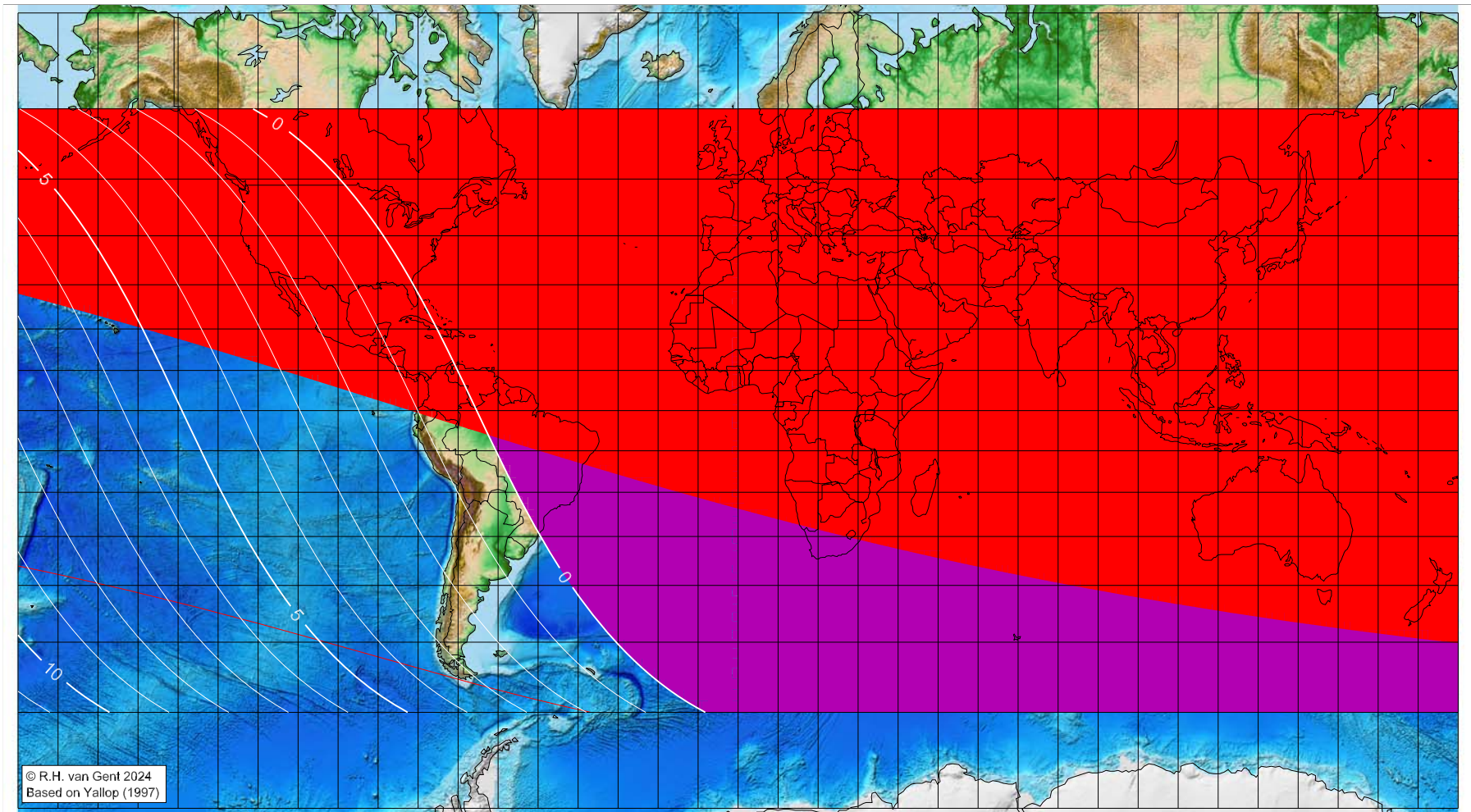


First visibility lunar crescent for Rajab 1446 AH

Global visibility map for 30 December 2024 [Monday]
Day of luni-solar conjunction



Astronomical New Moon: 30 December 2024, 22h 26.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1262
Islamic Lunation Number = 17347
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)
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

