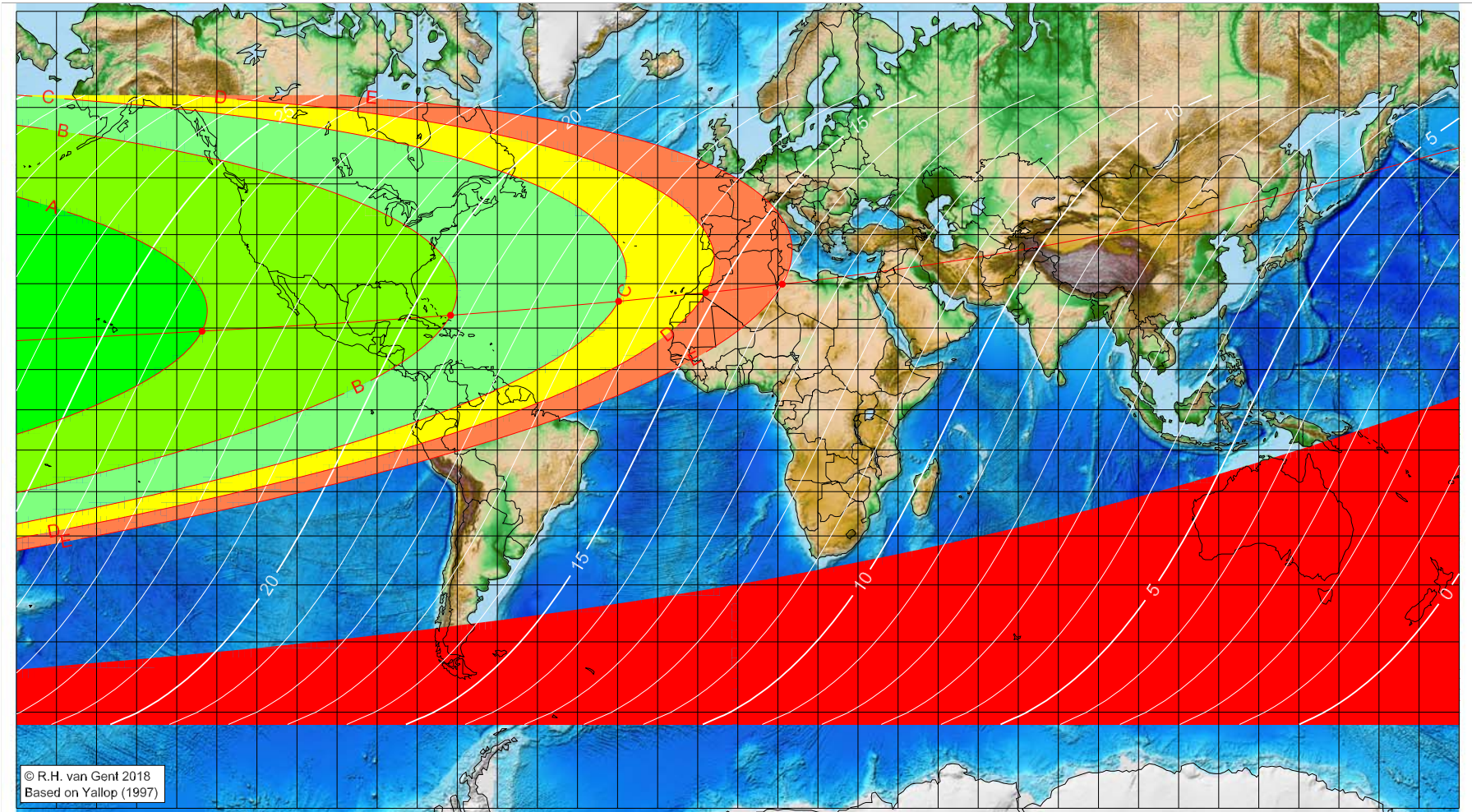


# First visibility lunar crescent for Dhu 'l-Hijja 1444 AH

Global visibility map for 18 June 2023 [Sunday]  
Day of luni-solar conjunction



Astronomical New Moon: 18 June 2023, 4h 37.0m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1243

