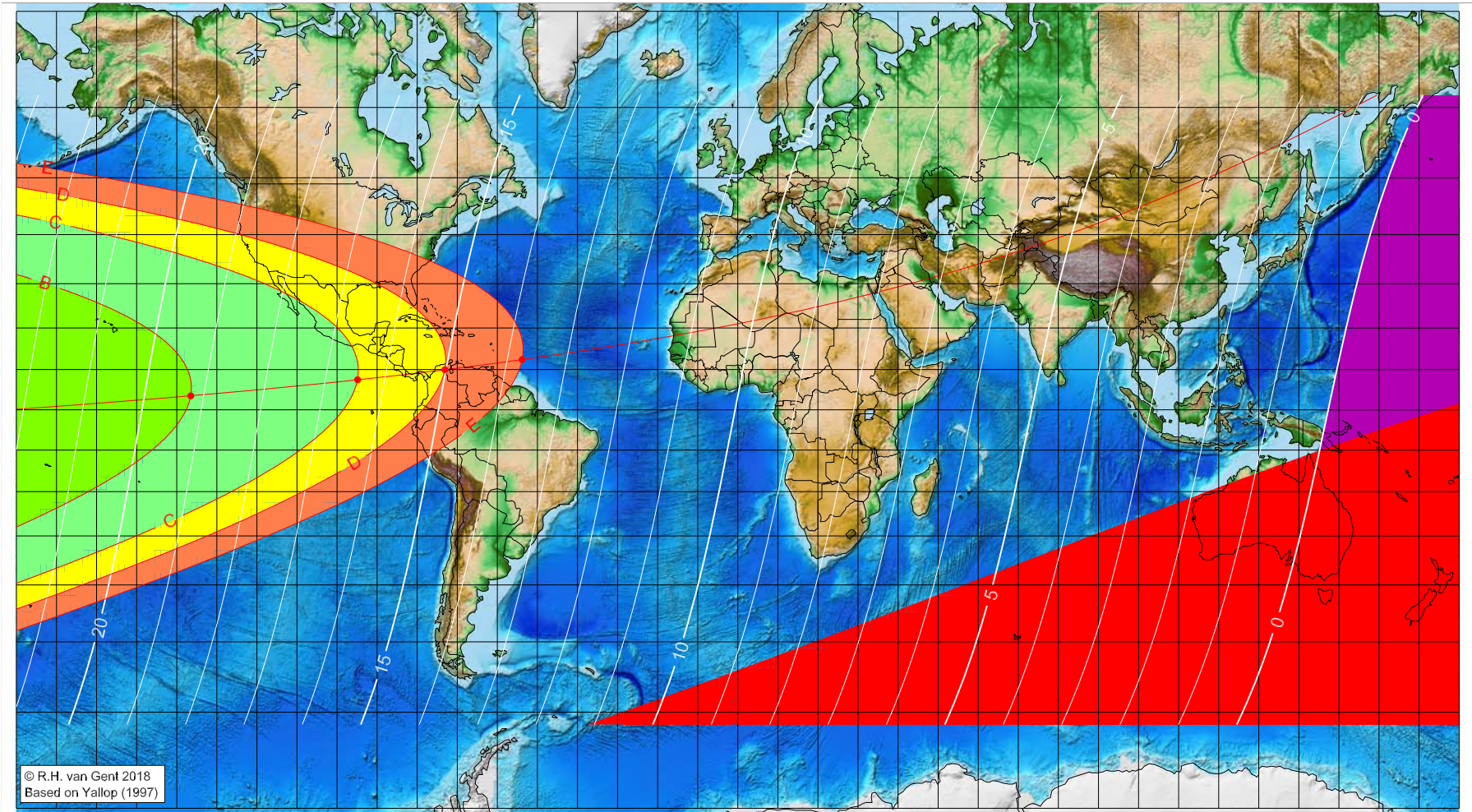


First visibility lunar crescent for Şafar 1444 AH

Global visibility map for 27 August 2022 [Saturday]
Day of luni-solar conjunction



Astronomical New Moon: 27 August 2022, 8h 17.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1233

