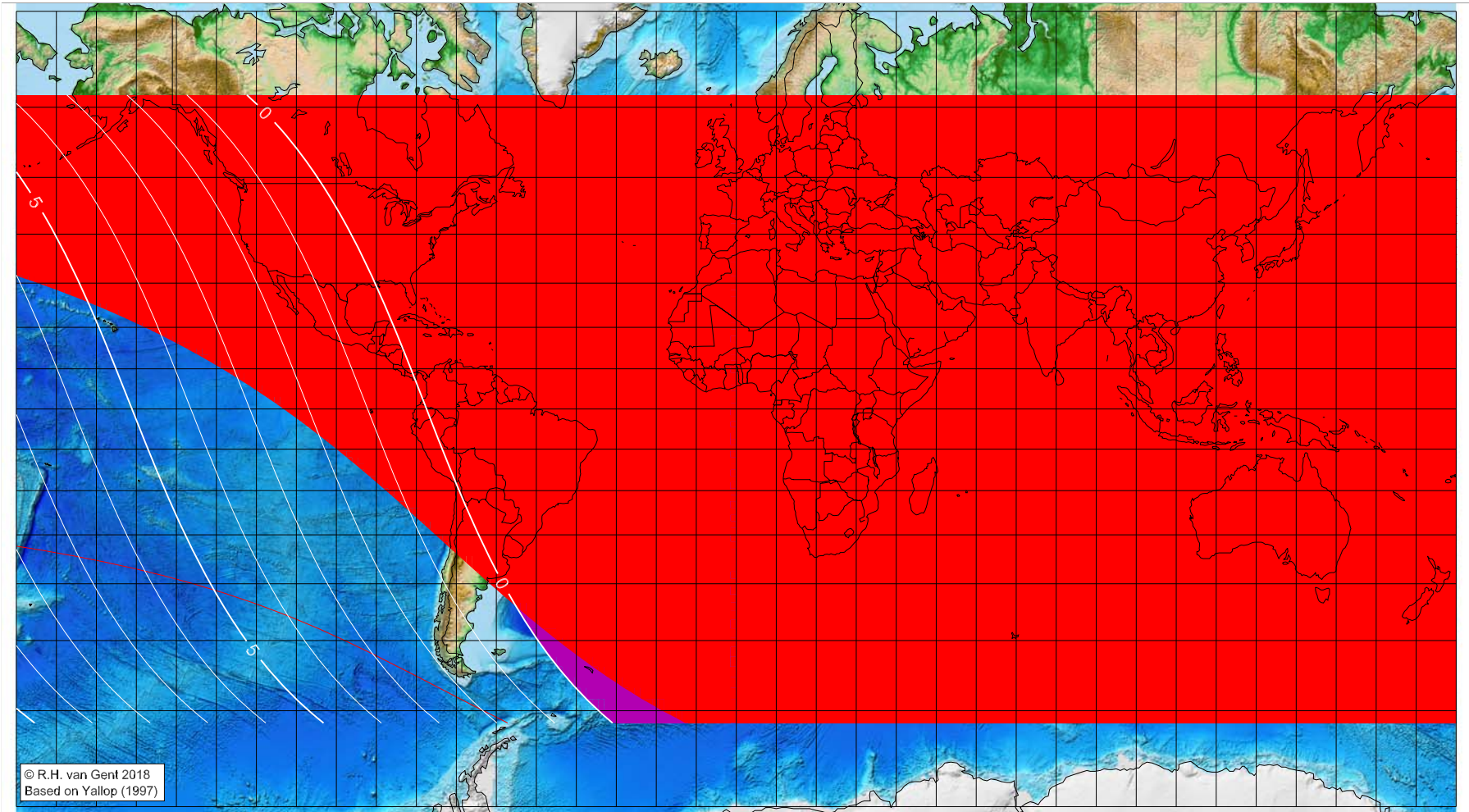


First visibility lunar crescent for Jumādā 'l-Ūlā 1444 AH

Global visibility map for 23 November 2022 [Wednesday]
Day of luni-solar conjunction



Astronomical New Moon: 23 November 2022, 22h 57.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1236
Islamic Lunation Number = 17321
TT - UT [= ΔT] = 1.2 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

