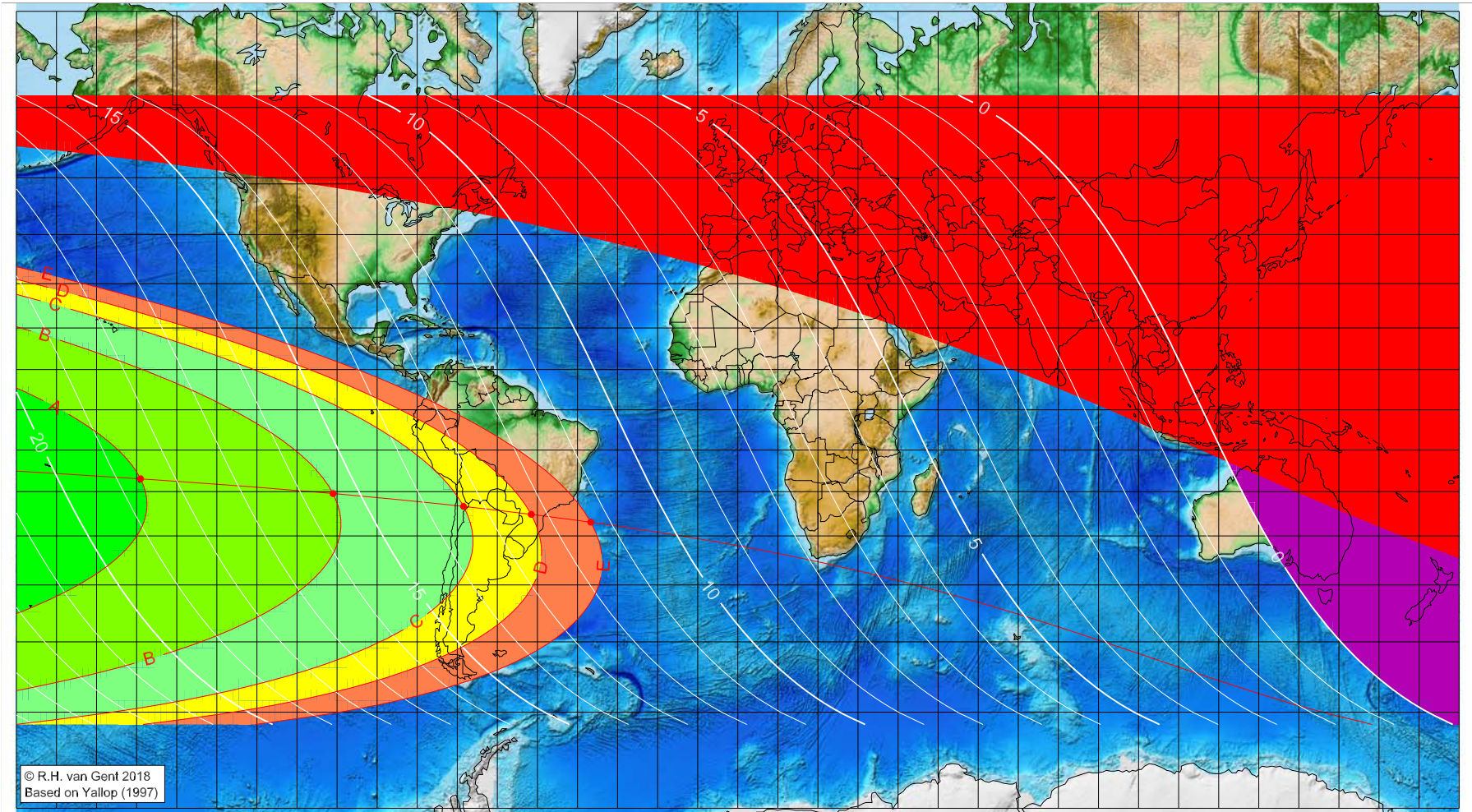


First visibility lunar crescent for Jumādā 'l-Ākhira 1444 AH

Global visibility map for 23 December 2022 [Friday]
Day of luni-solar conjunction



Astronomical New Moon: 23 December 2022, 10h 17.0m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1237
Islamic Lunation Number = 17322
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
- before conjunction (astronomical new moon)

