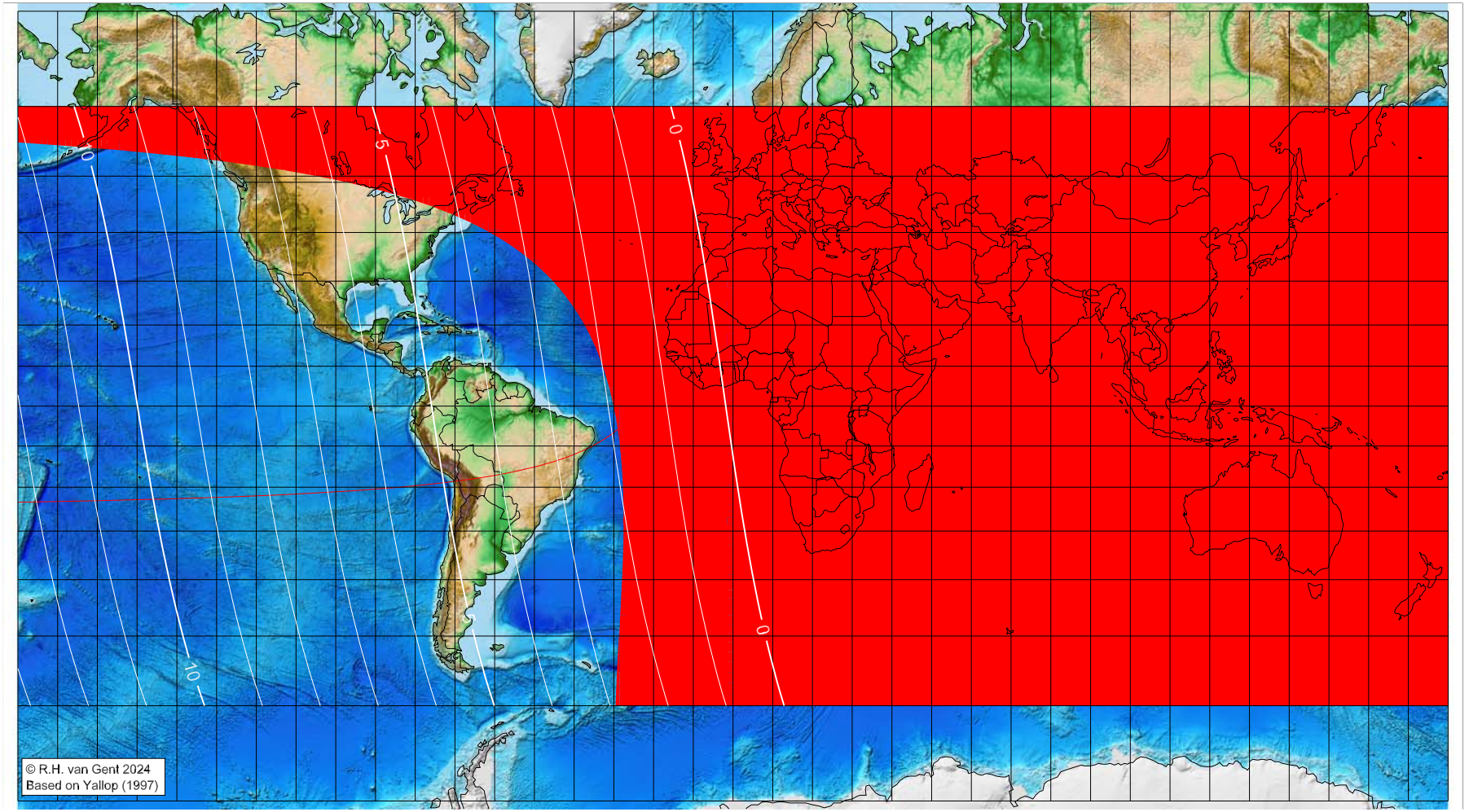
First visibility lunar crescent for Rabīʿ al-Ākhir 1445 AH

Global visibility map for 14 October 2023 [Saturday]

Day of luni-solar conjunction



Astronomical New Moon: 14 October 2023, 17h 55.2m (UTC)

First visibility (•)

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		

- 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°)

Astronomical (Brown) Lunation Number = 1247
Islamic Lunation Number = 17332
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

