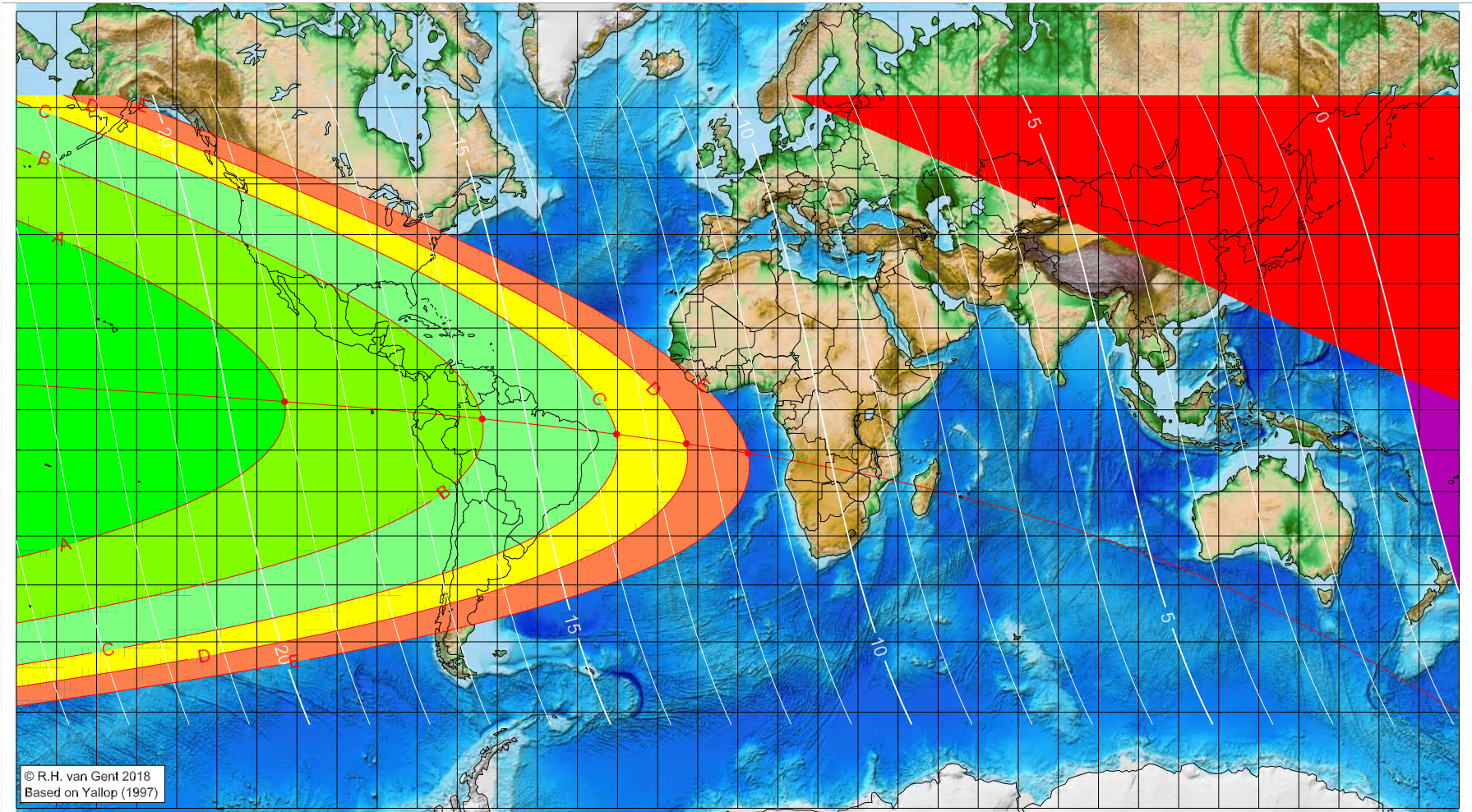


# First visibility lunar crescent for Sha'bān 1444 AH

Global visibility map for 20 February 2023 [Monday]  
Day of luni-solar conjunction



Astronomical New Moon: 20 February 2023, 7h 5.8m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1239

