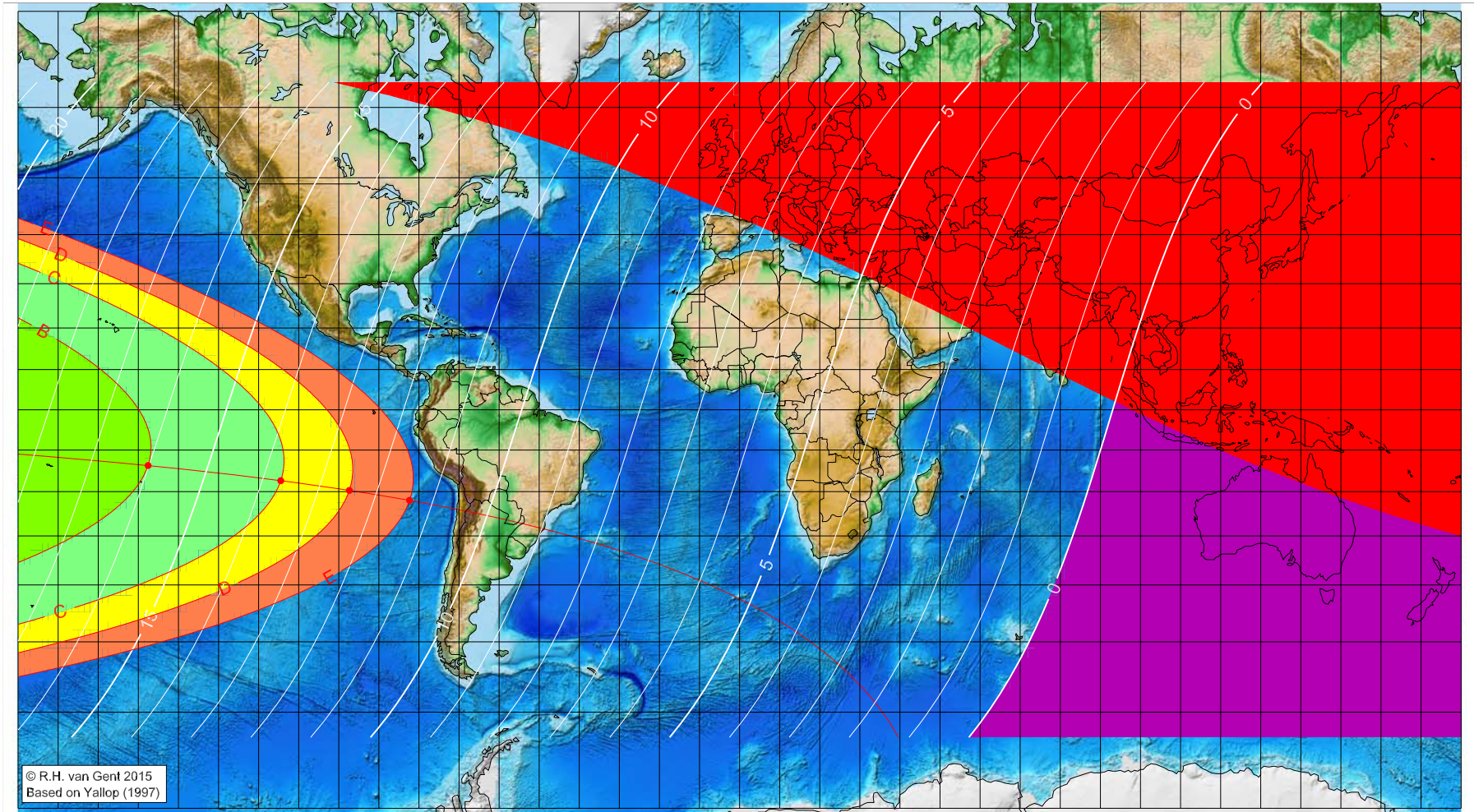


# First visibility lunar crescent for Ramaḍān 1439 AH

Global visibility map for 15 May 2018 [Tuesday]  
Day of luni-solar conjunction



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

Astronomical New Moon: 15 May 2018, 11h 47.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1180  
Islamic Lunation Number = 17265  
TT - UT [= ΔT] = 1.2 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°)