Islamic Lunation Number = 17318

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

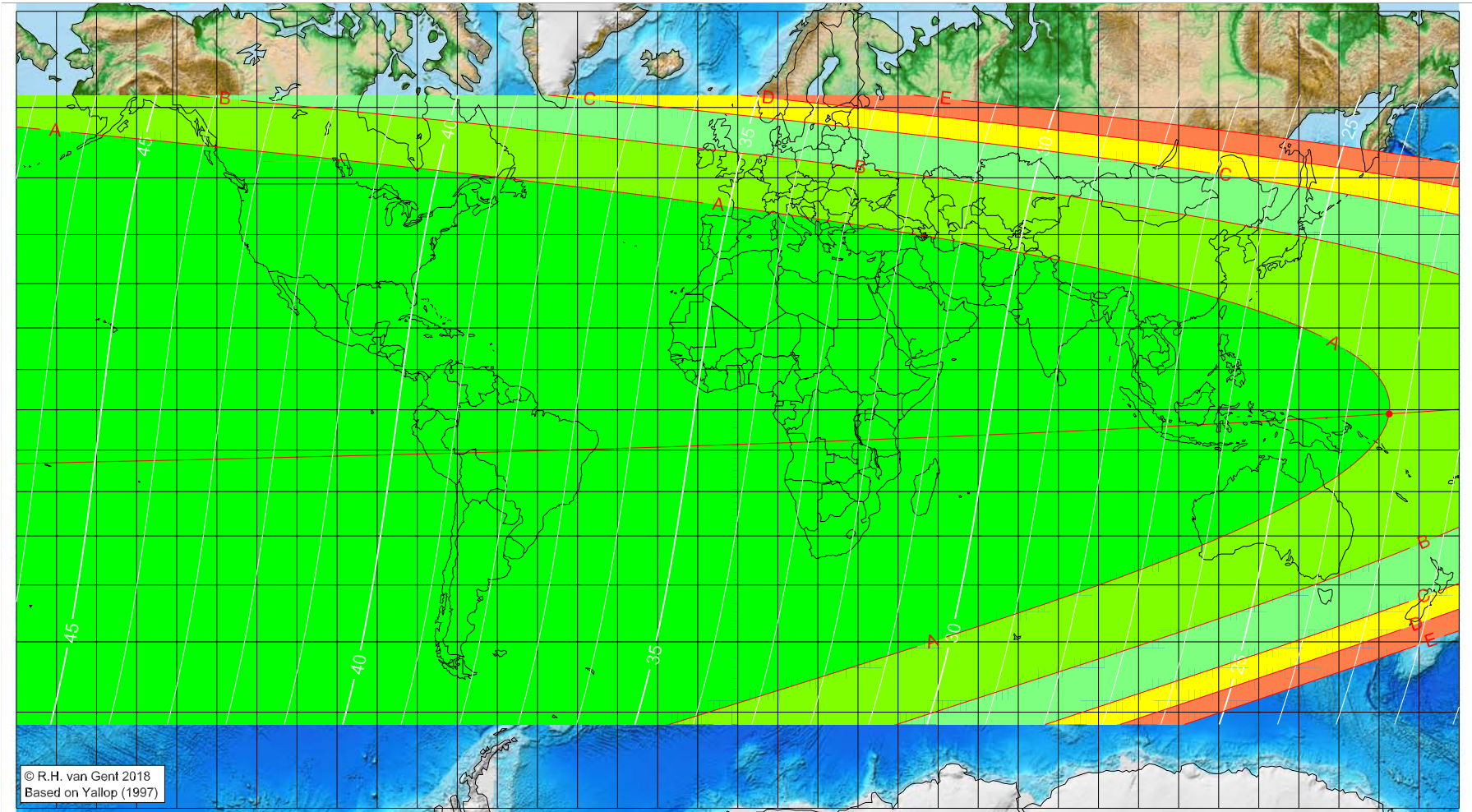
■ before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-136.50	3.48	19.22
-94.86	7.48	16.46
-73.09	9.96	15.02
-53.81	12.43	13.75

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

First visibility lunar crescent for Şafar 1444 AH

Global visibility map for 28 August 2022 [Sunday]
Day after luni-solar conjunction



Astronomical New Moon: 27 August 2022, 8h 17.1m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
162.55	-1.03	23.28
visible on the previous evening		
visible on the previous evening		
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1233
Islamic Lunation Number = 17318
TT - UT [= ΔT] = 1.2 min