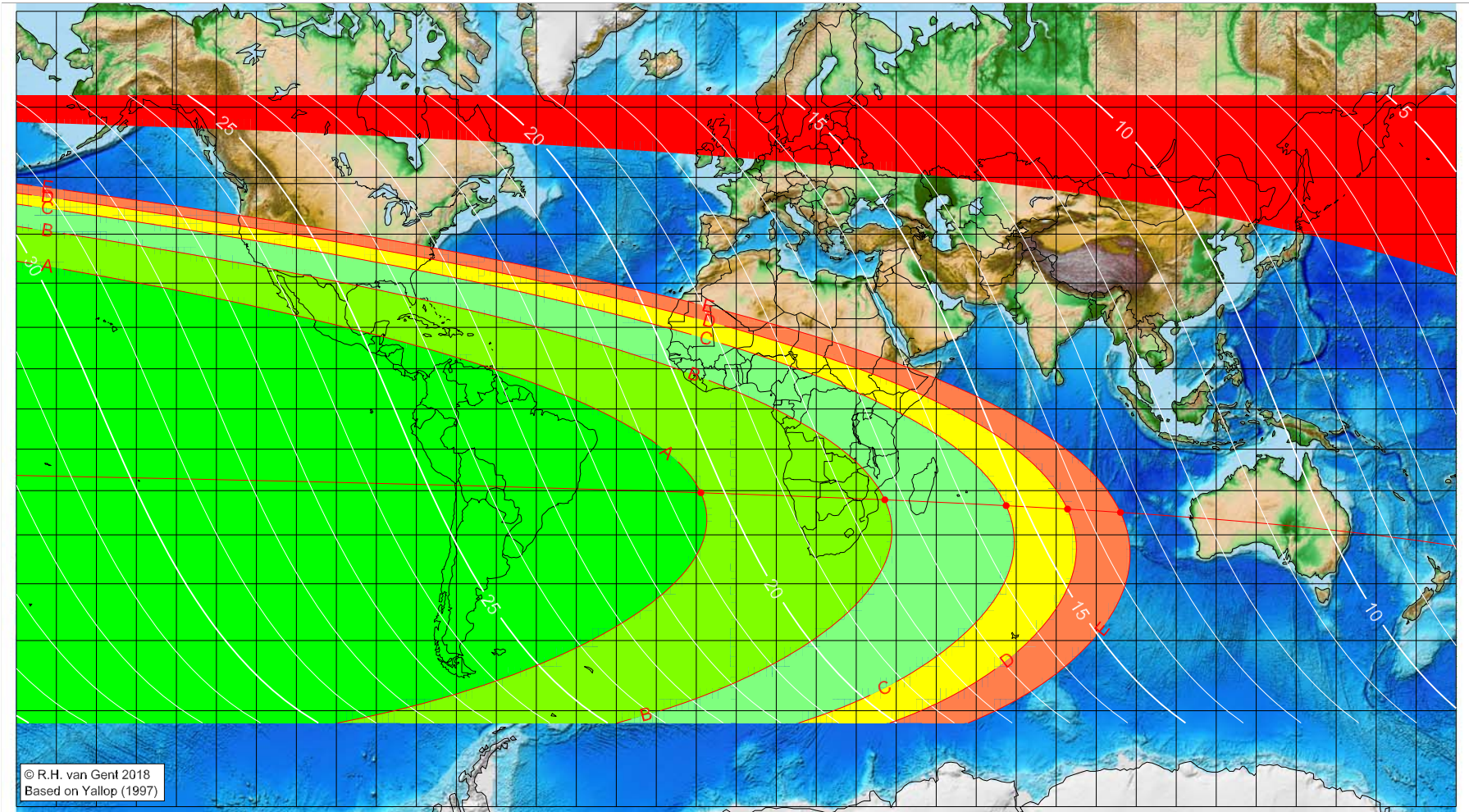
Longitude (°) Latitude (°) Lunar age (h)
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening

■ before conjunction (astronomical new moon)

More info: <http://www.staff.science.uu.nl/~gent0113/>

First visibility lunar crescent for Jumādā 'l-Ūlā 1444 AH

Global visibility map for 24 November 2022 [Thursday]
Day after luni-solar conjunction



Astronomical New Moon: 23 November 2022, 22h 57.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1236