Longitude (°)	Latitude (°)	Lunar age (h)
-147.57	-13.78	16.02
-114.47	-17.42	13.69
-97.37	-19.72	12.47
-82.35	-22.03	11.40

Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

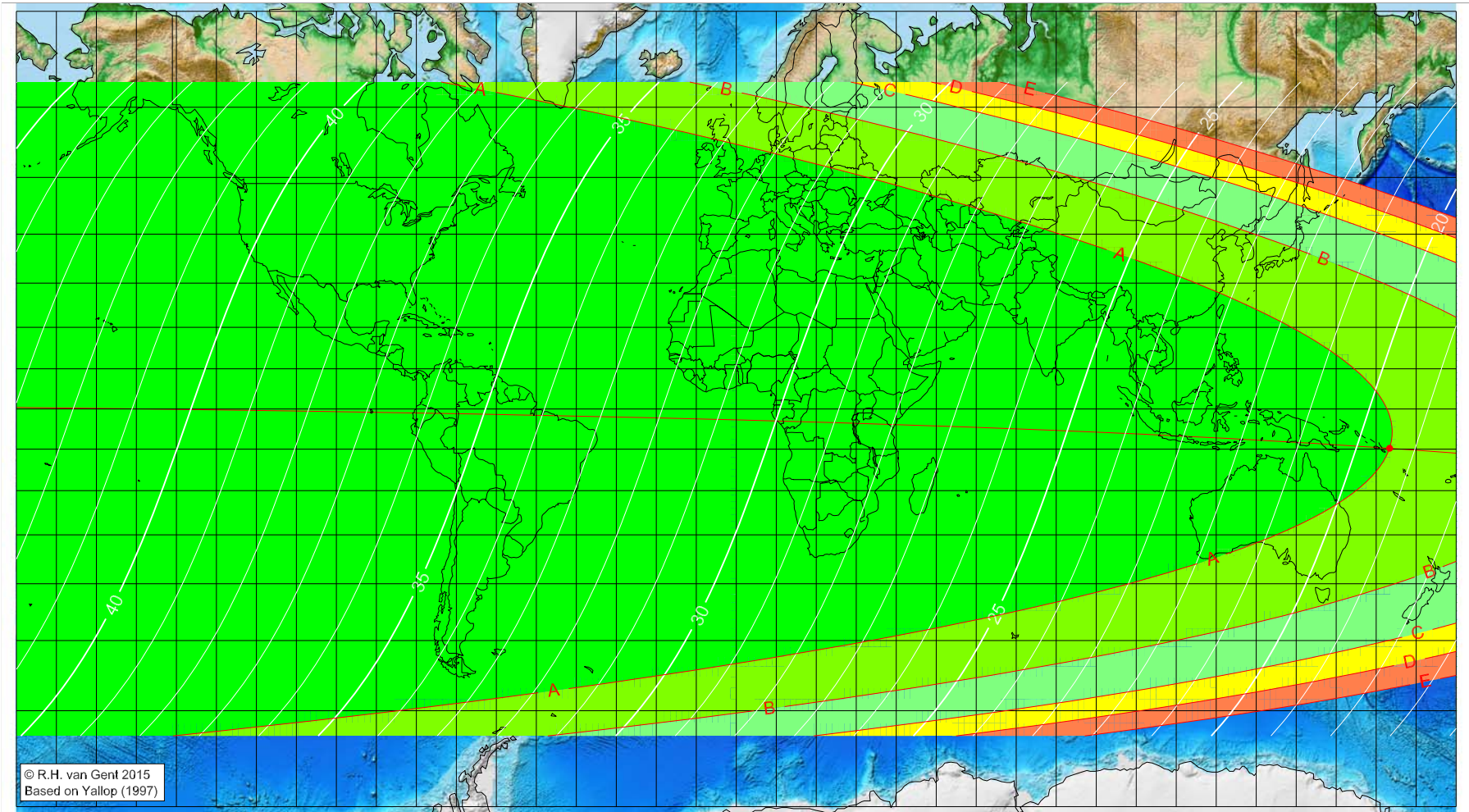
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Ramaḍān 1439 AH

Global visibility map for 16 May 2018 [Wednesday]  
Day after luni-solar conjunction



Astronomical New Moon: 15 May 2018, 11h 47.8m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
163.36	-9.78	19.43

visible on the previous evening  
visible on the previous evening  
visible on the previous evening

