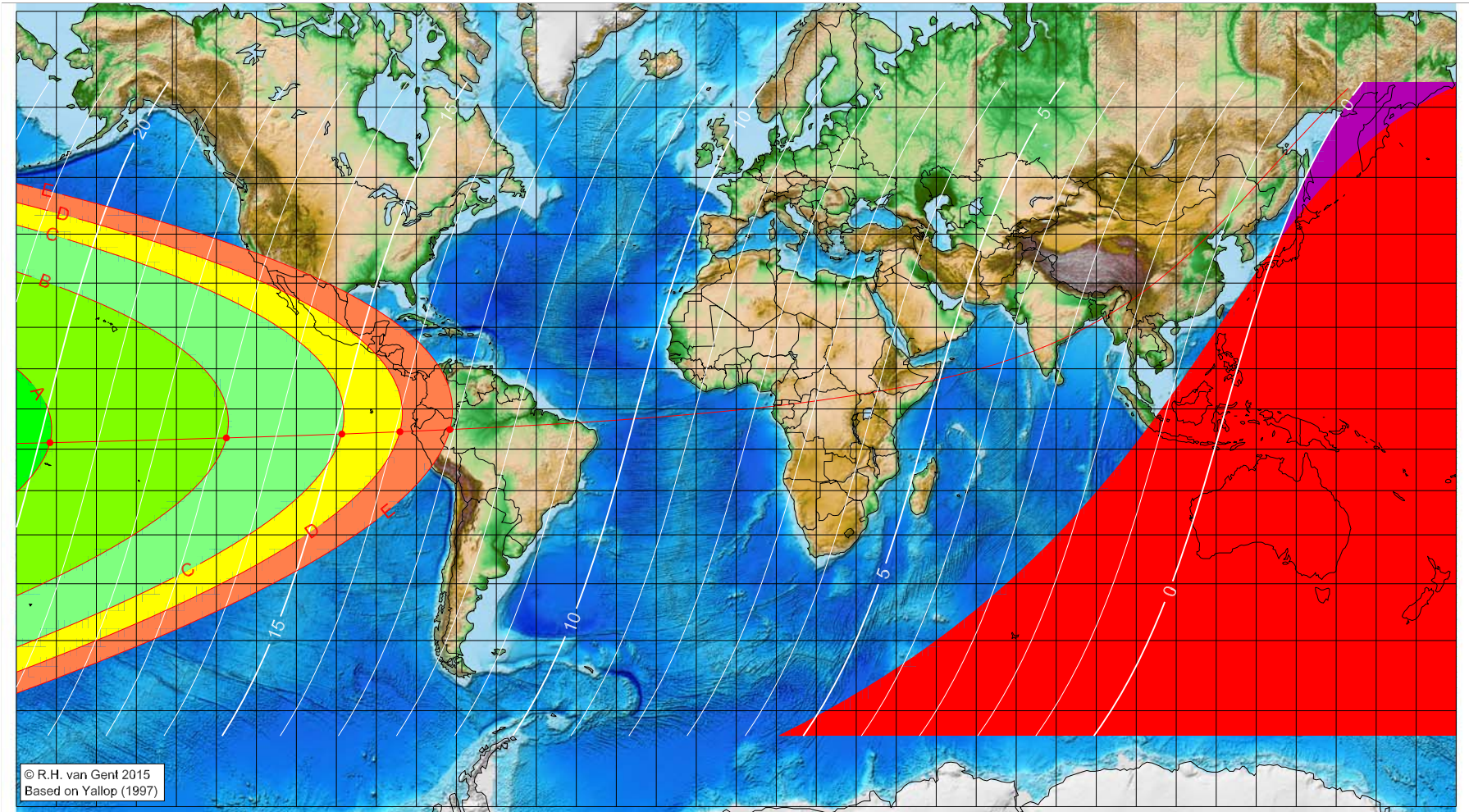


# First visibility lunar crescent for Dhu 'l-Hijja 1439 AH

Global visibility map for 11 August 2018 [Saturday]  
Day of luni-solar conjunction



Astronomical New Moon: 11 August 2018, 9h 57.7m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1183

Islamic Lunation Number = 17268

TT - UT [= ΔT] = 1.2 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)
-171.62	-8.40	19.81
-127.51	-7.22	16.84
-98.63	-6.26	14.89
-84.10	-5.69	13.92
-71.62	-5.14	13.08

