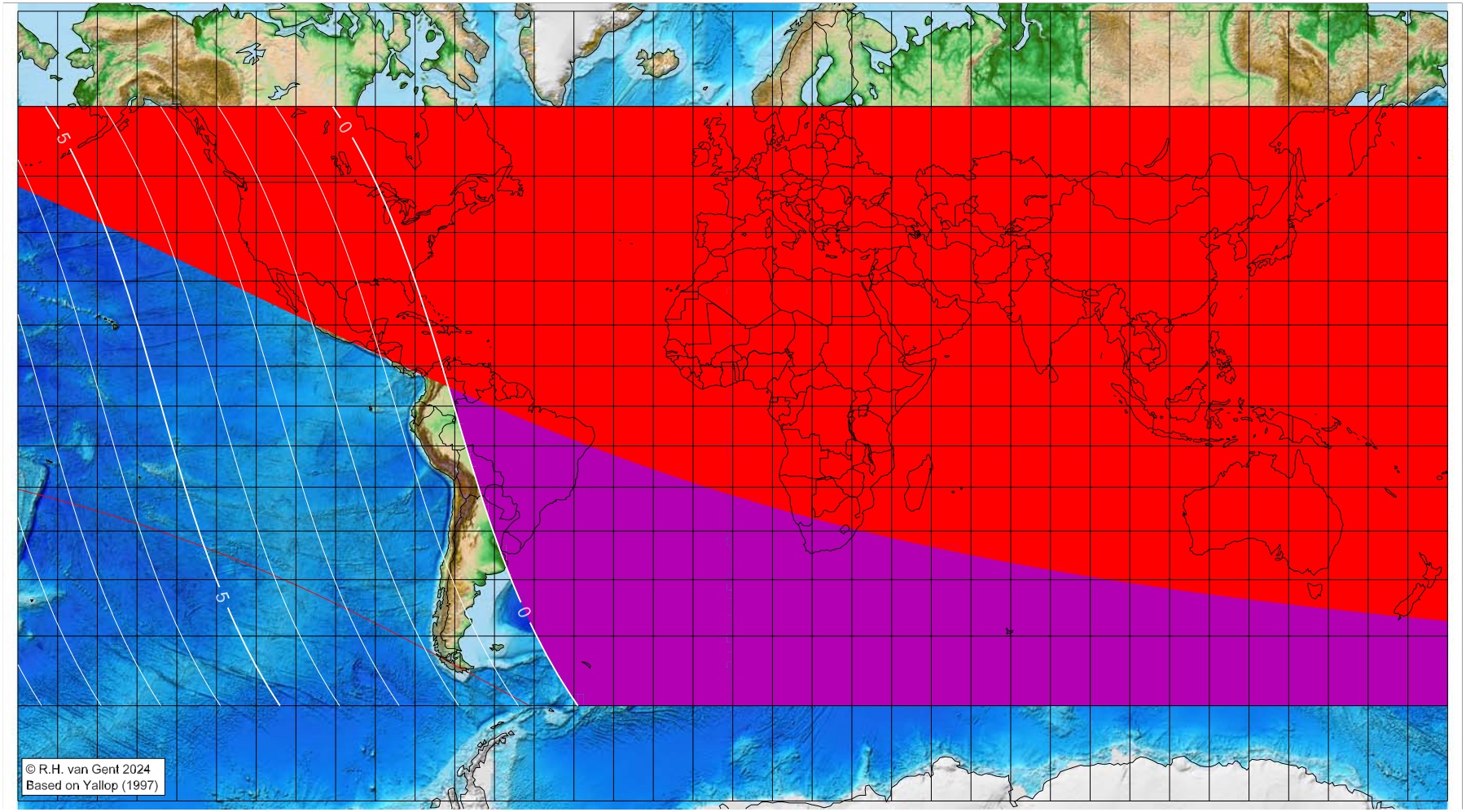
First visibility lunar crescent for Shaʿbān 1445 AH

Global visibility map for 9 February 2024 [Friday]

Day of luni-solar conjunction



Astronomical New Moon: 9 February 2024, 22h 59.1m (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 = 1251
Islamic Lunation Number = 17336
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

