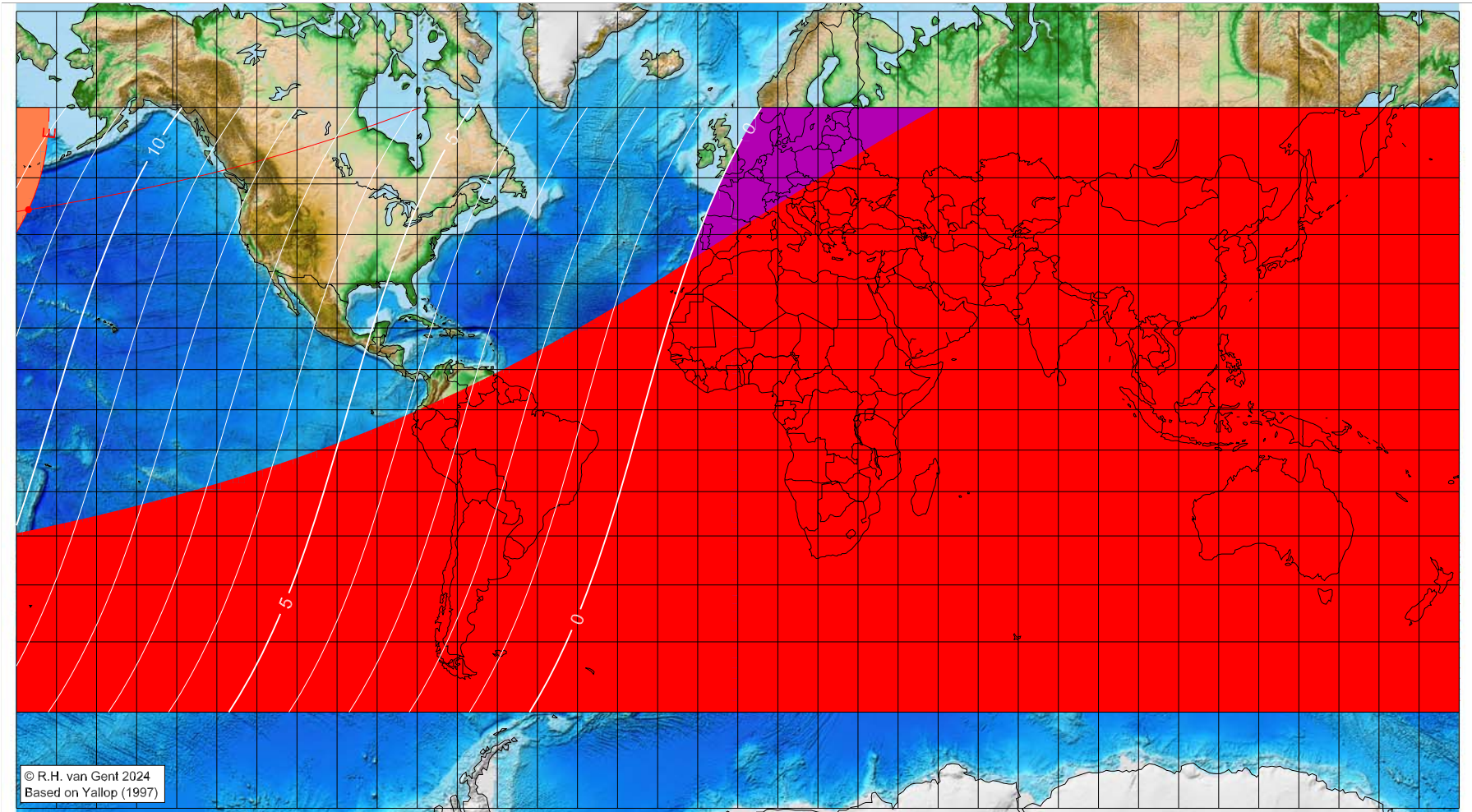


First visibility lunar crescent for Dhu 'l-Qa'da 1446 AH

Global visibility map for 27 April 2025 [Sunday]
Day of luni-solar conjunction



Astronomical New Moon: 27 April 2025, 19h 31.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1266
Islamic Lunation Number = 17351
TT - UT [= ΔT] = 1.1 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) |
|---------------|--------------|---------------|
| -176.99 | 44.60 | 11.61 |