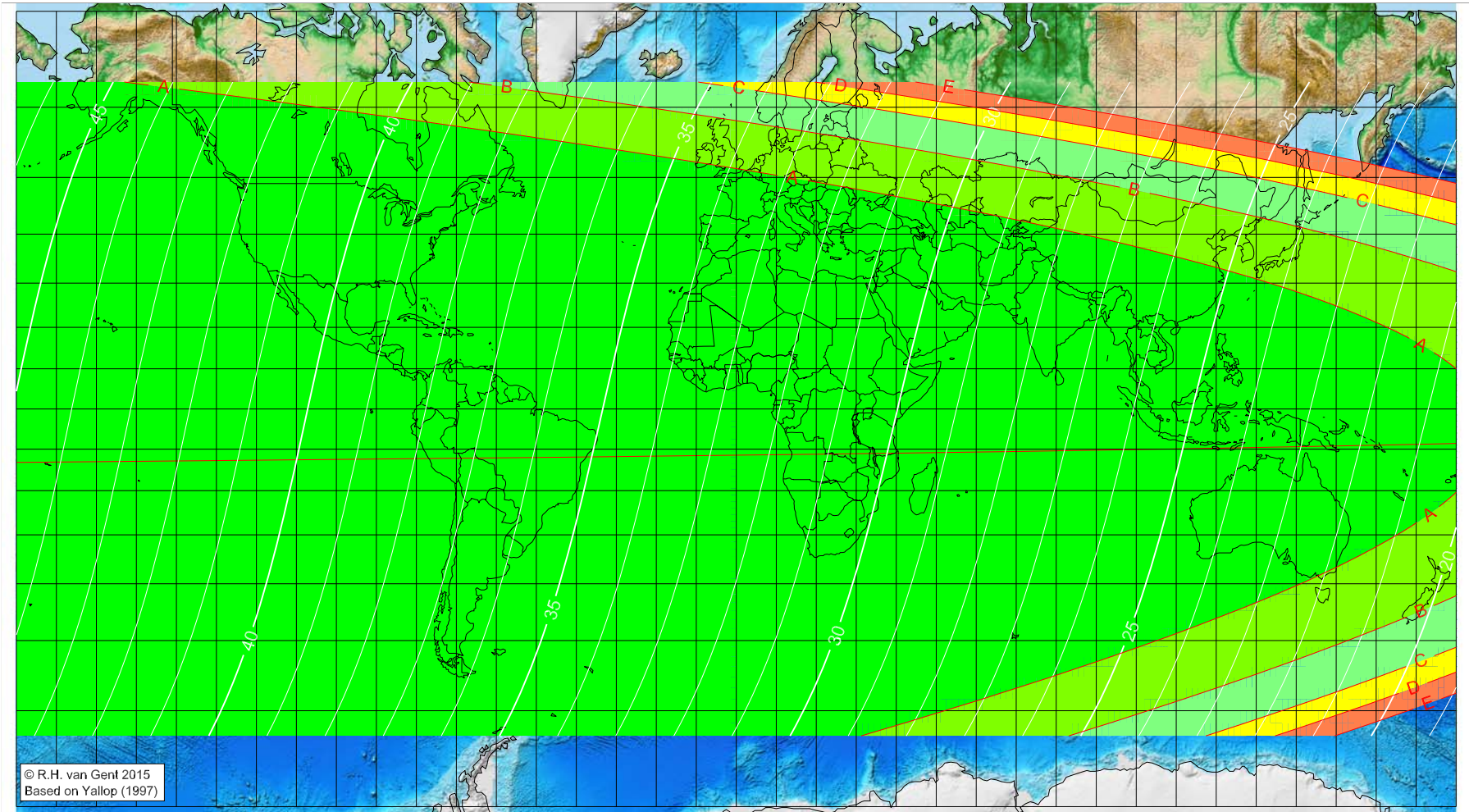
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Dhu 'l-Hijja 1439 AH

Global visibility map for 12 August 2018 [Sunday]  
Day after luni-solar conjunction



Astronomical New Moon: 11 August 2018, 9h 57.7m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1183