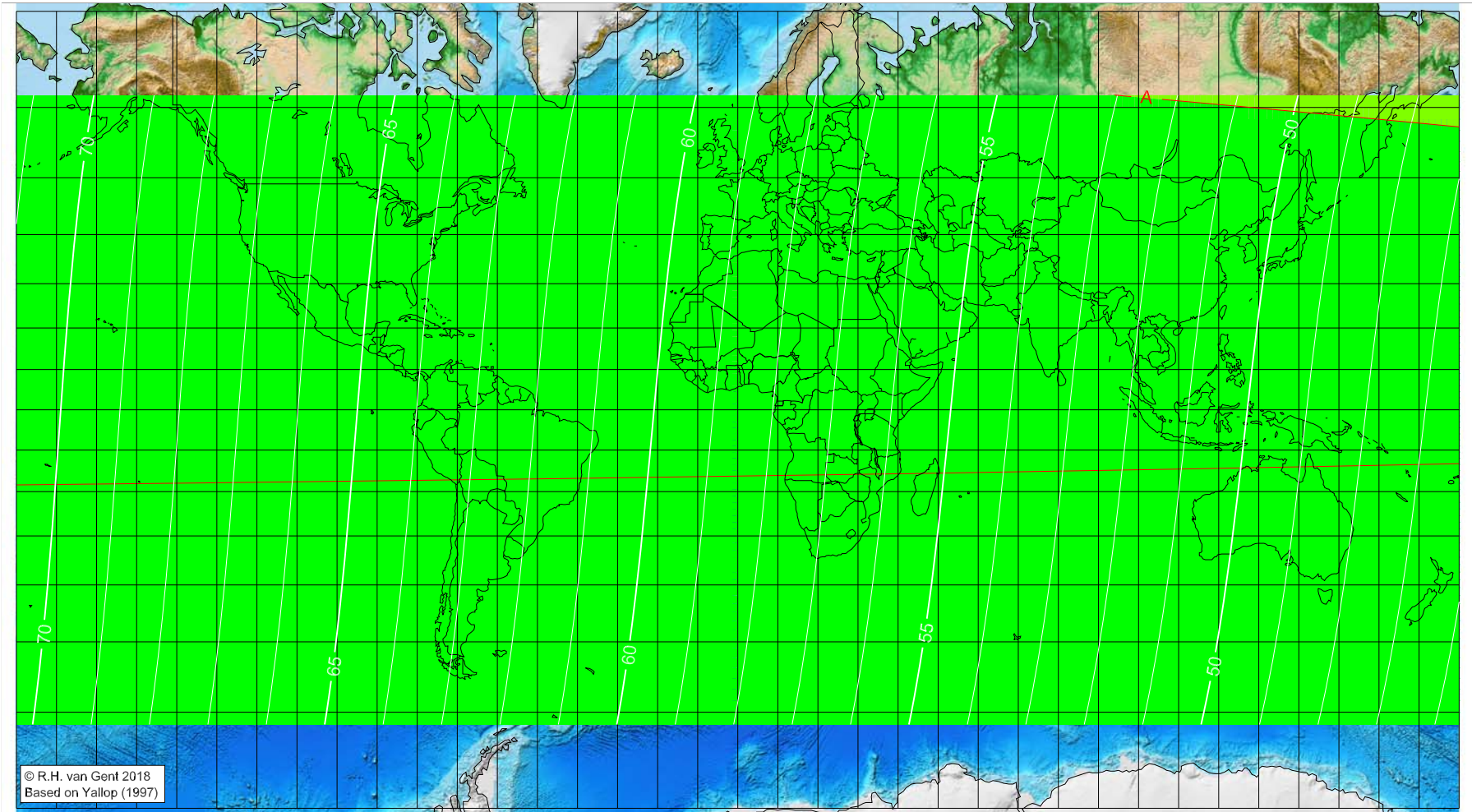
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset 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 Şafar 1444 AH

Global visibility map for 29 August 2022 [Monday]
Second day after luni-solar conjunction



Astronomical New Moon: 27 August 2022, 8h 17.1m (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 = 1233
Islamic Lunation Number = 17318
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>