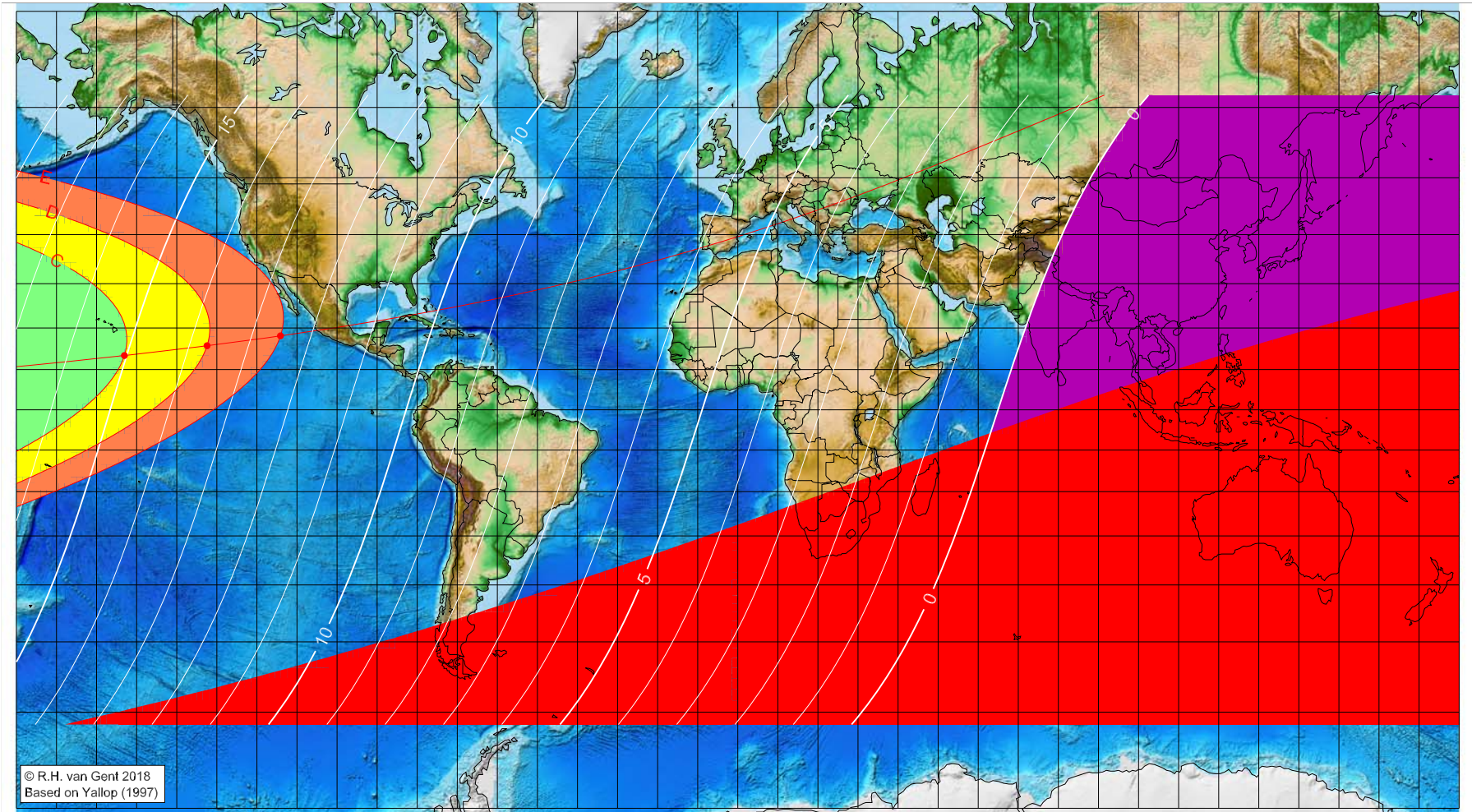


First visibility lunar crescent for Muḥarram 1443 AH

Global visibility map for 8 August 2021 [Sunday]
Day of luni-solar conjunction



Astronomical New Moon: 8 August 2021, 13h 50.2m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1220
Islamic Lunation Number = 17305
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)
-153.06	13.42	15.04
-132.43	15.79	13.70
-114.12	18.14	12.51

