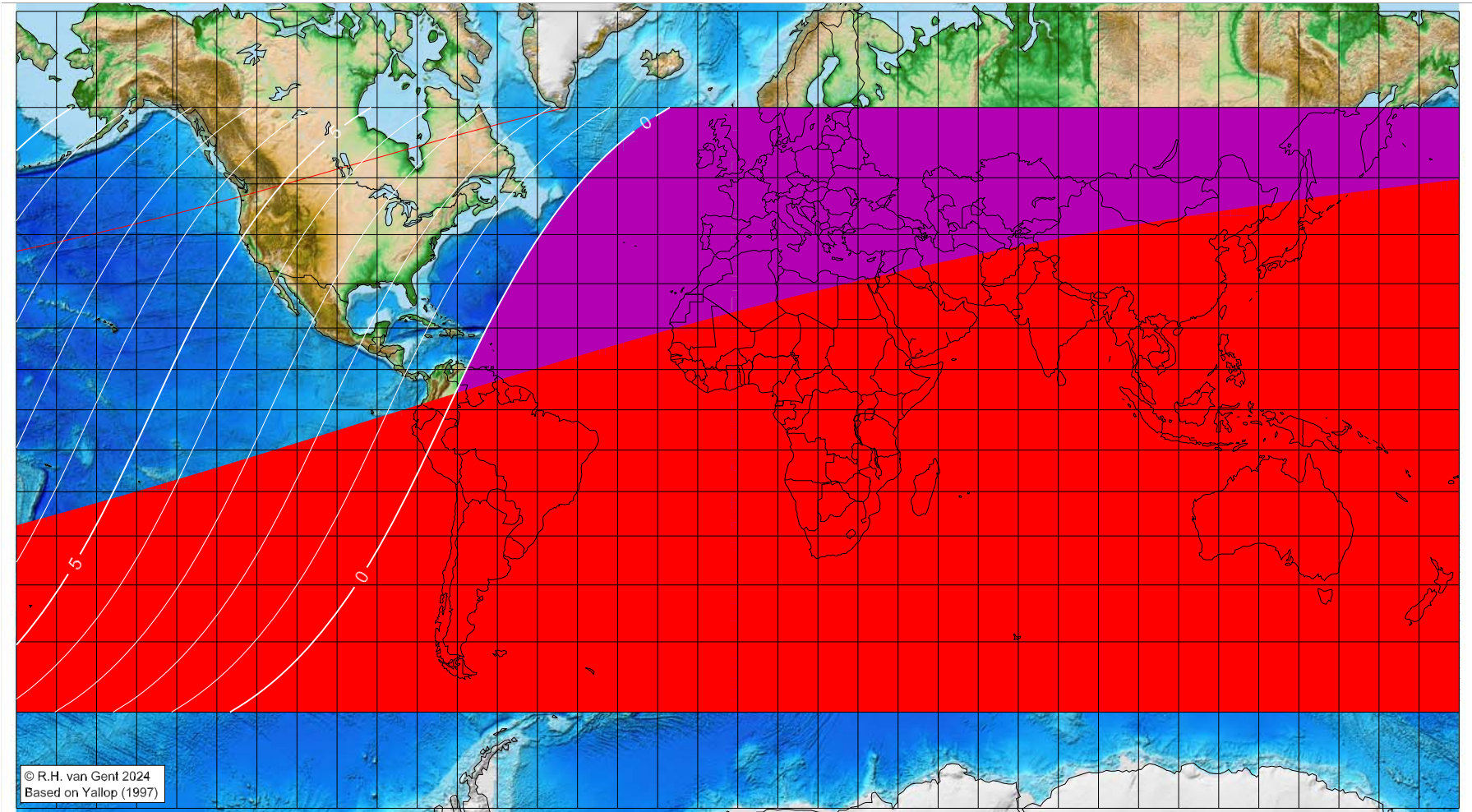


First visibility lunar crescent for Muḥarram 1446 AH

Global visibility map for 5 July 2024 [Friday]
Day of luni-solar conjunction



Astronomical New Moon: 5 July 2024, 22h 57.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1256
Islamic Lunation Number = 17341
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