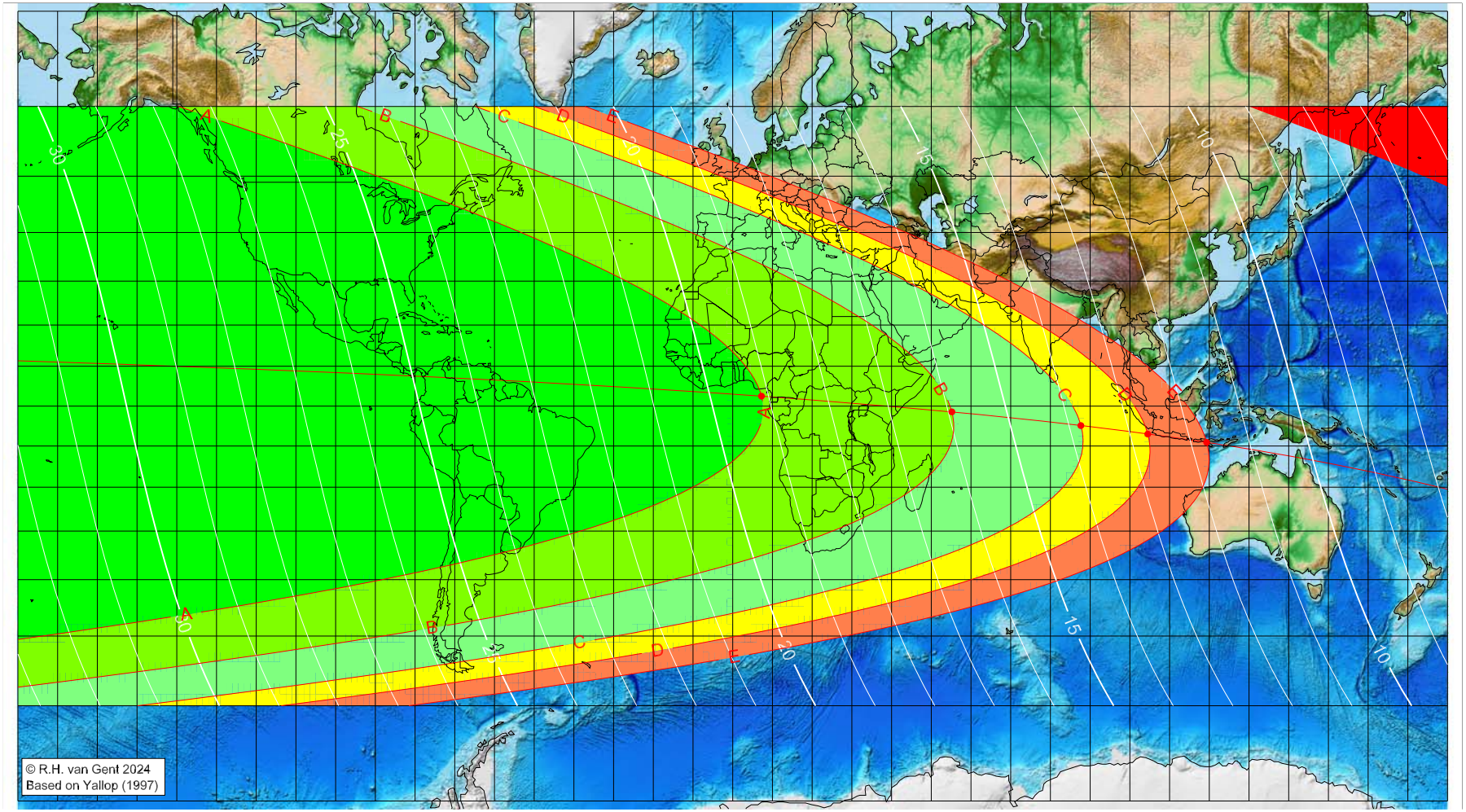
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Shaʿbān 1445 AH

Global visibility map for 10 February 2024 [Saturday]

Day after luni-solar conjunction



Astronomical New Moon: 9 February 2024, 22h 59.1m (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°)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
7.24	2.50	19.12
55.18	-1.45	15.94
87.66	-4.90	13.80
104.51	-7.02	12.69
119.34	-9.10	11.73

Astronomical (Brown) Lunation Number = 1251
Islamic Lunation Number = 17336
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