Islamic Lunation Number = 17268

TT - UT [= ΔT] = 1.2 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

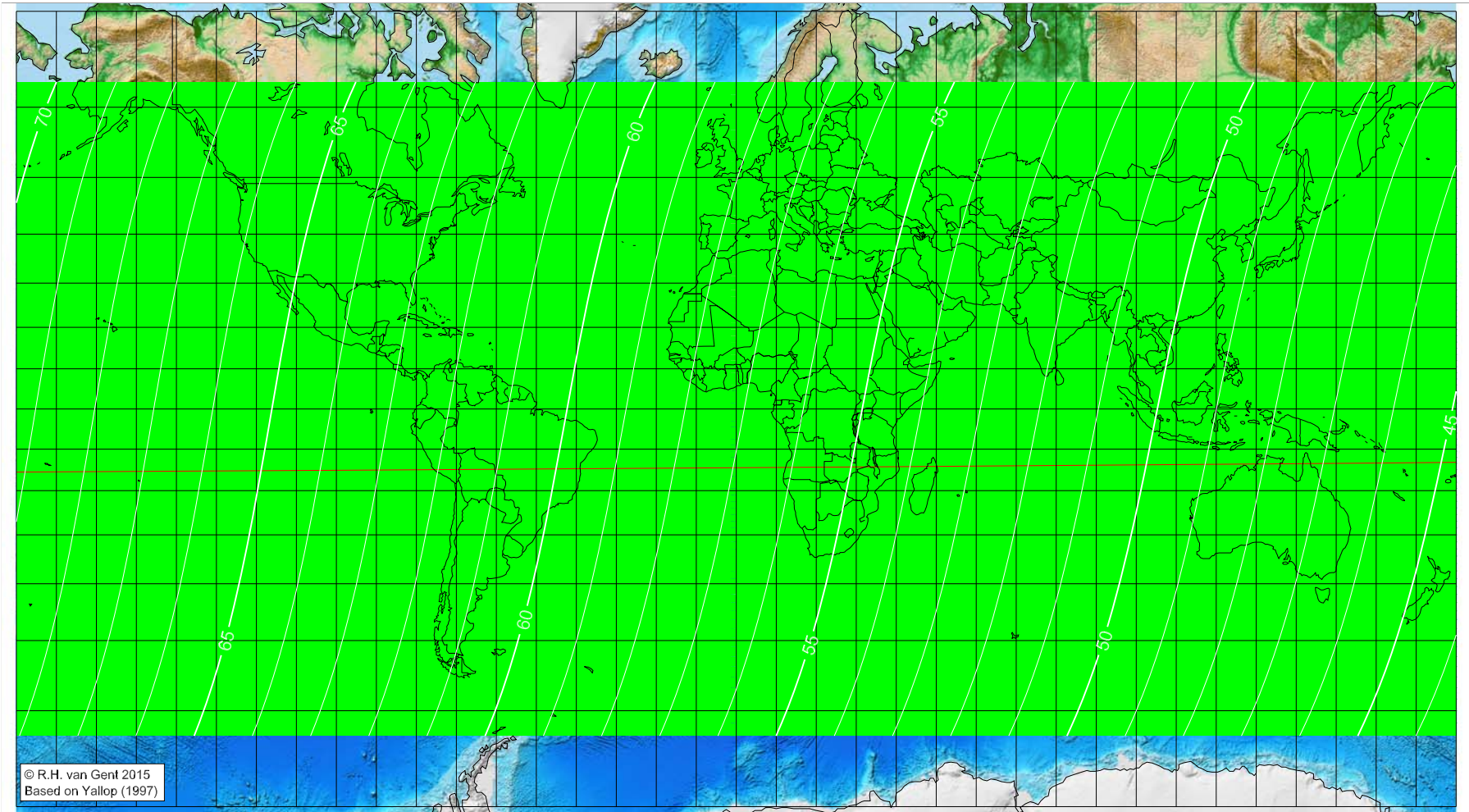
■ before conjunction (astronomical new moon)

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  
 visible on the previous evening

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

# First visibility lunar crescent for Dhu 'l-Hijja 1439 AH

Global visibility map for 13 August 2018 [Monday]  
Second day after luni-solar conjunction



Astronomical New Moon: 11 August 2018, 9h 57.7m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1183  
Islamic Lunation Number = 17268  
TT – UT [=  $\Delta T$ ] = 1.2 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/>