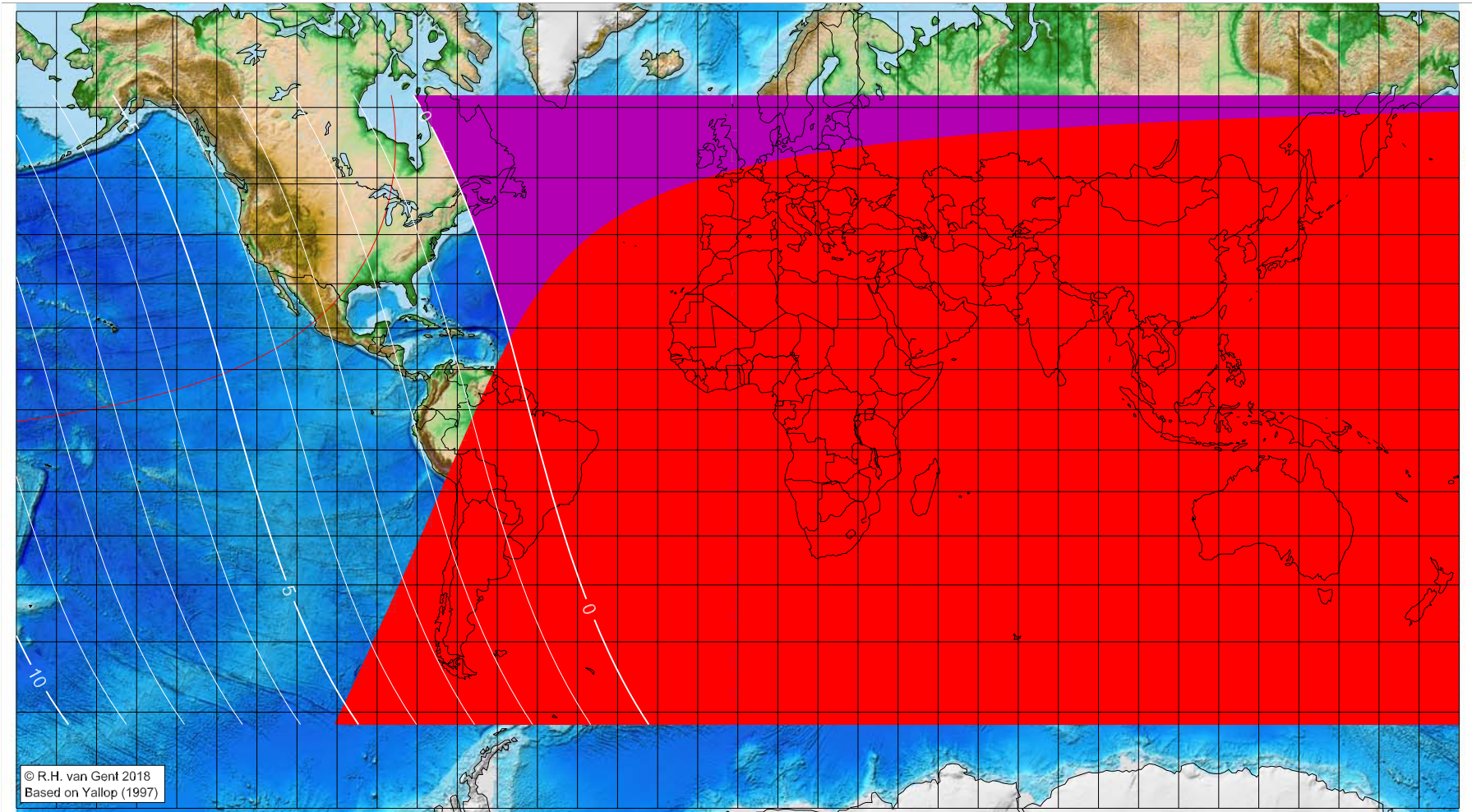


First visibility lunar crescent for Rabī' al-Ākhir 1443 AH

Global visibility map for 4 November 2021 [Thursday]
Day of luni-solar conjunction



Astronomical New Moon: 4 November 2021, 21h 14.6m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1223
Islamic Lunation Number = 17308
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)
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening

