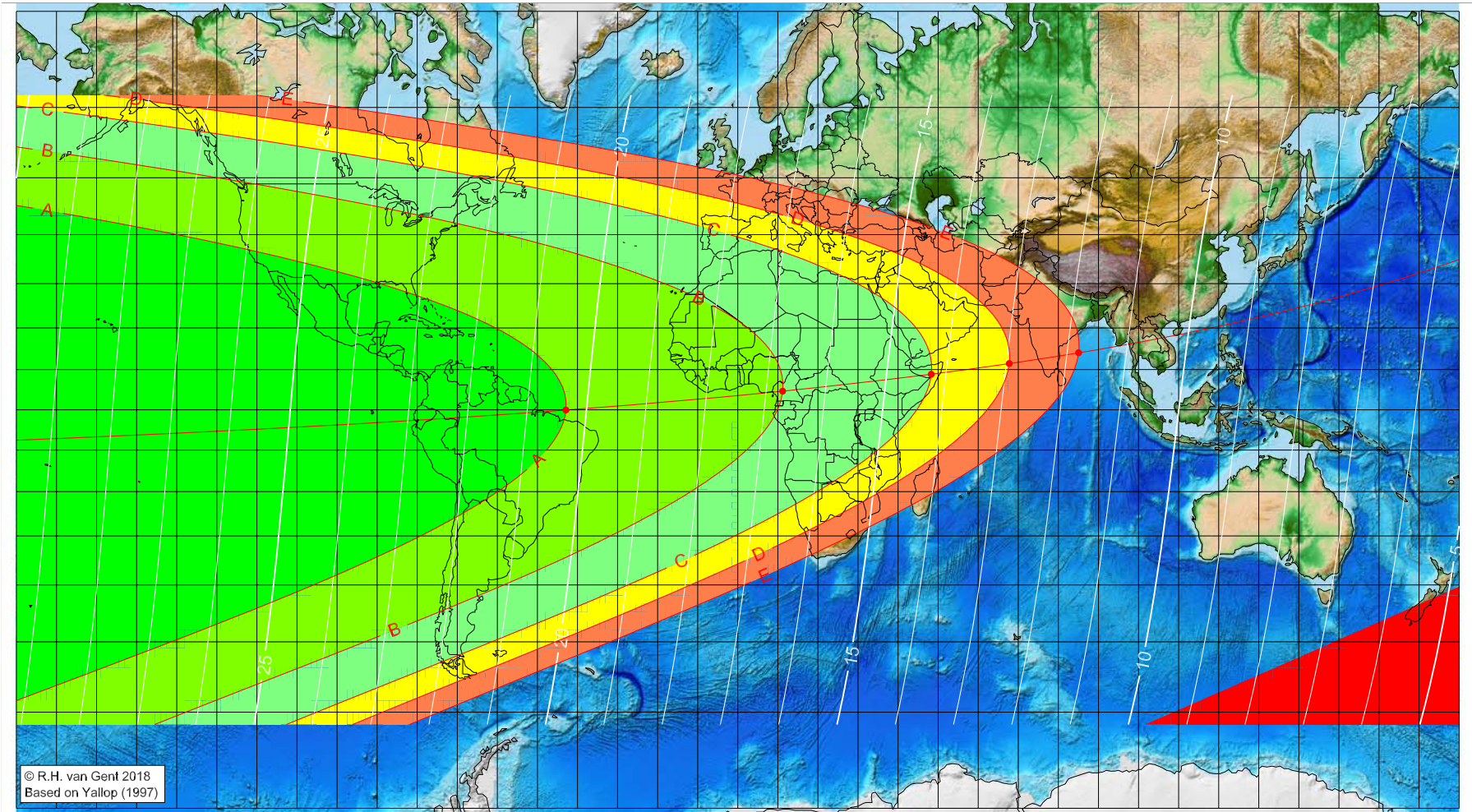


First visibility lunar crescent for Şafar 1443 AH

Global visibility map for 7 September 2021 [Tuesday]
Day of luni-solar conjunction



Astronomical New Moon: 7 September 2021, 0h 51.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1221

