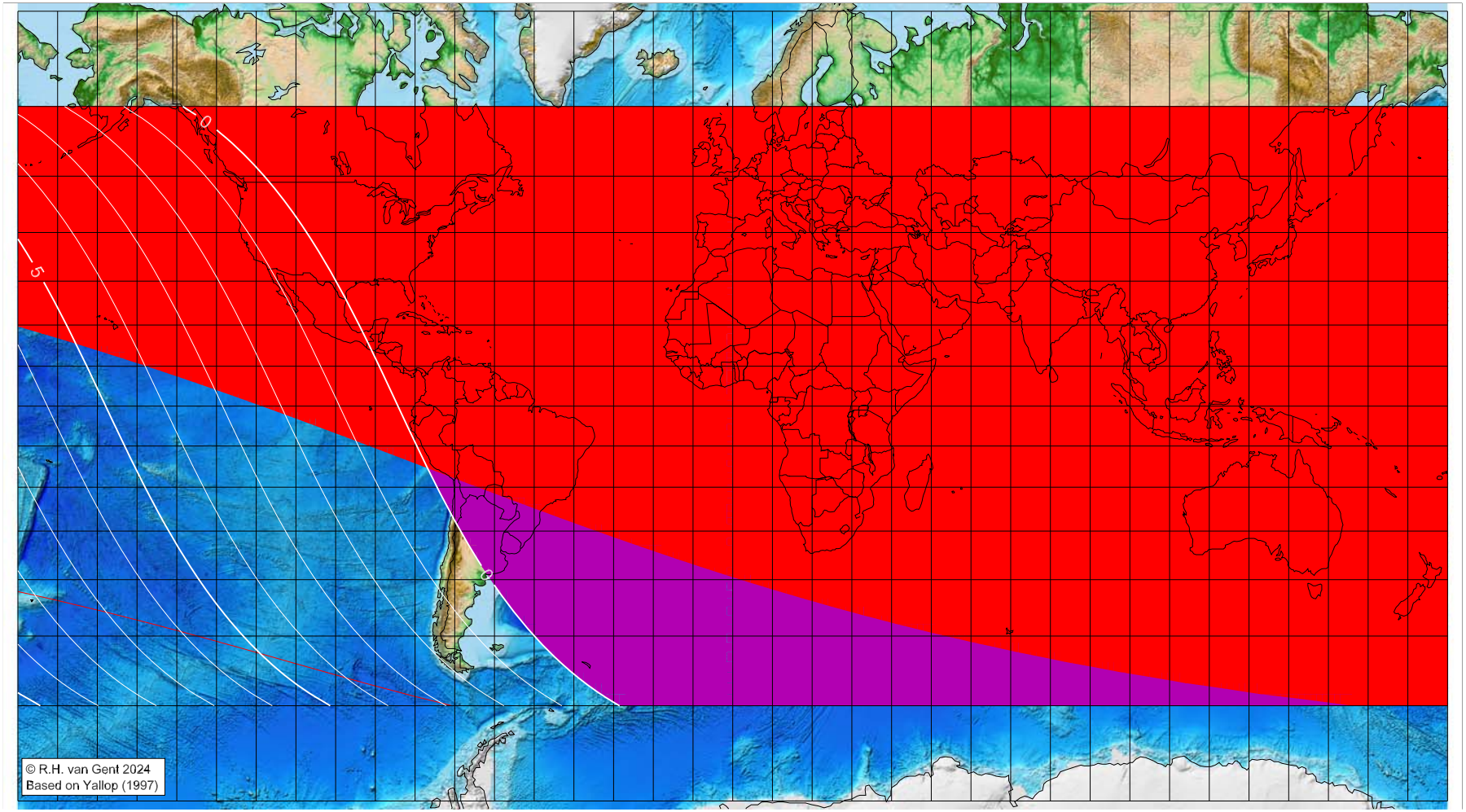
First visibility lunar crescent for Jumādā ʾl-Ākhira 1445 AH

Global visibility map for 12 December 2023 [Tuesday]

Day of luni-solar conjunction



Astronomical New Moon: 12 December 2023, 23h 32.0m (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°)

moonset before sunset

before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1249
Islamic Lunation Number = 17334
TT – UT [= ΔT] = 1.2 min