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

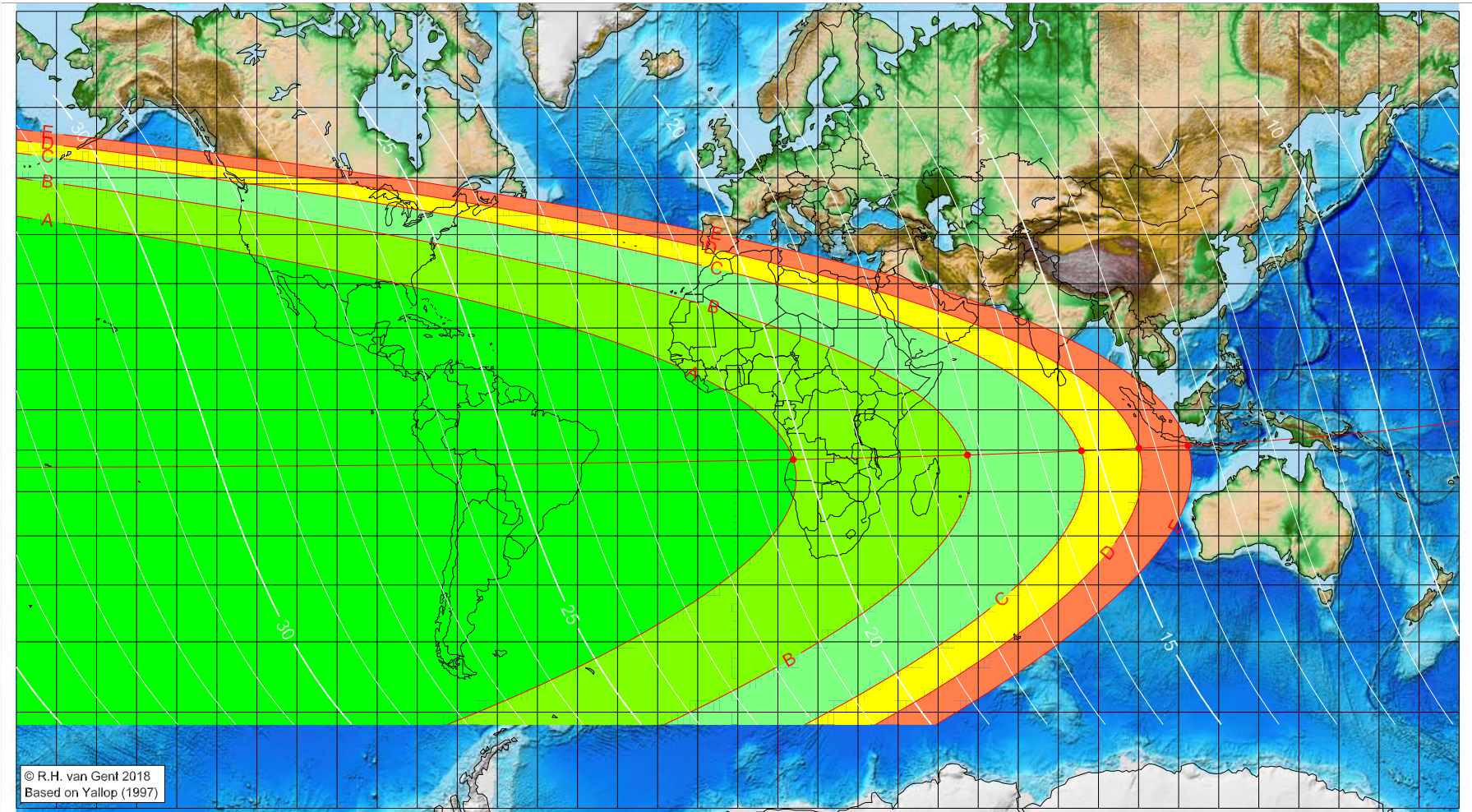
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rabī' al-Ākhir 1443 AH

Global visibility map for 5 November 2021 [Friday]
Day after luni-solar conjunction



Astronomical New Moon: 4 November 2021, 21h 14.6m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1223

Islamic Lunation Number = 17308

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°)

Longitude (°)	Latitude (°)	Lunar age (h)
13.83	-12.32	20.21
57.31	-11.21	17.23
85.76	-10.18	15.27
100.07	-9.54	14.29
112.35	-8.90	13.44