Astronomical (Brown) Lunation Number = 1180  
Islamic Lunation Number = 17265  
TT - UT [= ΔT] = 1.2 min

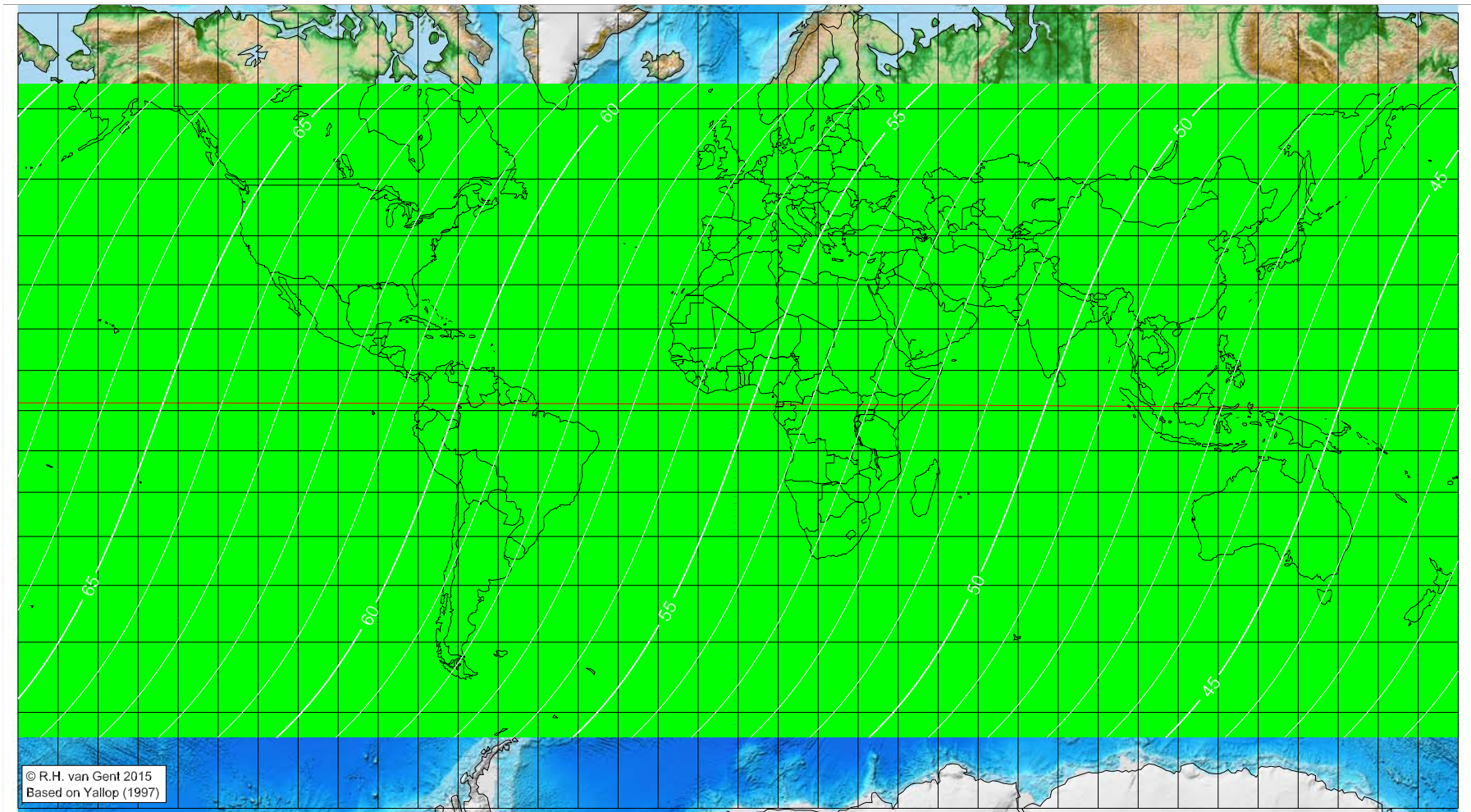
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

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 Ramaḍān 1439 AH

Global visibility map for 17 May 2018 [Thursday]  
Second day after luni-solar conjunction



Astronomical New Moon: 15 May 2018, 11h 47.8m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1180  
Islamic Lunation Number = 17265  
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>