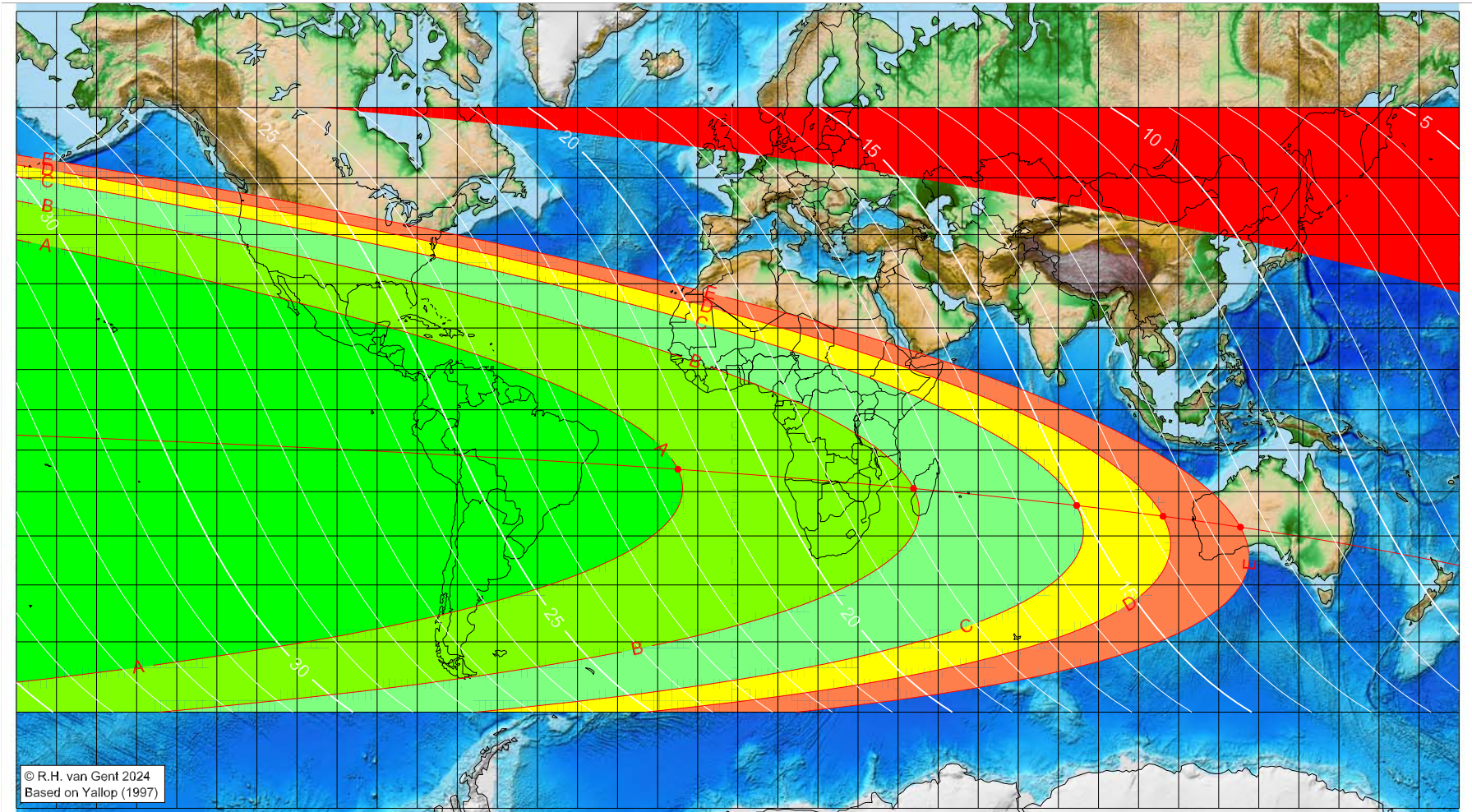
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rajab 1446 AH

Global visibility map for 31 December 2024 [Tuesday]
Day after luni-solar conjunction



Astronomical New Moon: 30 December 2024, 22h 26.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1262

Islamic Lunation Number = 17347

TT - UT [= ΔT] = 1.1 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)
-14.94	-14.68	21.47
43.83	-19.25	17.65
84.56	-23.22	15.04
106.11	-25.66	13.67
125.43	-28.08	12.46