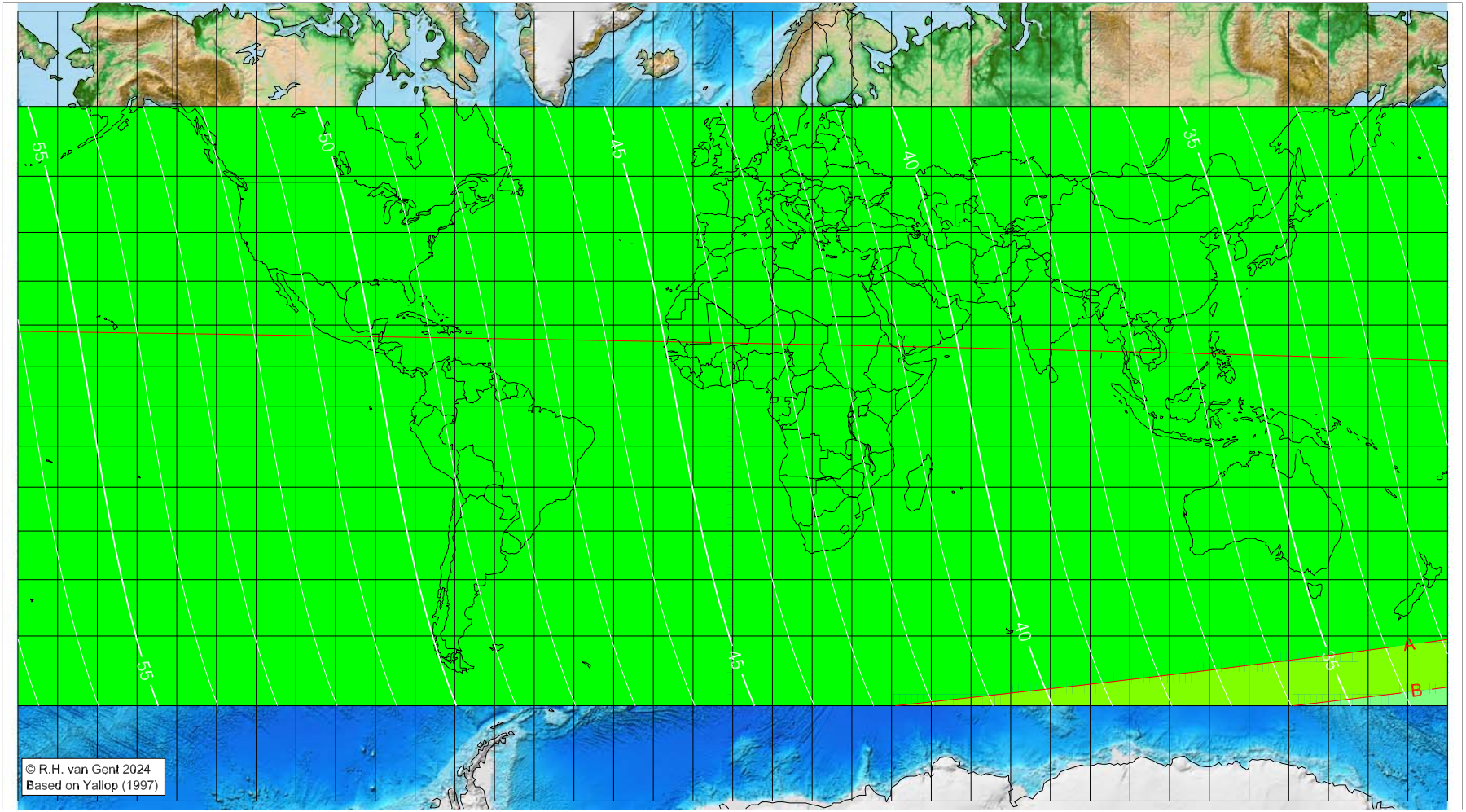
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Shaʿbān 1445 AH

Global visibility map for 11 February 2024 [Sunday]

Second day after luni-solar conjunction



Astronomical New Moon: 9 February 2024, 22h 59.1m (UTC)

Astronomical (Brown) Lunation Number = 1251
Islamic Lunation Number = 17336
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
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- 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)

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