Islamic Lunation Number = 17306

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

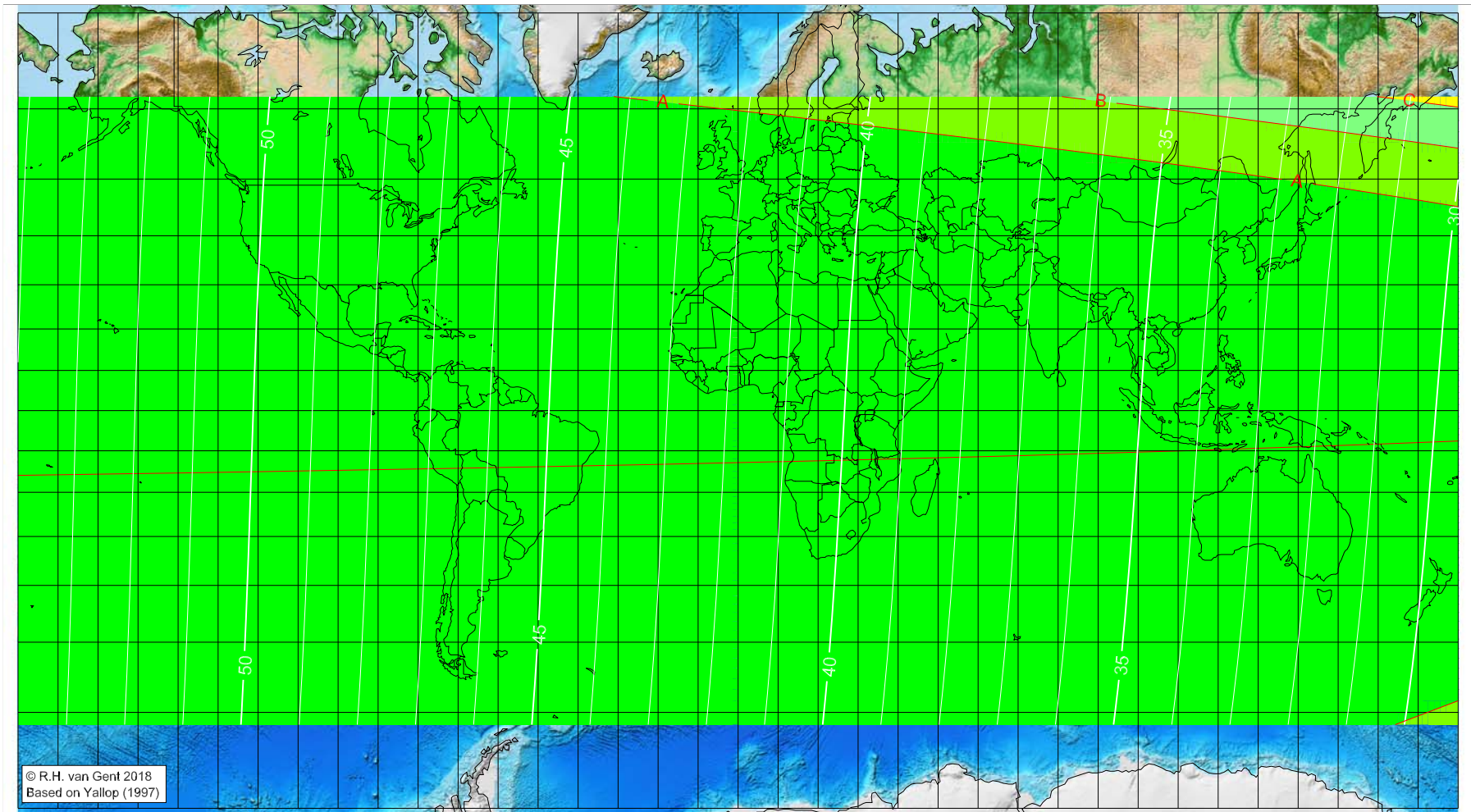
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
-42.89	-0.06	20.35
11.19	4.64	16.72
48.28	8.84	14.25
67.74	11.46	12.95
85.05	14.09	11.81

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

First visibility lunar crescent for Şafar 1443 AH

Global visibility map for 8 September 2021 [Wednesday]
Day after luni-solar conjunction



Astronomical New Moon: 7 September 2021, 0h 51.8m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1221
Islamic Lunation Number = 17306
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)