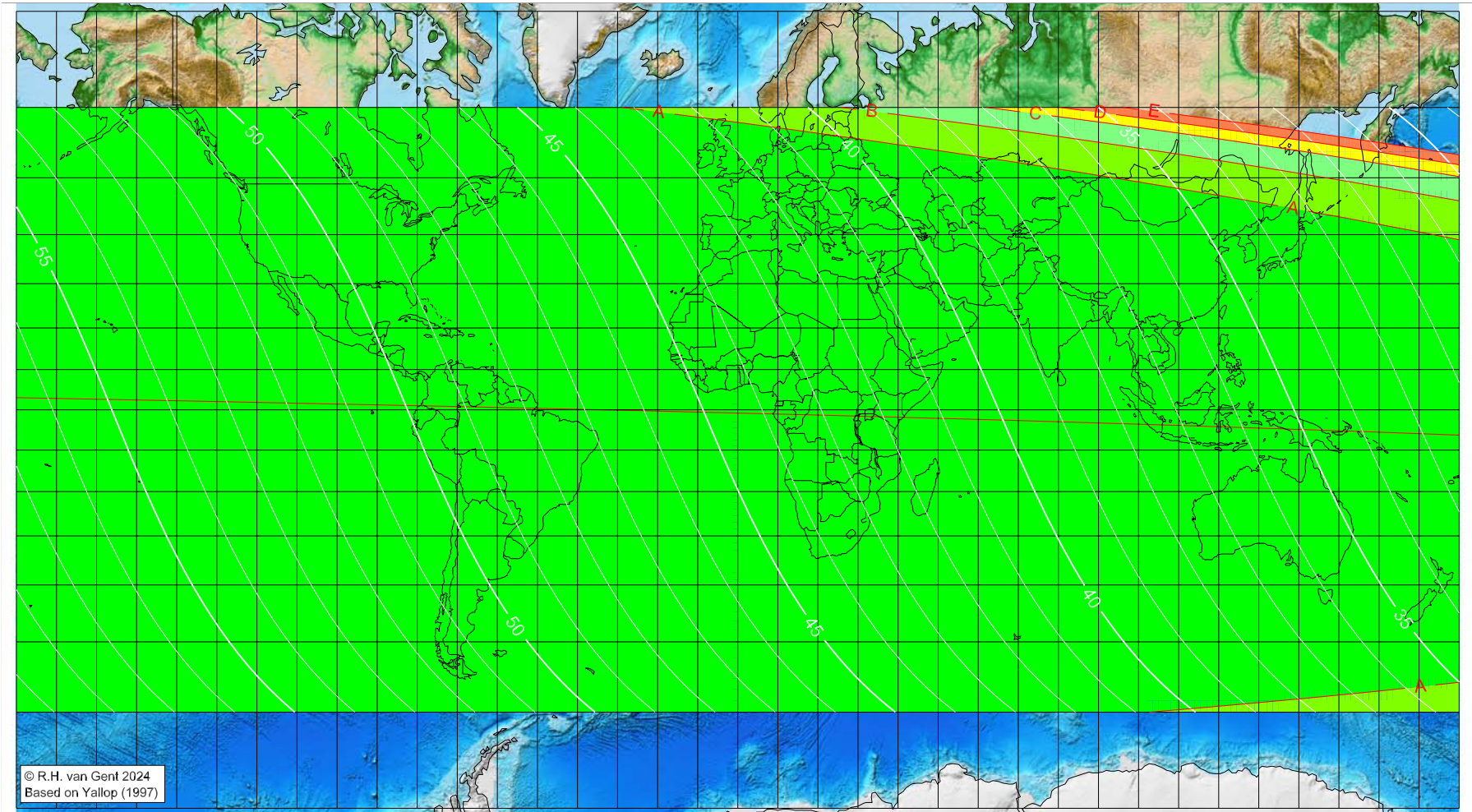
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rajab 1446 AH

Global visibility map for 1 January 2025 [Wednesday]
Second day after luni-solar conjunction



Astronomical New Moon: 30 December 2024, 22h 26.8m (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 = 1262
Islamic Lunation Number = 17347
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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

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