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

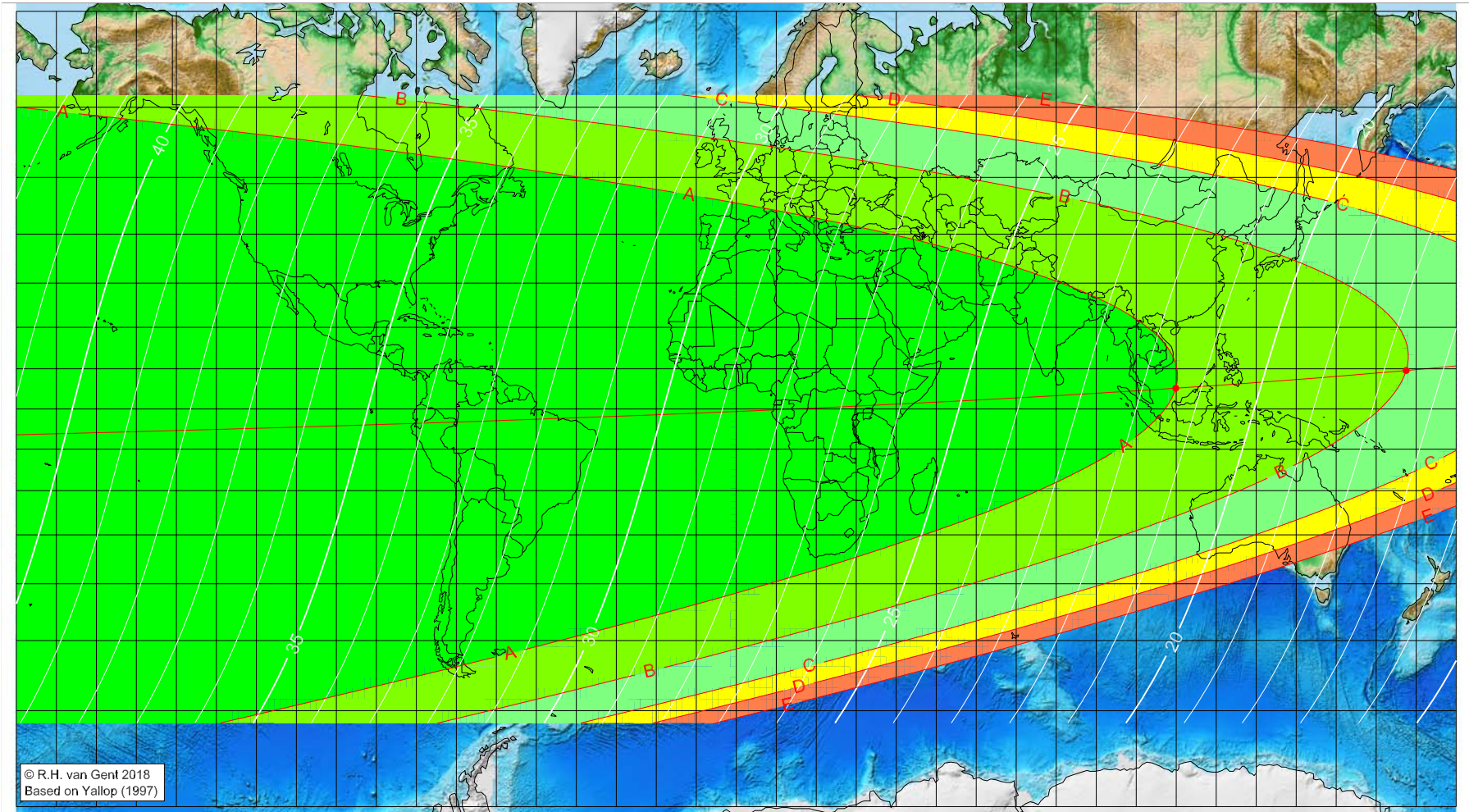
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Muḥarram 1443 AH

Global visibility map for 9 August 2021 [Monday]
Day after luni-solar conjunction



Astronomical New Moon: 8 August 2021, 13h 50.2m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1220

Islamic Lunation Number = 17305

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)