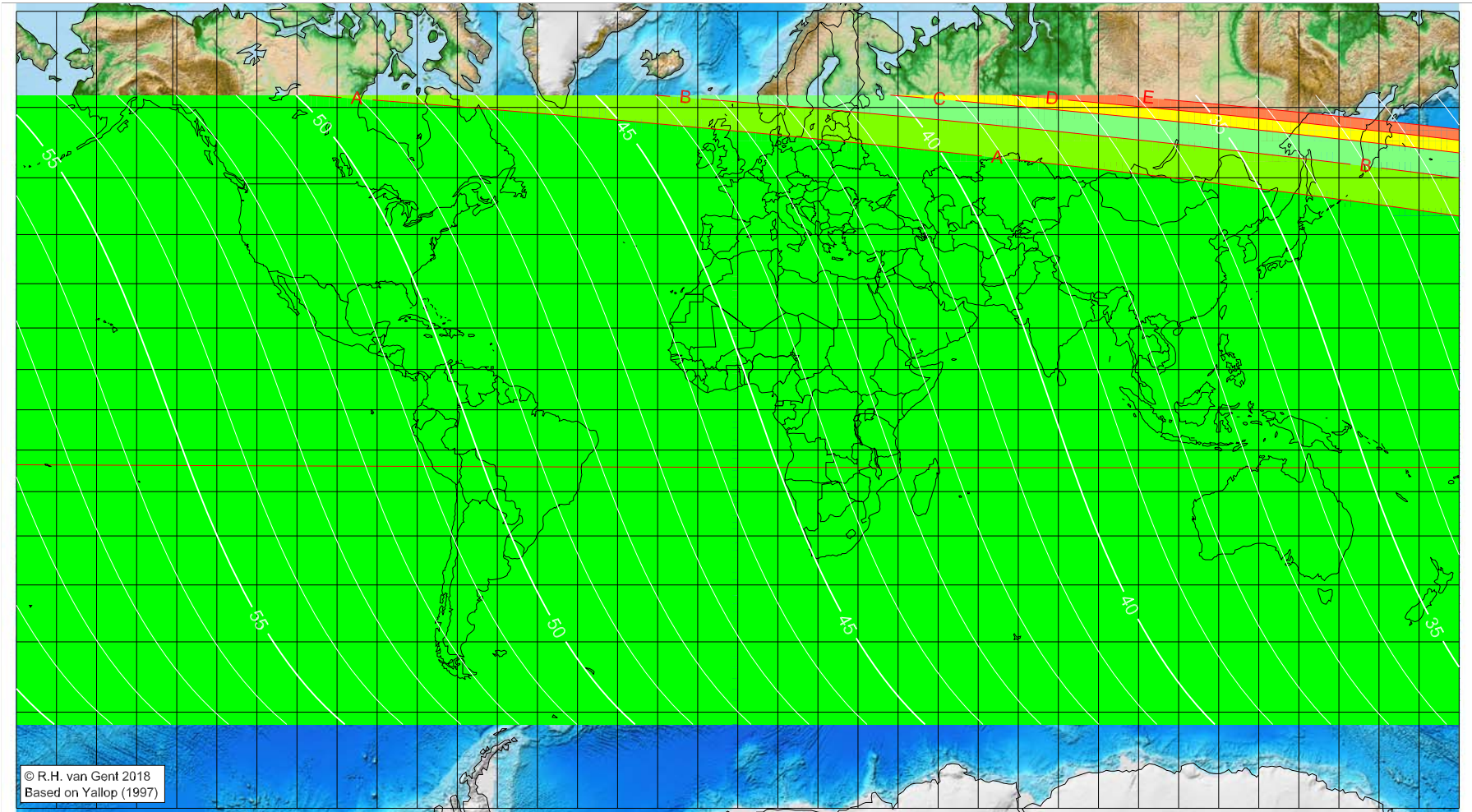
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rabī al-Ākhir 1443 AH

Global visibility map for 6 November 2021 [Saturday]
Second day after luni-solar conjunction



Astronomical New Moon: 4 November 2021, 21h 14.6m (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 = 1223
Islamic Lunation Number = 17308
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>