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

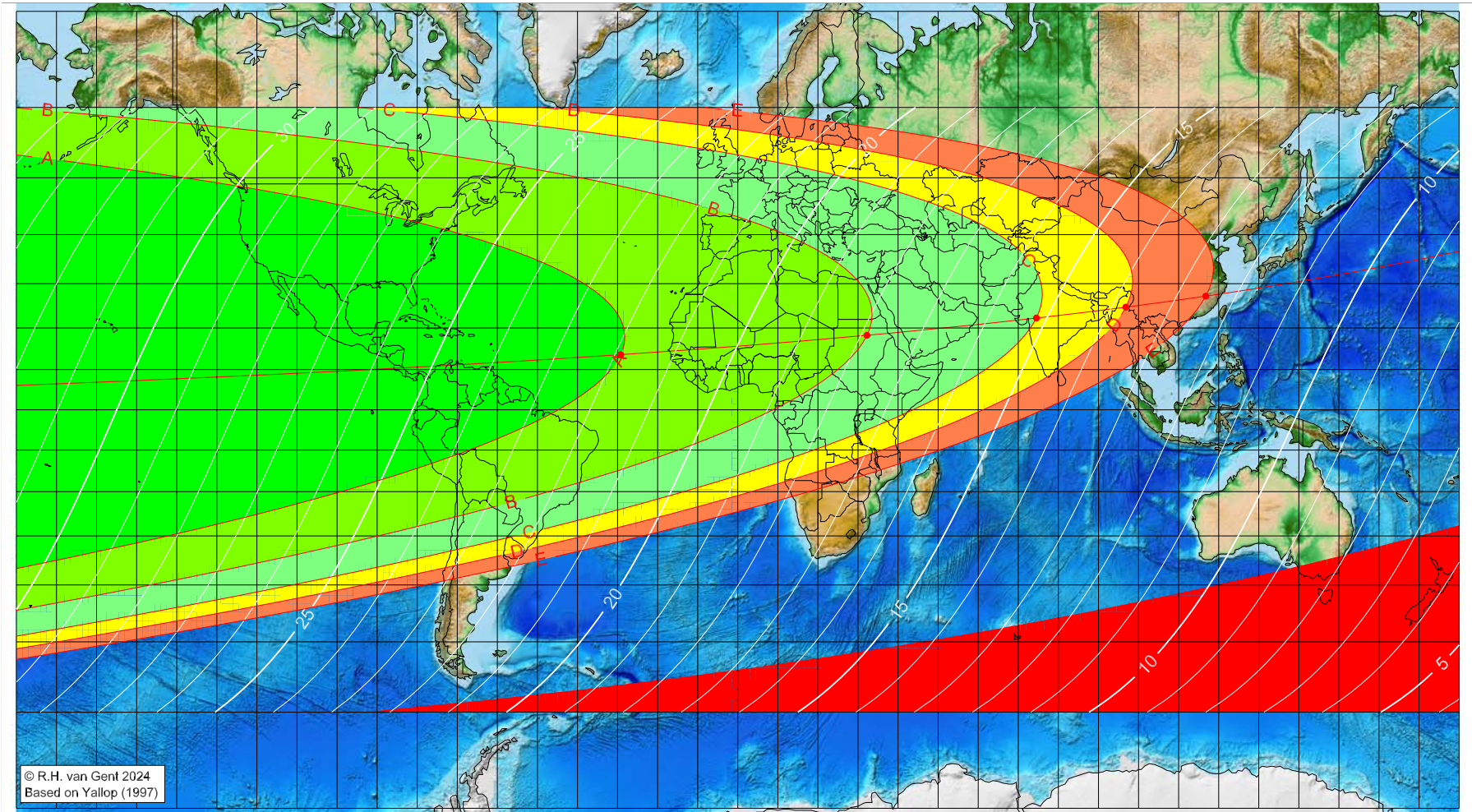
■ before conjunction (astronomical new moon)

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

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

First visibility lunar crescent for Muḥarram 1446 AH

Global visibility map for 6 July 2024 [Saturday]
Day after luni-solar conjunction



Astronomical New Moon: 5 July 2024, 22h 57.3m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1256

Islamic Lunation Number = 17341

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)
-29.22	13.63	21.90
32.23	18.27	17.90
74.52	22.32	15.18
96.83	24.81	13.76
116.78	27.27	12.51

