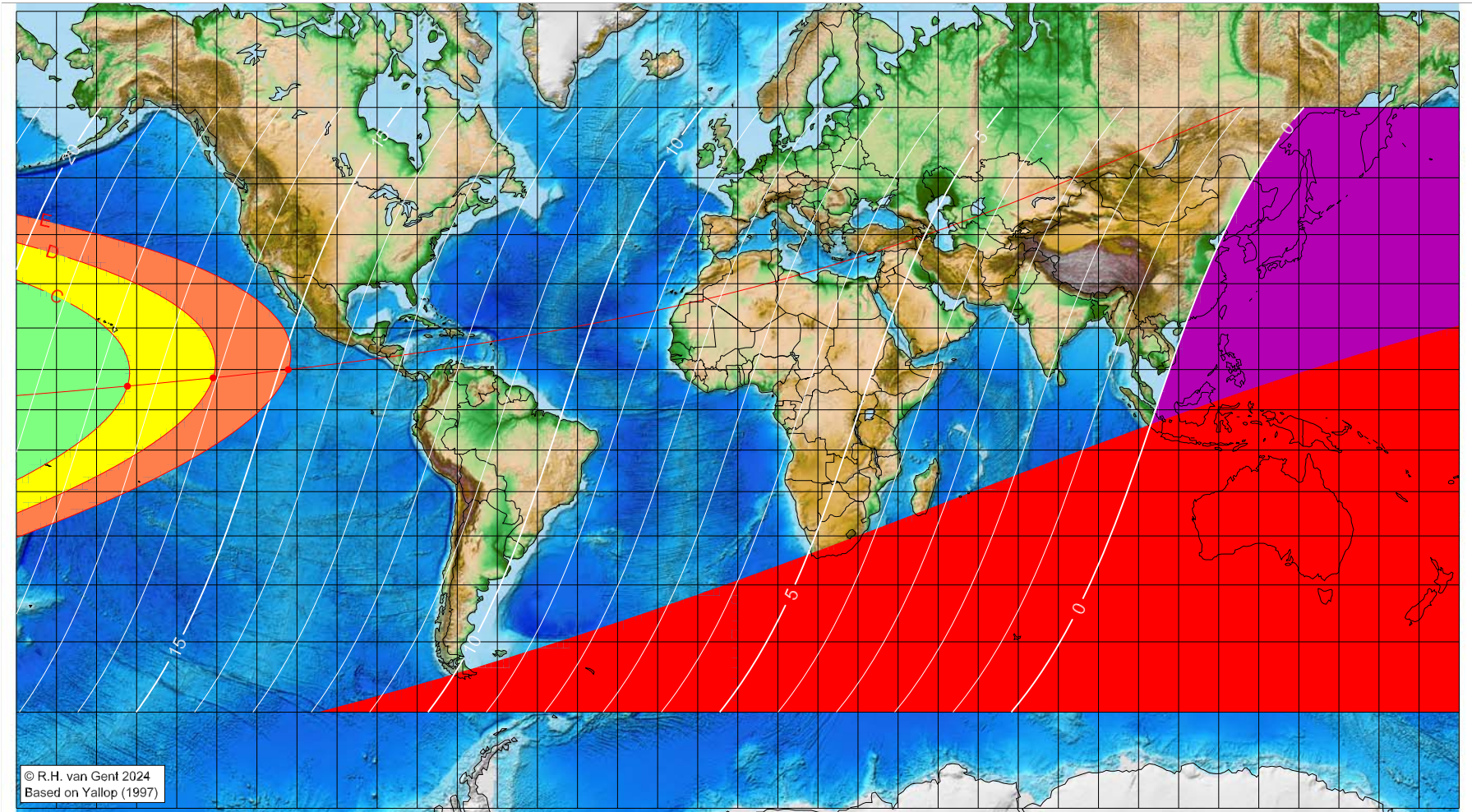


First visibility lunar crescent for Şafar 1446 AH

Global visibility map for 4 August 2024 [Sunday]
Day of luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 4 August 2024, 11h 13.0m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-152.31	5.88	17.47
-130.93	7.95	16.07
-112.17	9.98	14.85

Astronomical (Brown) Lunation Number = 1257
Islamic Lunation Number = 17342
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°)