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

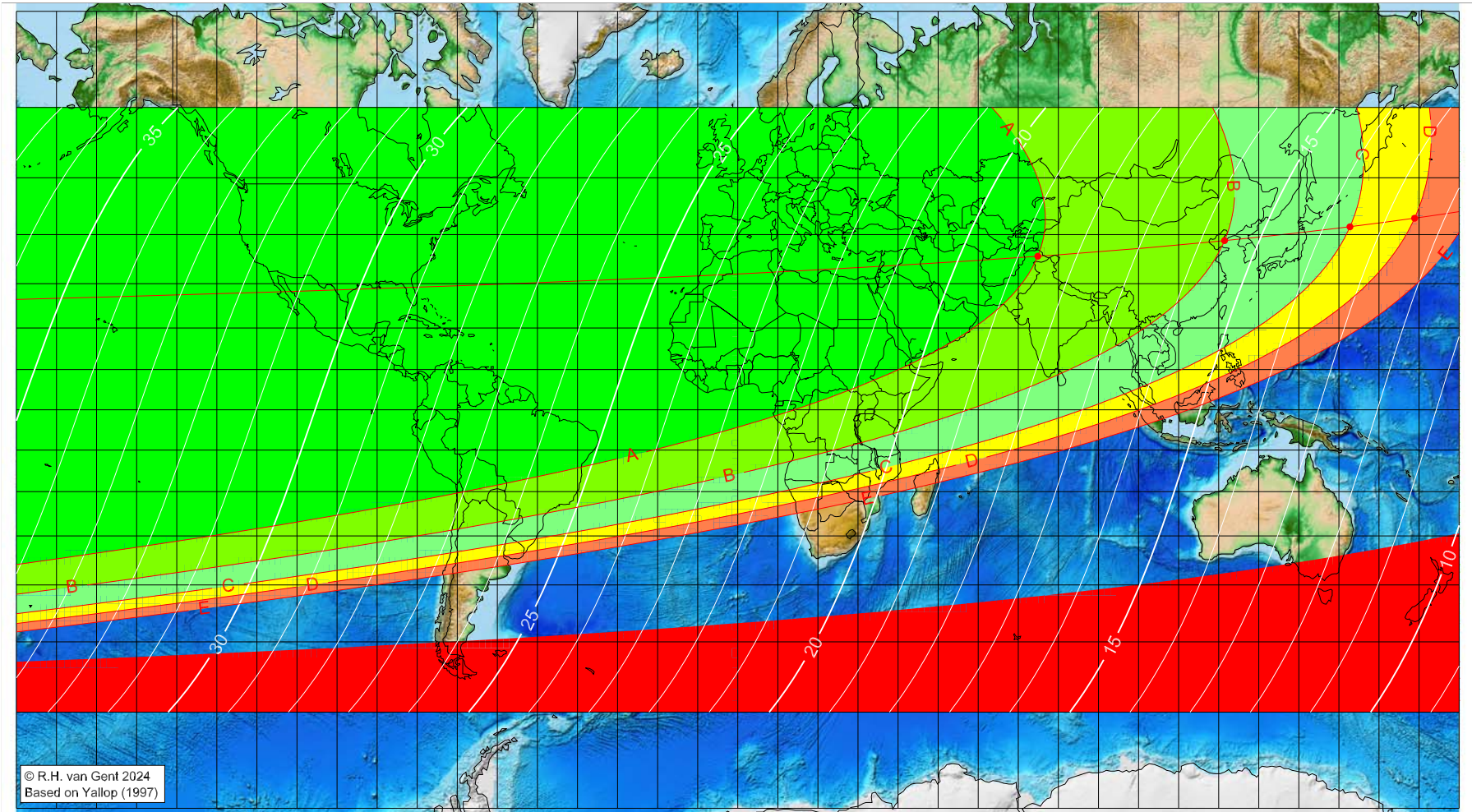
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Dhu 'l-Qa'da 1446 AH

Global visibility map for 28 April 2025 [Monday]
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 27 April 2025, 19h 31.3m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1266
Islamic Lunation Number = 17351
TT - UT [= ΔT] = 1.1 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) |
|---------------|--------------|---------------|
| 74.87 | 35.75 | 18.67 |
| 121.46 | 38.85 | 15.59 |
| 152.76 | 41.48 | 13.55 |
| 168.89 | 43.06 | 12.51 |