Islamic Lunation Number = 17321

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

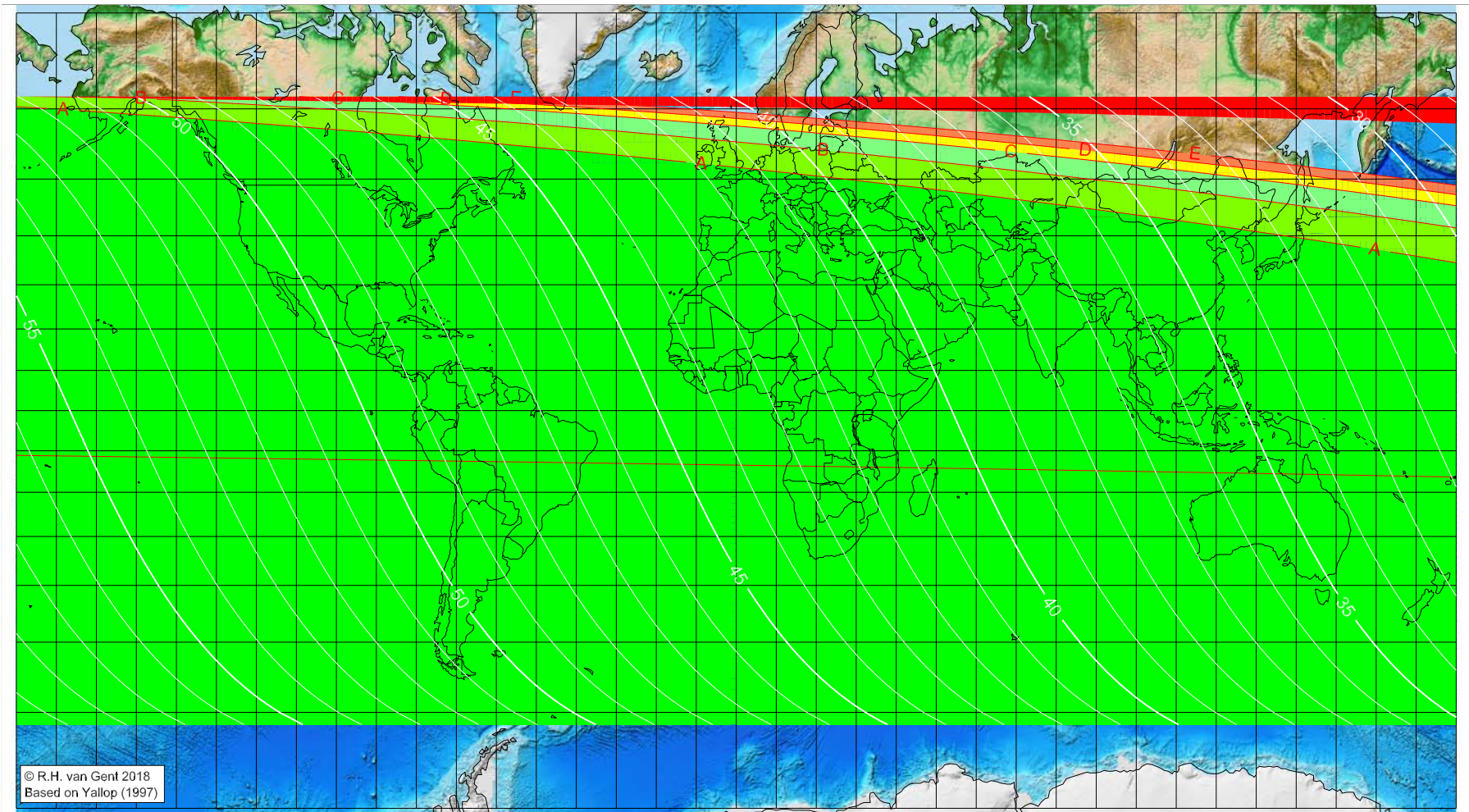
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-8.86	-20.49	20.41
37.14	-22.14	17.33
67.47	-23.48	15.31
82.82	-24.27	14.29
96.06	-25.02	13.42

More info: <http://www.staff.science.uu.nl/~gent0113/>

First visibility lunar crescent for Jumādā 'l-Ūlā 1444 AH

Global visibility map for 25 November 2022 [Friday]
Second day after luni-solar conjunction



Astronomical New Moon: 23 November 2022, 22h 57.3m (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 = 1236
Islamic Lunation Number = 17321
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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

More info: <http://www.staff.science.uu.nl/~gent0113/>