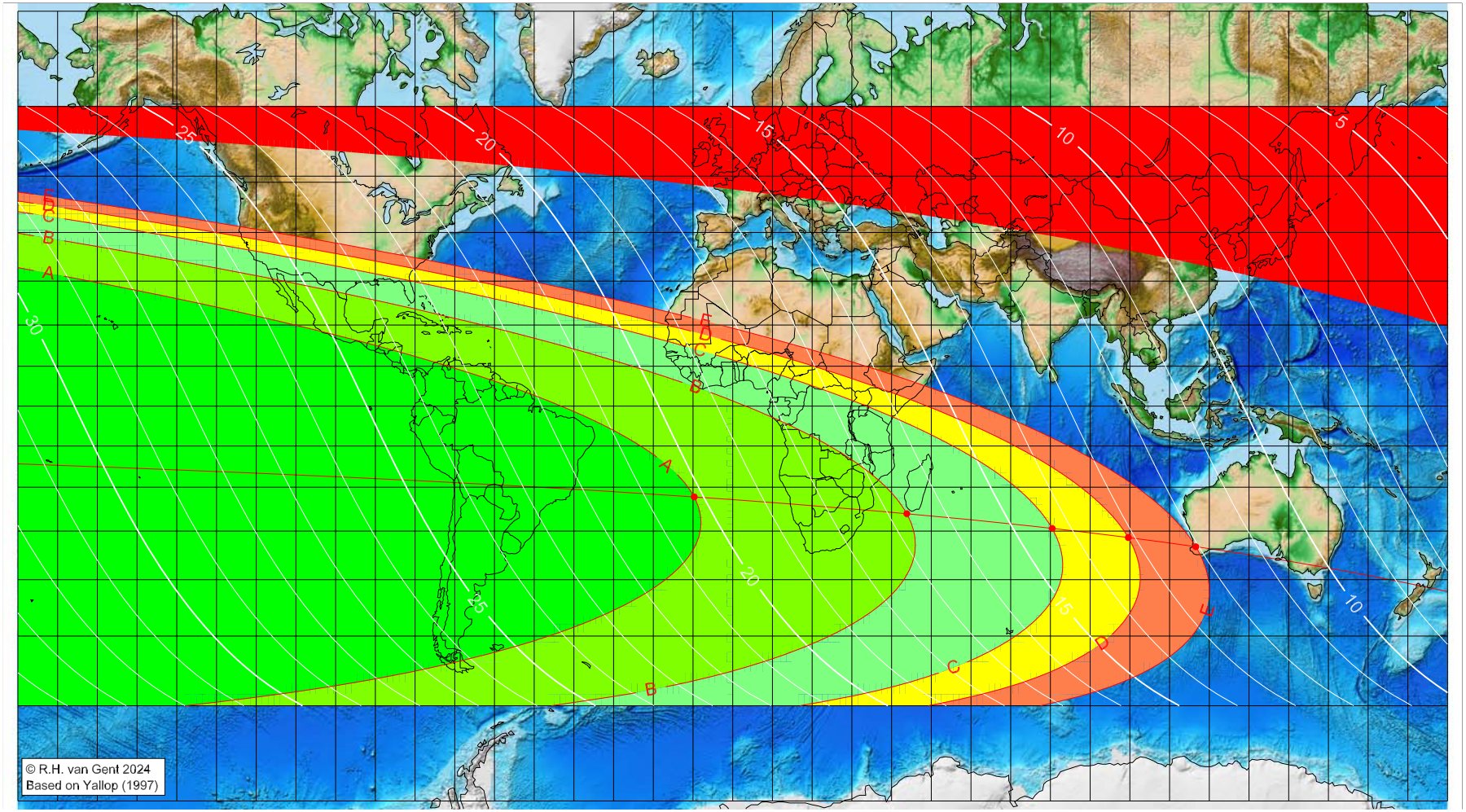
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

First visibility lunar crescent for Jumādā ʾl-Ākhira 1445 AH

Global visibility map for 13 December 2023 [Wednesday]

Day after luni-solar conjunction



Astronomical New Moon: 12 December 2023, 23h 32.0m (UTC)

First visibility (●)

	Longitude (°)	Latitude (°)	Lunar age (h)
A – easily visible to the unaided eye	-9.70	-22.28	20.16
B – visible under perfect atmospheric conditions	43.83	-26.13	16.68
C – visible to the unaided eye after found with optical aid	80.46	-29.42	14.33
D – only visible with binoculars or conventional telescopes	99.61	-31.41	13.12
E – not visible with conventional telescopes	116.60	-33.35	12.05
F – below Danjon limit (7°)			

moonset before sunset

before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1249
Islamic Lunation Number = 17334
TT – UT [= ΔT] = 1.2 min