Islamic Lunation Number = 17328

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

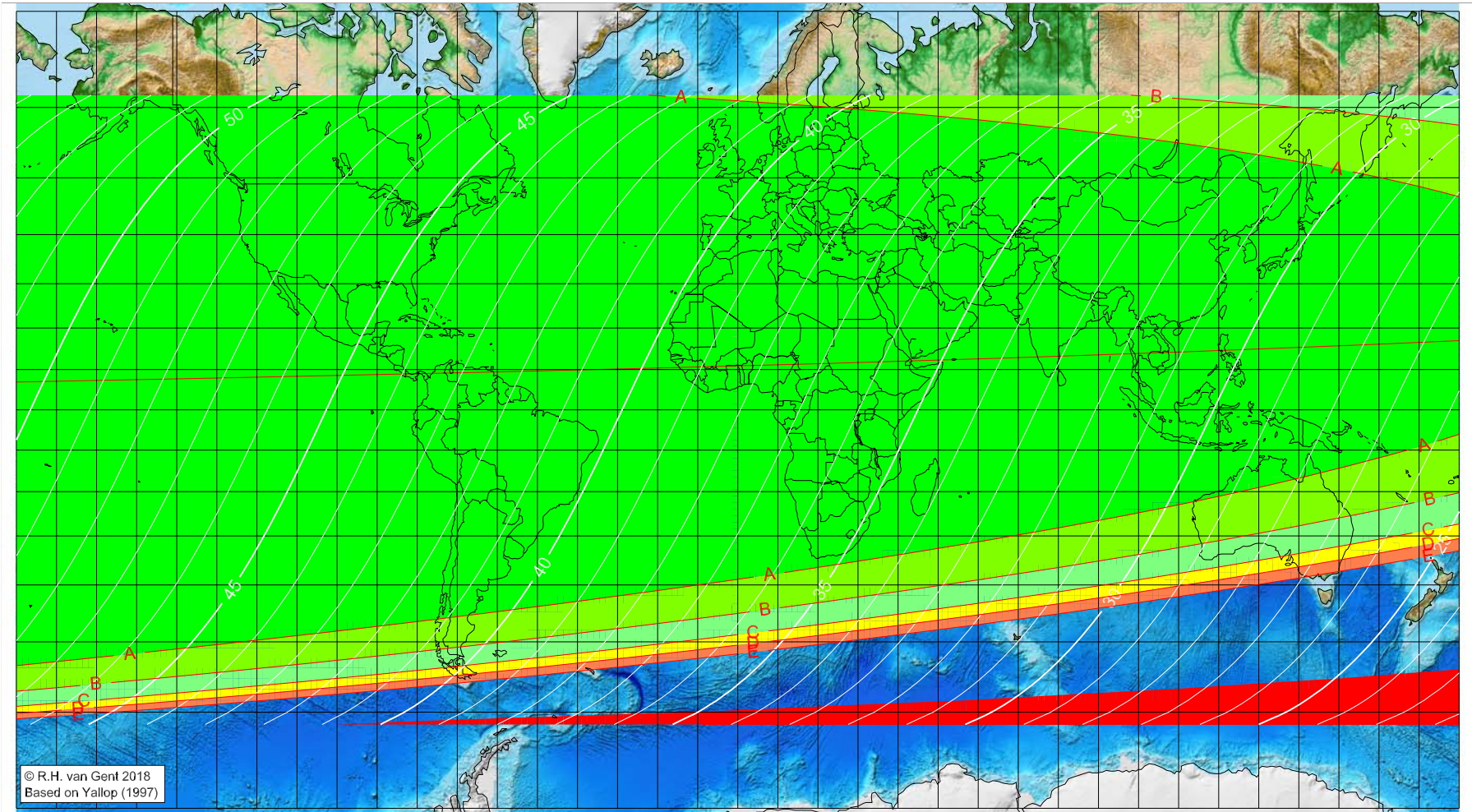
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
-133.69	19.23	23.36
-71.66	22.95	19.30
-29.73	26.12	16.58
-8.01	28.03	15.19
11.11	29.89	13.98

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

# First visibility lunar crescent for Dhu 'l-Hijja 1444 AH

Global visibility map for 19 June 2023 [Monday]  
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 18 June 2023, 4h 37.0m (UTC)

First visibility (•)

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

Astronomical (Brown) Lunation Number = 1243  
Islamic Lunation Number = 17328  
TT - UT [= ΔT] = 1.2 min