Islamic Lunation Number = 17324

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

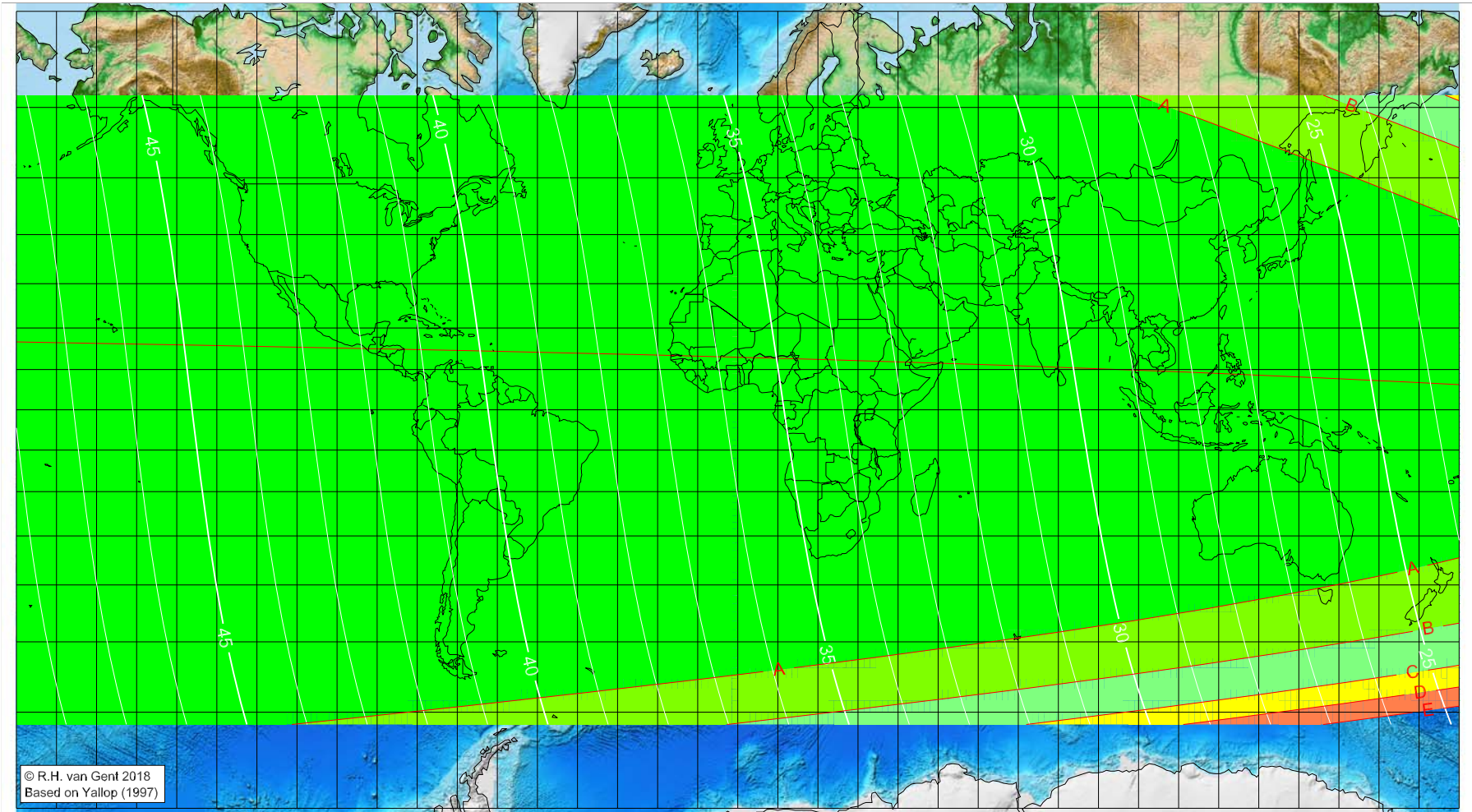
■ before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-113.12	2.04	19.04
-63.78	-2.27	15.75
-30.27	-6.07	13.53
-12.84	-8.41	12.38
2.56	-10.74	11.37

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

# First visibility lunar crescent for Sha'bān 1444 AH

Global visibility map for 21 February 2023 [Tuesday]  
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 20 February 2023, 7h 5.8m (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 = 1239  
Islamic Lunation Number = 17324  
TT - UT [= ΔT] = 1.2 min