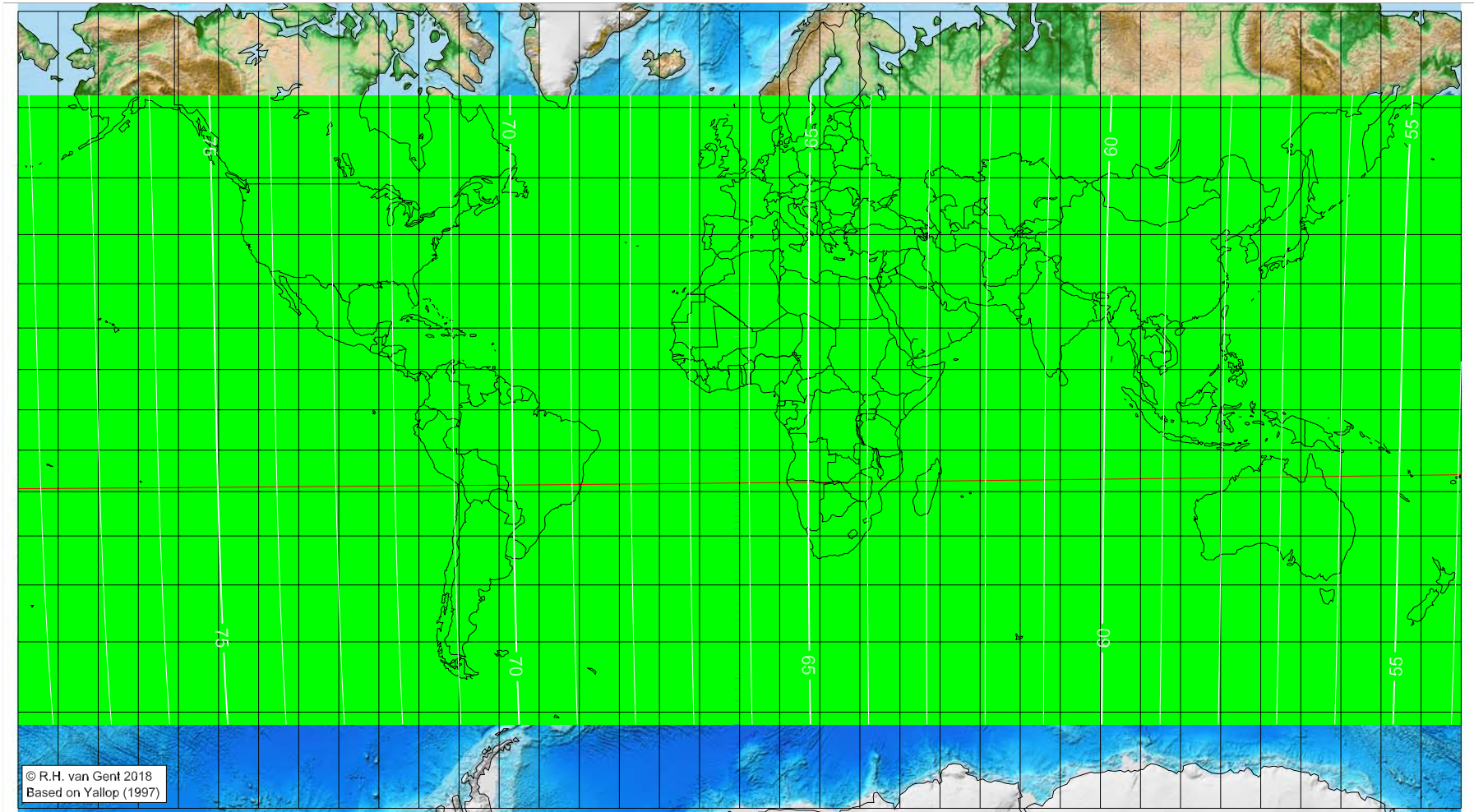
Longitude (°) Latitude (°) Lunar age (h)
visible on the previous evening
visible on the previous evening
visible on the previous evening
visible on the previous evening
visible on the previous evening

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 Şafar 1443 AH

Global visibility map for 9 September 2021 [Thursday]
Second day after luni-solar conjunction



© R.H. van Gent 2018
Based on Yallop (1997)

Astronomical New Moon: 7 September 2021, 0h 51.8m (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°)
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1221
Islamic Lunation Number = 17306
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/>