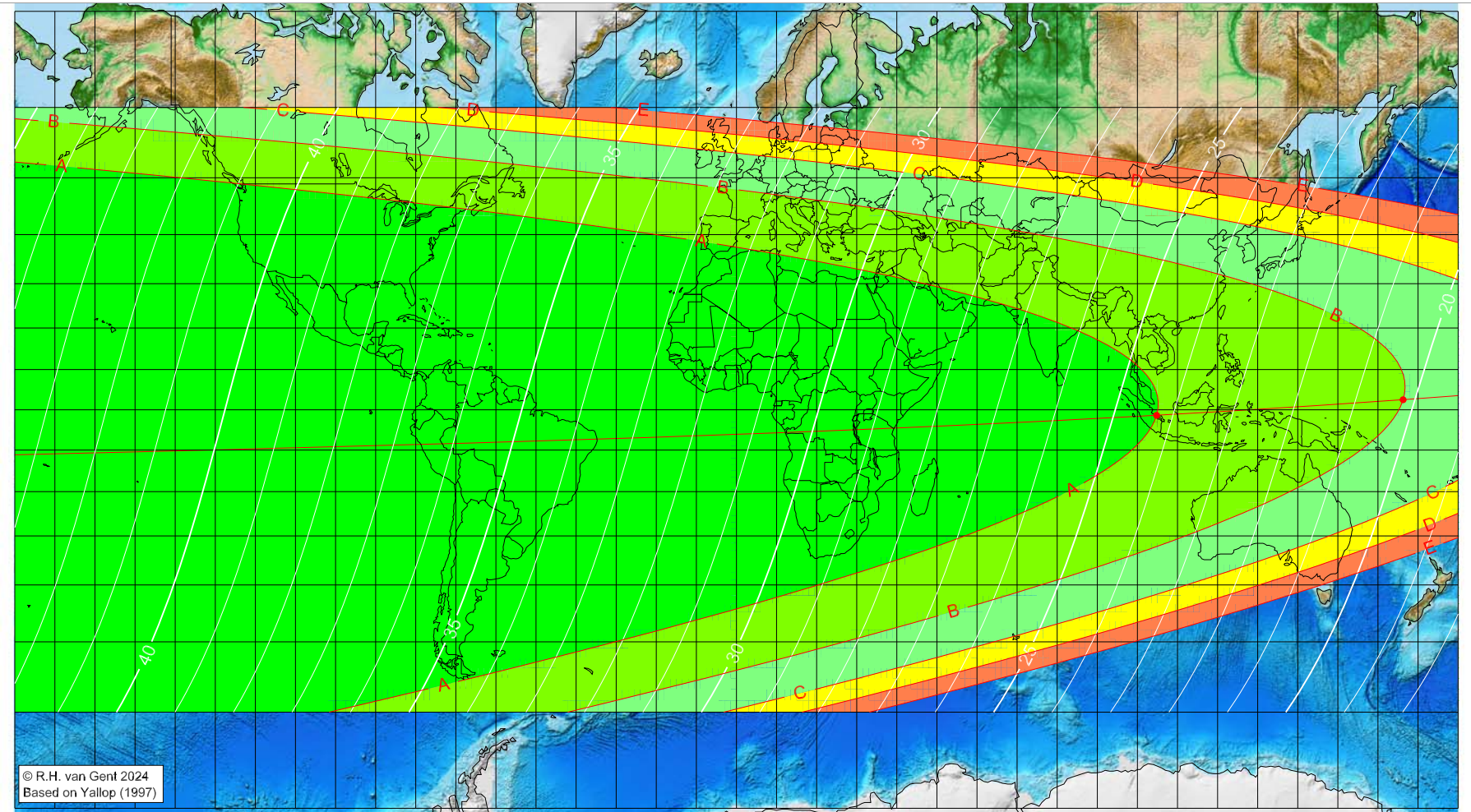
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

- moonset before sunset
- before conjunction (astronomical new moon)

More info: <https://webspacescience.uu.nl/~gent0113/>

First visibility lunar crescent for Şafar 1446 AH

Global visibility map for 5 August 2024 [Monday]
Day after luni-solar conjunction



Astronomical New Moon: 4 August 2024, 11h 13.0m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1257
Islamic Lunation Number = 17342
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)