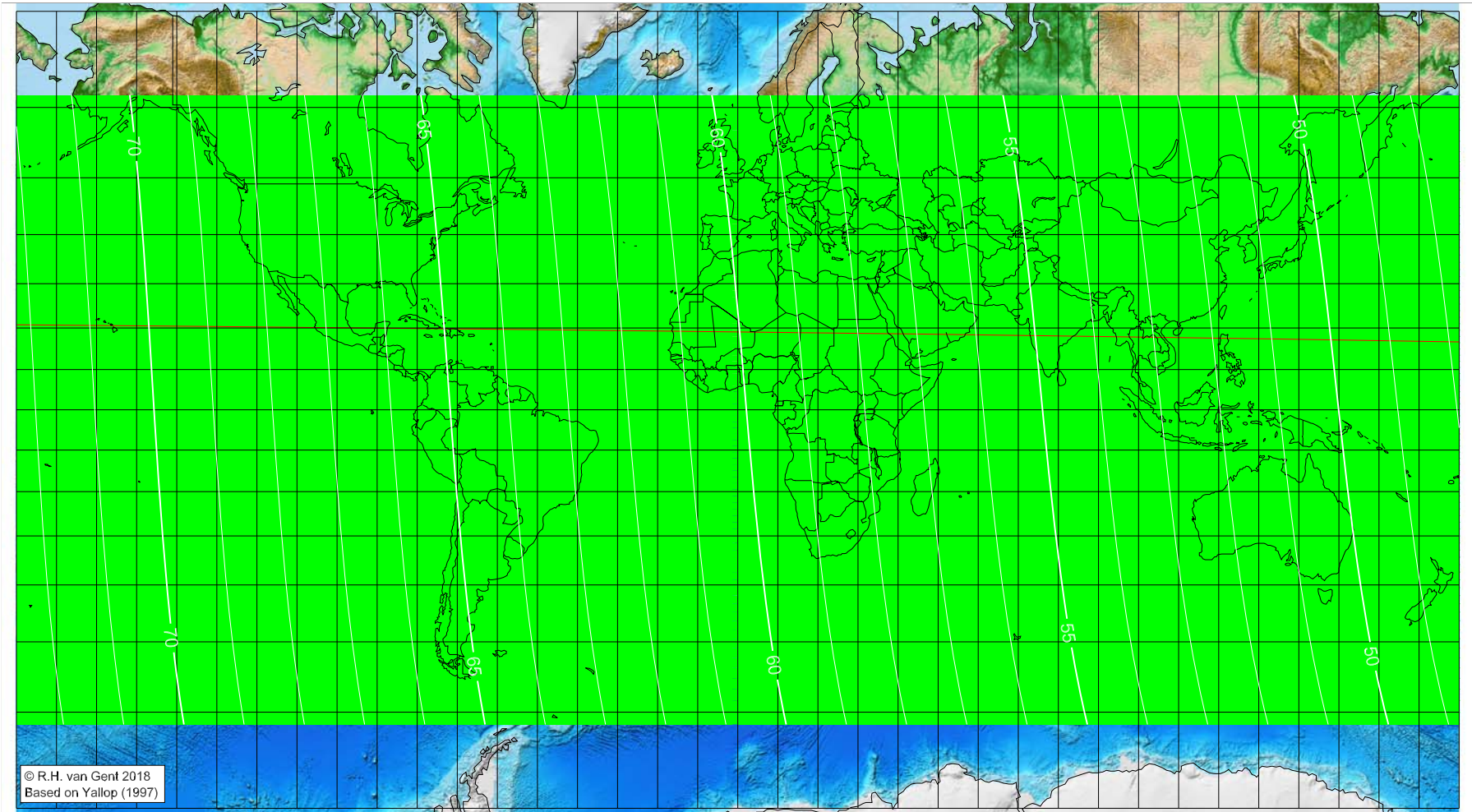
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

- 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 Sha'bān 1444 AH

Global visibility map for 22 February 2023 [Wednesday]  
Second day after luni-solar conjunction



Astronomical New Moon: 20 February 2023, 7h 5.8m (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 = 1239  
Islamic Lunation Number = 17324  
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>