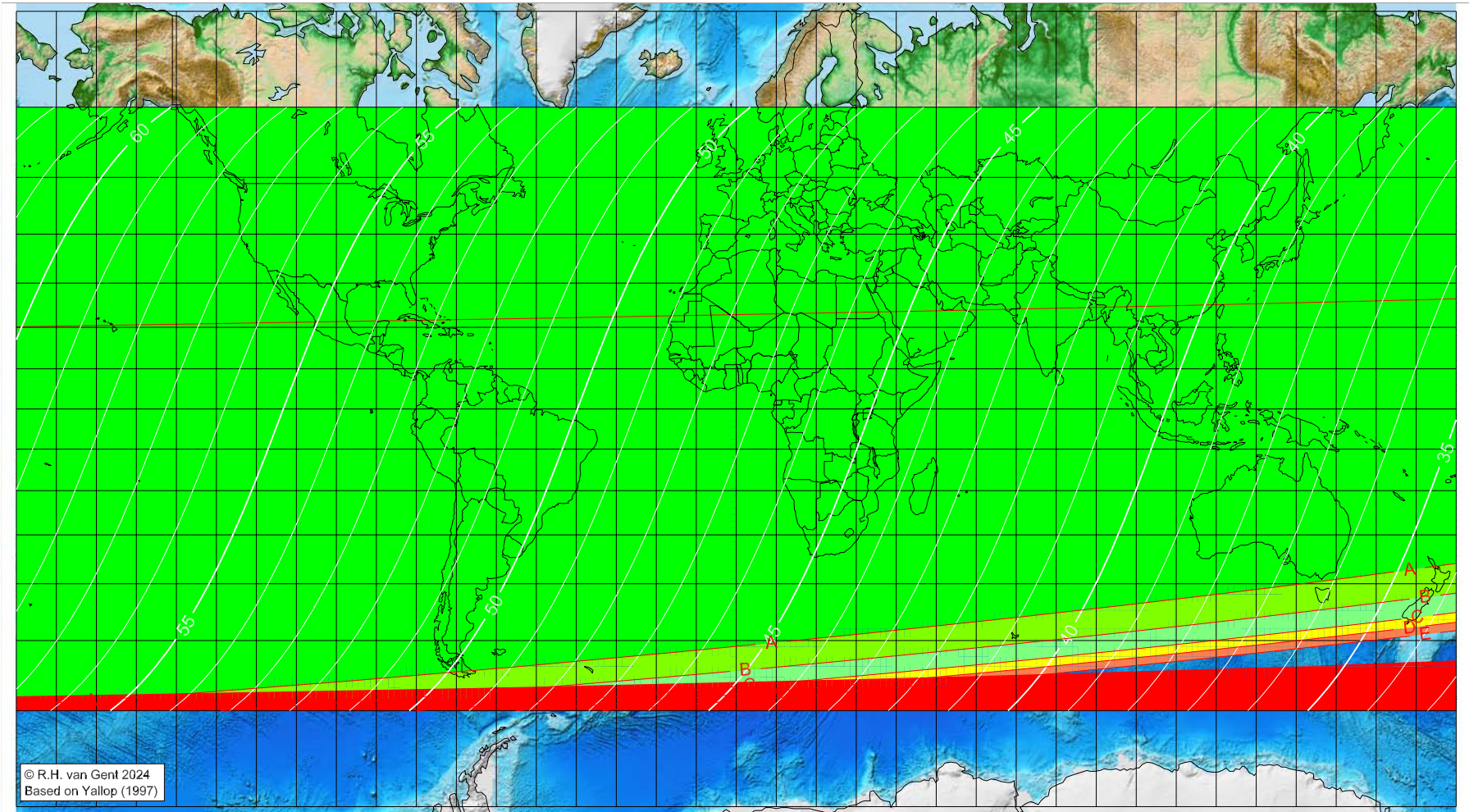
visible on the previous evening

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 Dhu 'l-Qa' da 1446 AH

Global visibility map for 29 April 2025 [Tuesday]
Second day after luni-solar conjunction



Astronomical New Moon: 27 April 2025, 19h 31.3m (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 = 1266
Islamic Lunation Number = 17351
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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

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