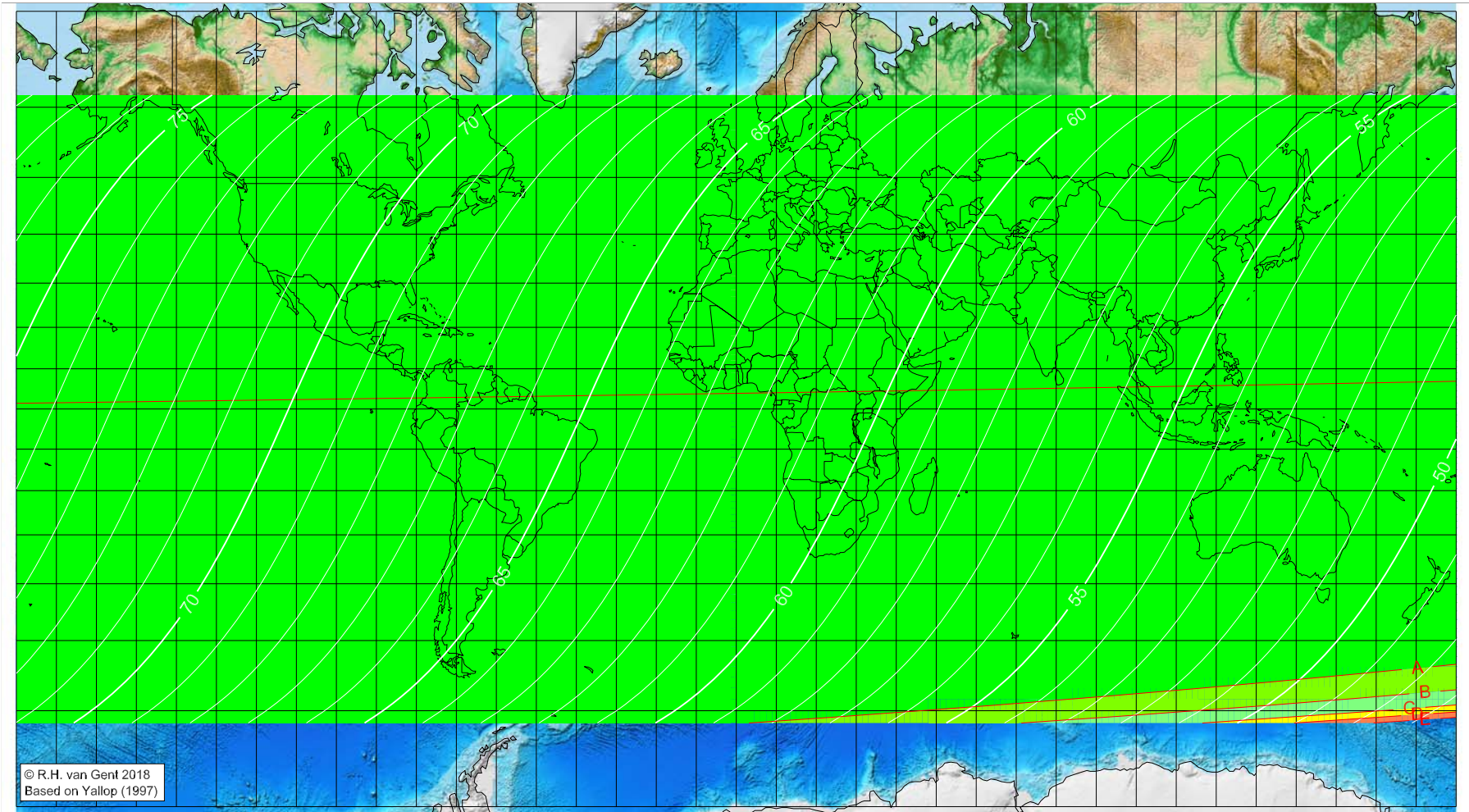
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

- 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)

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

# First visibility lunar crescent for Dhu 'l-Hijja 1444 AH

Global visibility map for 20 June 2023 [Tuesday]  
Second day after luni-solar conjunction



Astronomical New Moon: 18 June 2023, 4h 37.0m (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 = 1243  
Islamic Lunation Number = 17328  
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>