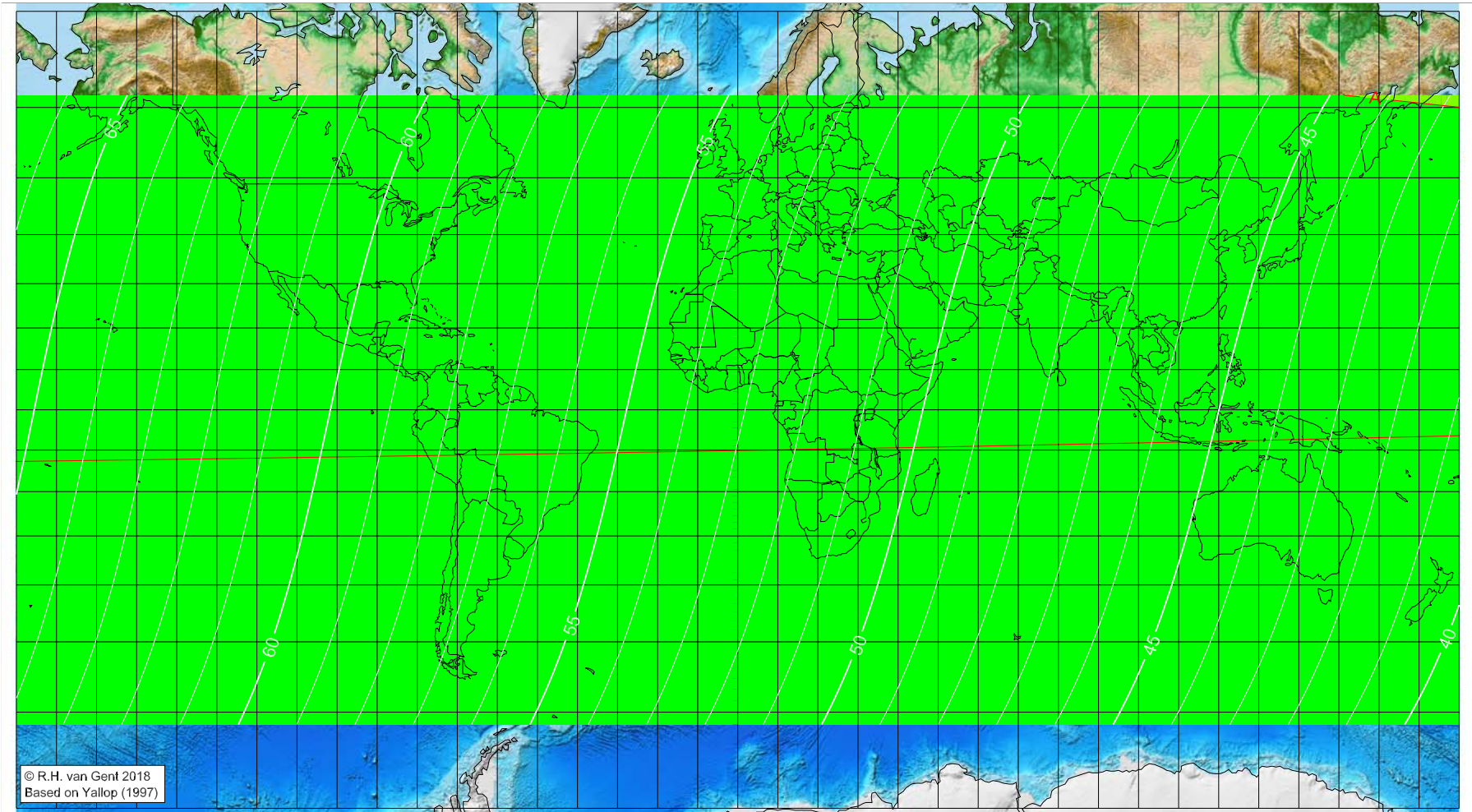
Longitude (°)	Latitude (°)	Lunar age (h)
109.90	5.18	21.43
167.50	9.57	17.62
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening

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 Muḥarram 1443 AH

Global visibility map for 10 August 2021 [Tuesday]
Second day after luni-solar conjunction



Astronomical New Moon: 8 August 2021, 13h 50.2m (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 = 1220
Islamic Lunation Number = 17305
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

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