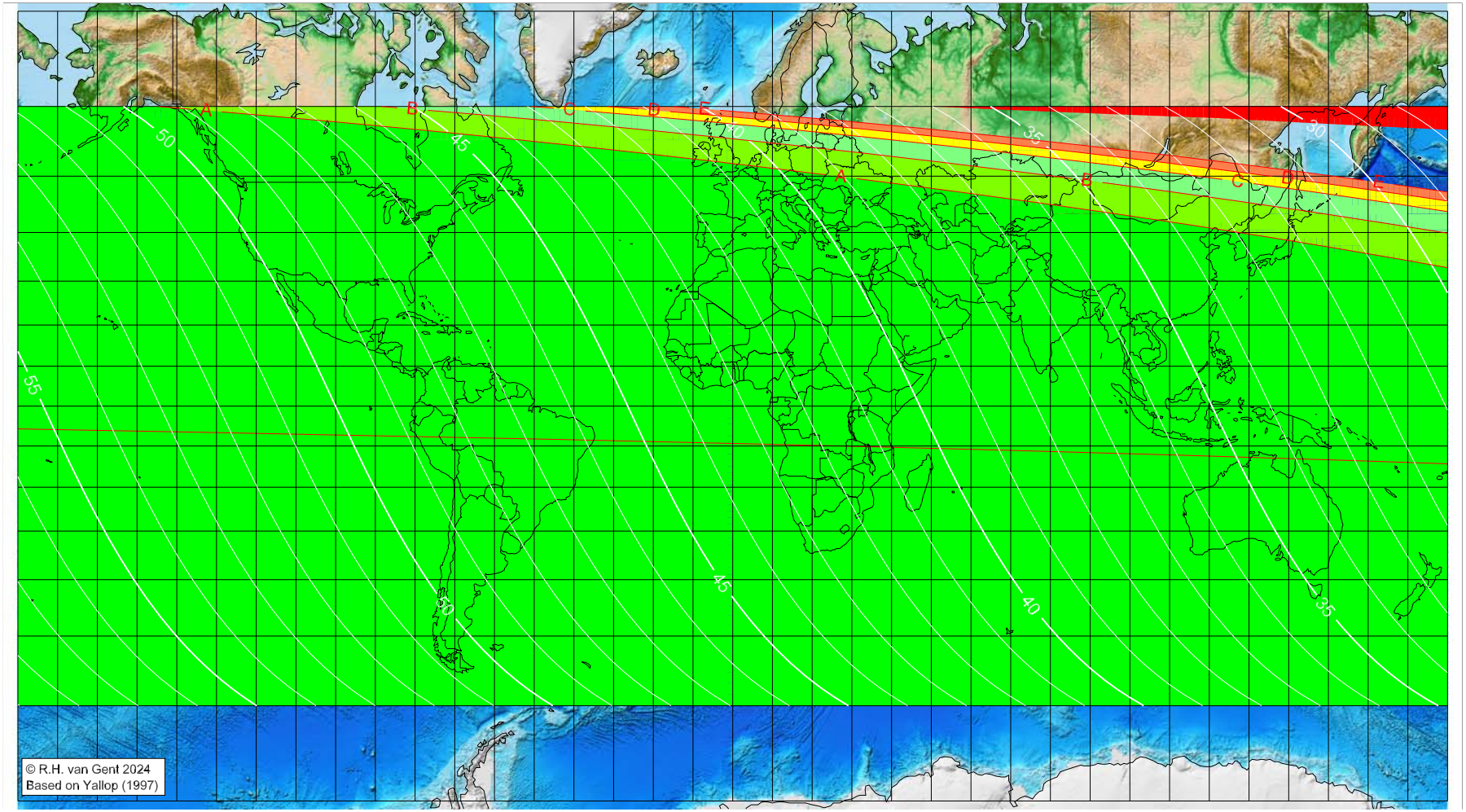
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

First visibility lunar crescent for Jumādā ʾl-Ākhira 1445 AH

Global visibility map for 14 December 2023 [Thursday]

Second day after luni-solar conjunction



Astronomical New Moon: 12 December 2023, 23h 32.0m (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 = 1249
Islamic Lunation Number = 17334
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/