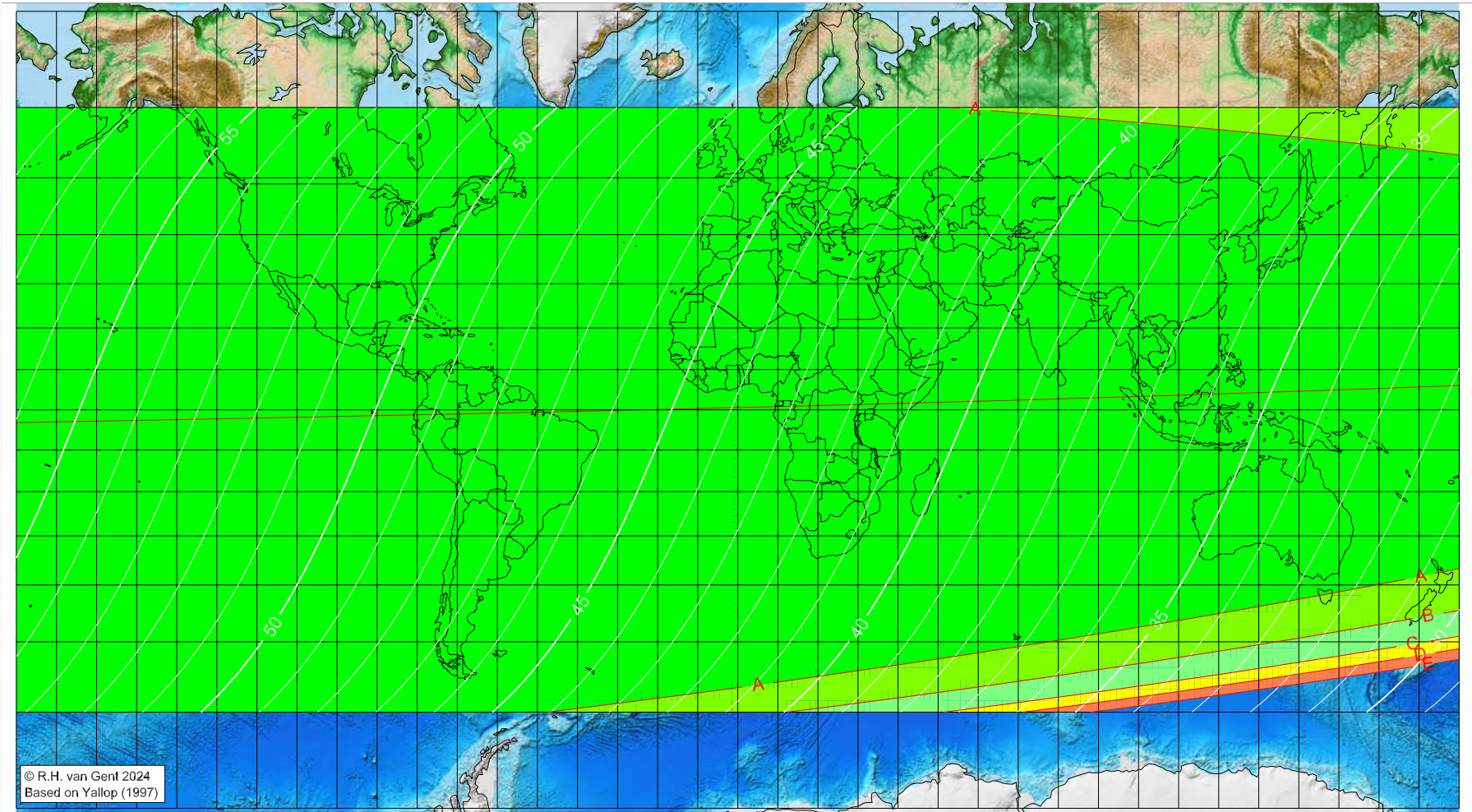
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Muḥarram 1446 AH

Global visibility map for 7 July 2024 [Sunday]
Second day after luni-solar conjunction



Astronomical New Moon: 5 July 2024, 22h 57.3m (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 = 1256
Islamic Lunation Number = 17341
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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

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