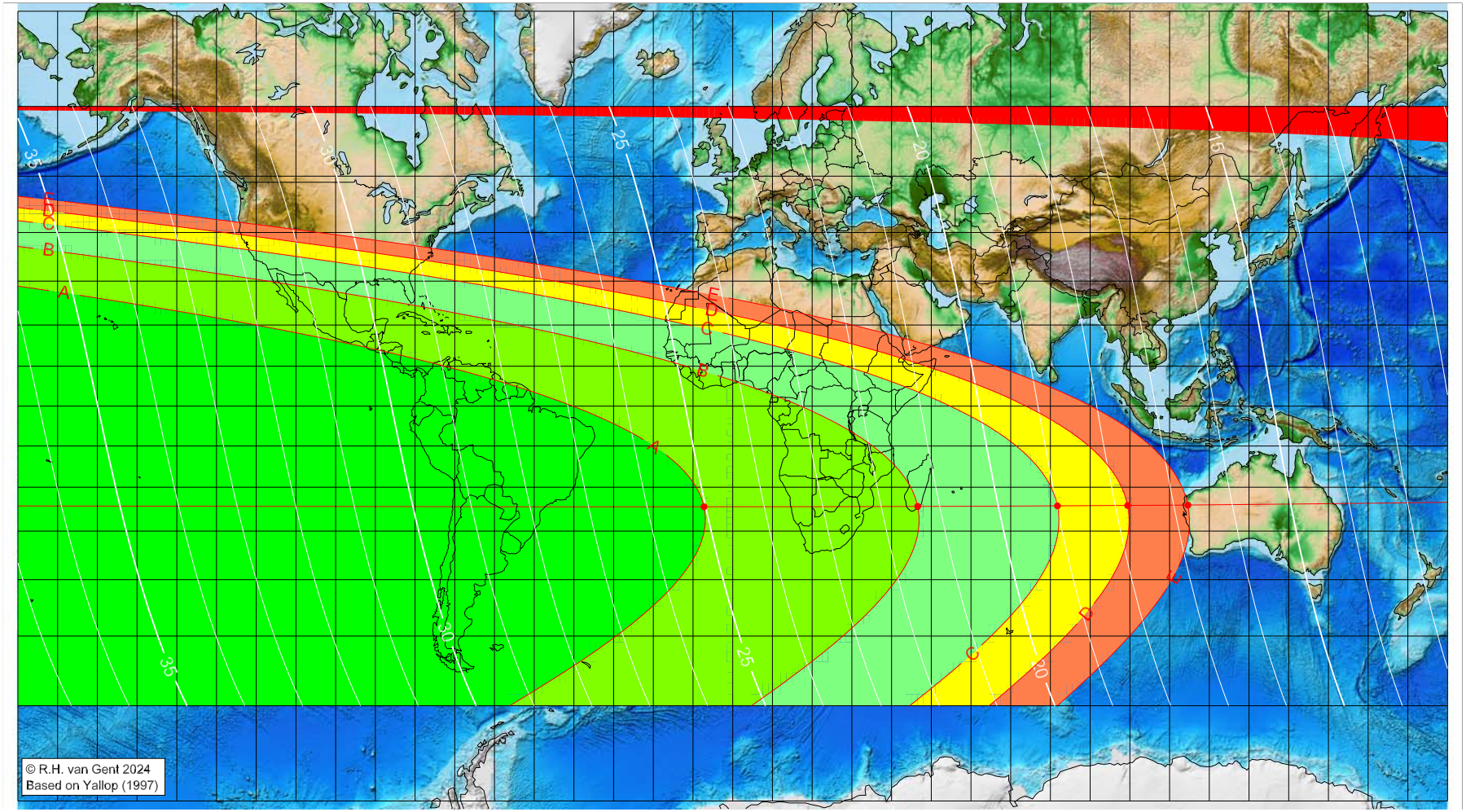
- moonset before sunset
- before conjunction (astronomical new moon)

More info: https://webspace.science.uu.nl/~gent0113/

First visibility lunar crescent for Rabīʿ al-Ākhir 1445 AH

Global visibility map for 15 October 2023 [Sunday]

Day after luni-solar conjunction



Astronomical New Moon: 14 October 2023, 17h 55.2m (UTC)

First visibility (●)

	Longitude (°)	Latitude (°)	Lunar age (h)
A – easily visible to the unaided eye	-7.23	-24.55	25.03
B – visible under perfect atmospheric conditions	46.57	-24.47	21.38
C – visible to the unaided eye after found with optical aid	81.76	-24.36	18.99
D – only visible with binoculars or conventional telescopes	99.44	-24.27	17.79
E – not visible with conventional telescopes	114.61	-24.18	16.76
F – below Danjon limit (7°)			