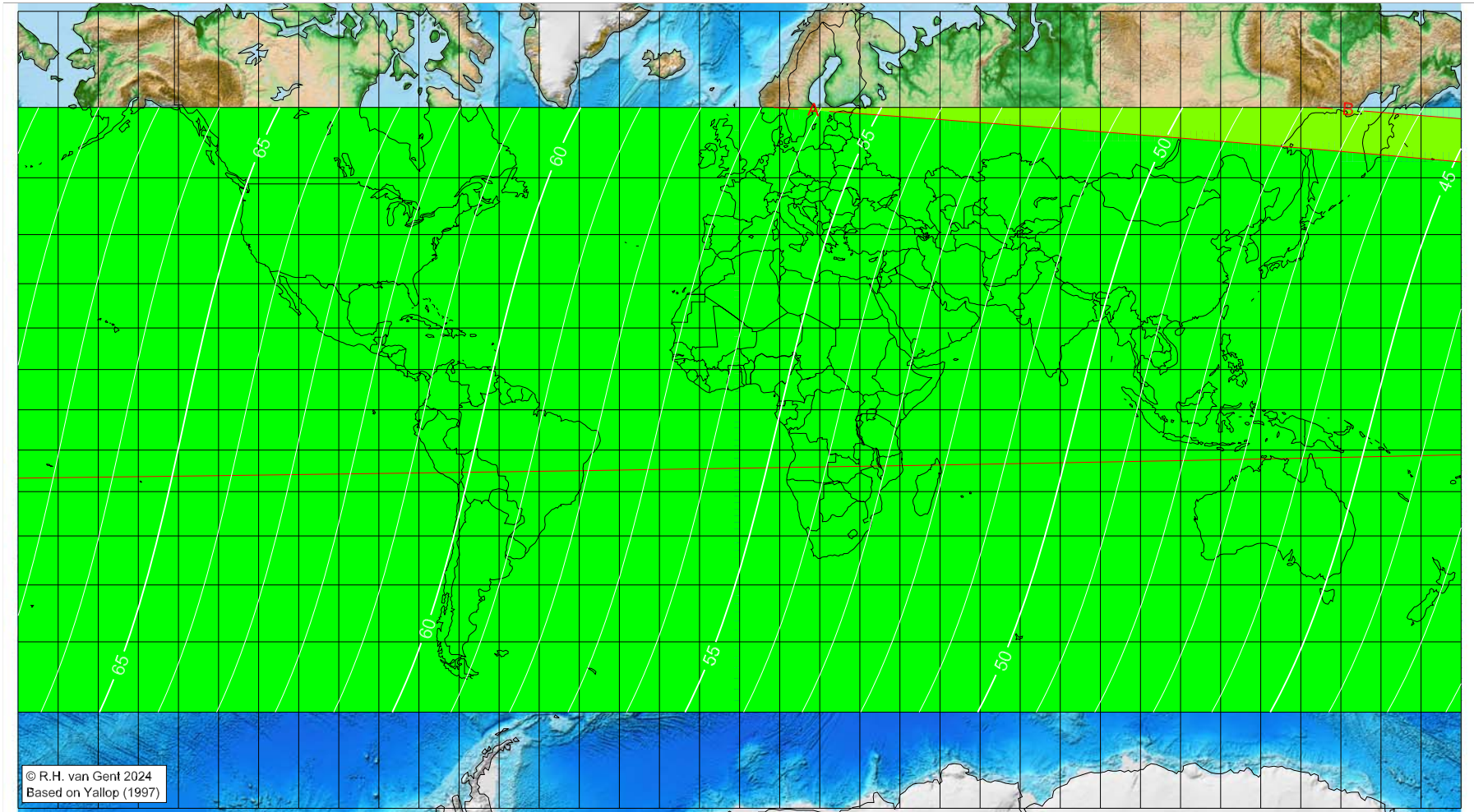
Longitude (°)	Latitude (°)	Lunar age (h)
104.79	-1.39	24.28
166.28	2.51	20.20
		visible on the previous evening
		visible on the previous evening

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

More info: <https://webspacescience.uu.nl/~gent0113/>

First visibility lunar crescent for Şafar 1446 AH

Global visibility map for 6 August 2024 [Tuesday]
Second day after luni-solar conjunction



Astronomical New Moon: 4 August 2024, 11h 13.0m (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 = 1257
Islamic Lunation Number = 17342
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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

More info: <https://webspacescience.uu.nl/~gent0113/>