Astronomical (Brown) Lunation Number = 1247
Islamic Lunation Number = 17332
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

moonset before sunset

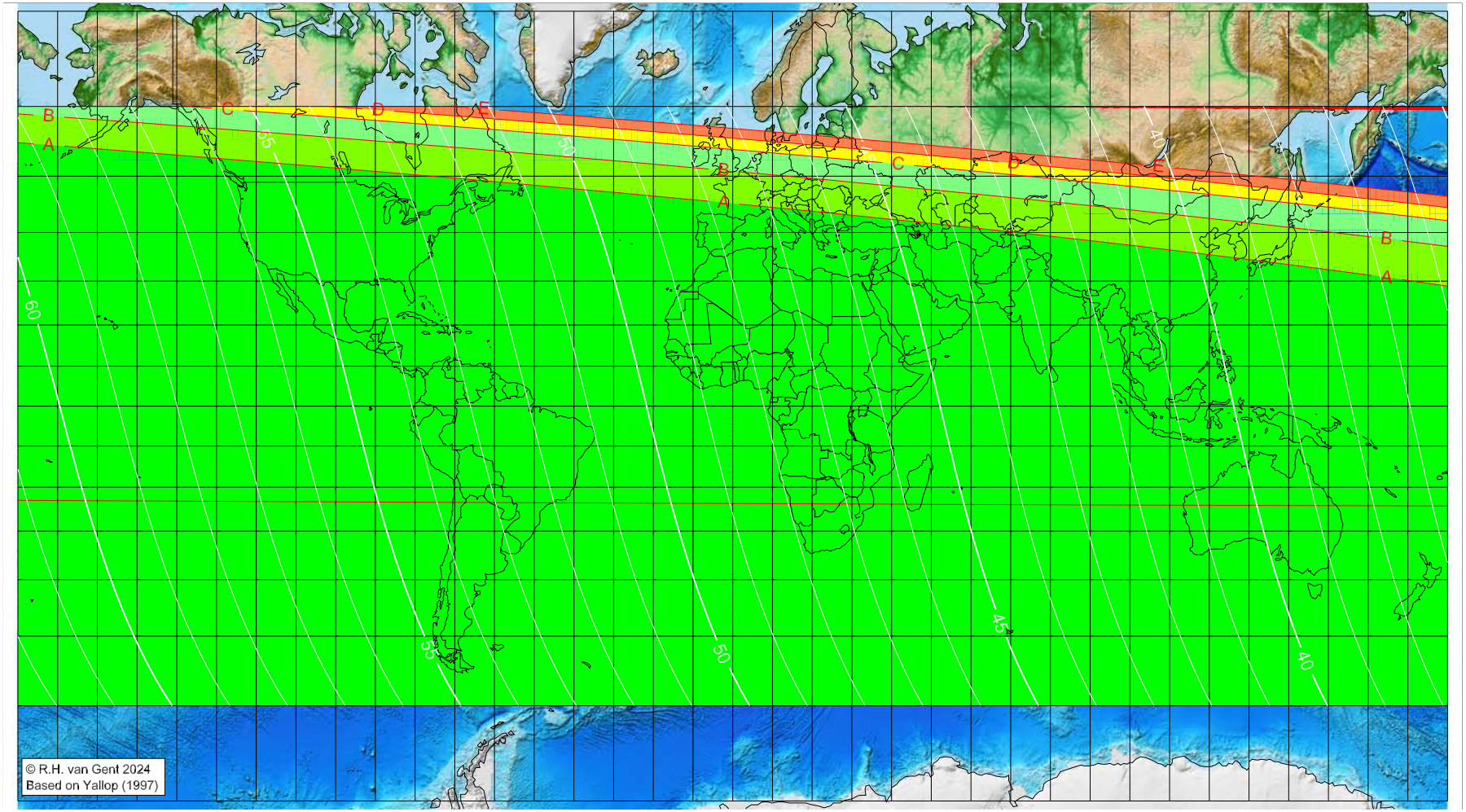
before conjunction (astronomical new moon)

More info: https://webspace.science.uu.nl/~gent0113/

First visibility lunar crescent for Rabīʿ al-Ākhir 1445 AH

Global visibility map for 16 October 2023 [Monday]

Second day after luni-solar conjunction



Astronomical New Moon: 14 October 2023, 17h 55.2m (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 = 1247
Islamic Lunation Number = 17332
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: https://webspace.science.uu.nl/~gent0113/