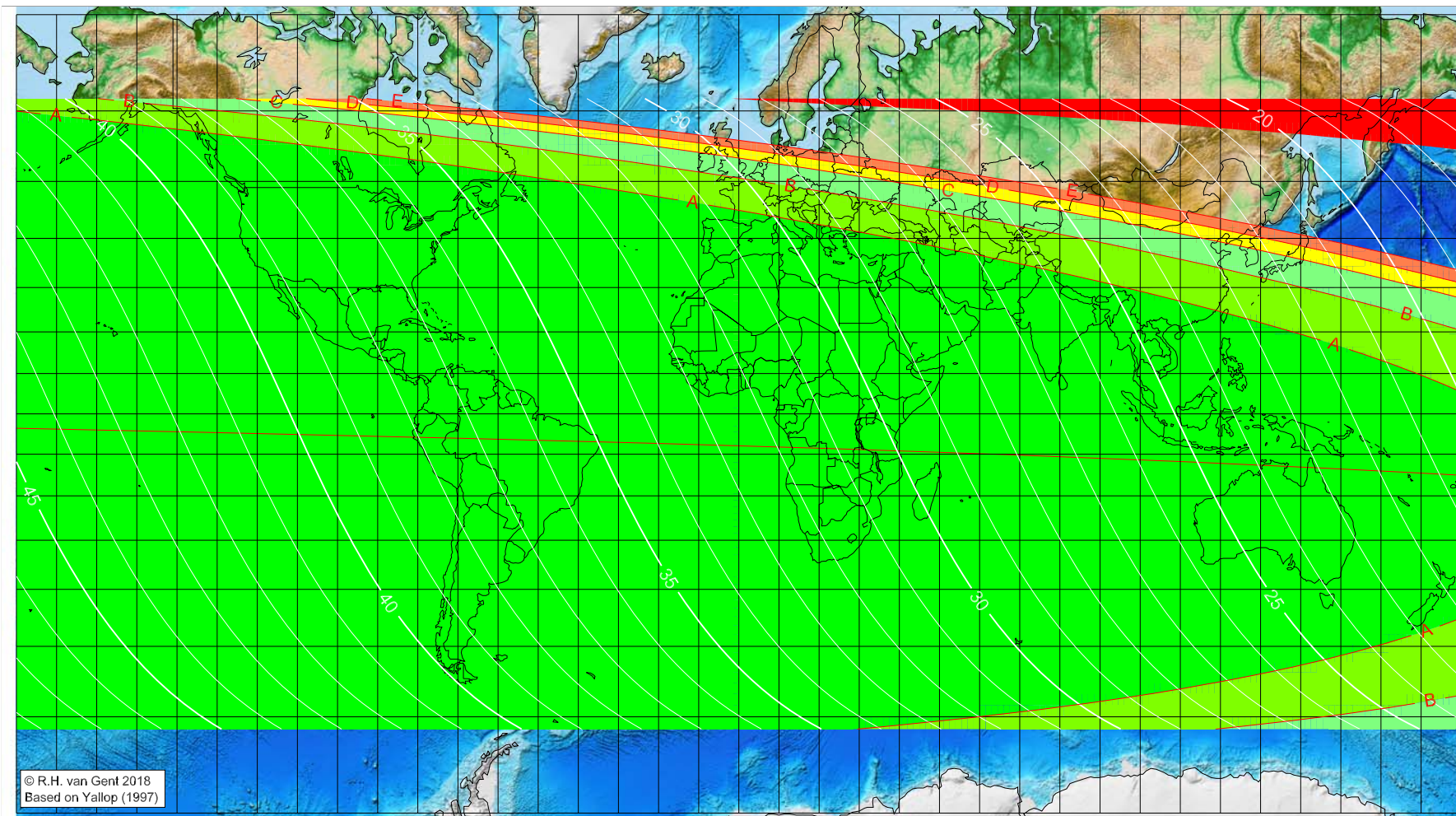
Longitude (°)	Latitude (°)	Lunar age (h)
-149.03	-16.96	18.60
-100.98	-20.46	15.46
-68.43	-23.44	13.35
-51.54	-25.24	12.28
-36.68	-26.98	11.34

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/>

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

Global visibility map for 24 December 2022 [Saturday]
Day after luni-solar conjunction



Astronomical New Moon: 23 December 2022, 10h 17.0m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1237
Islamic Lunation Number = 17322
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

■ before conjunction (astronomical new moon)

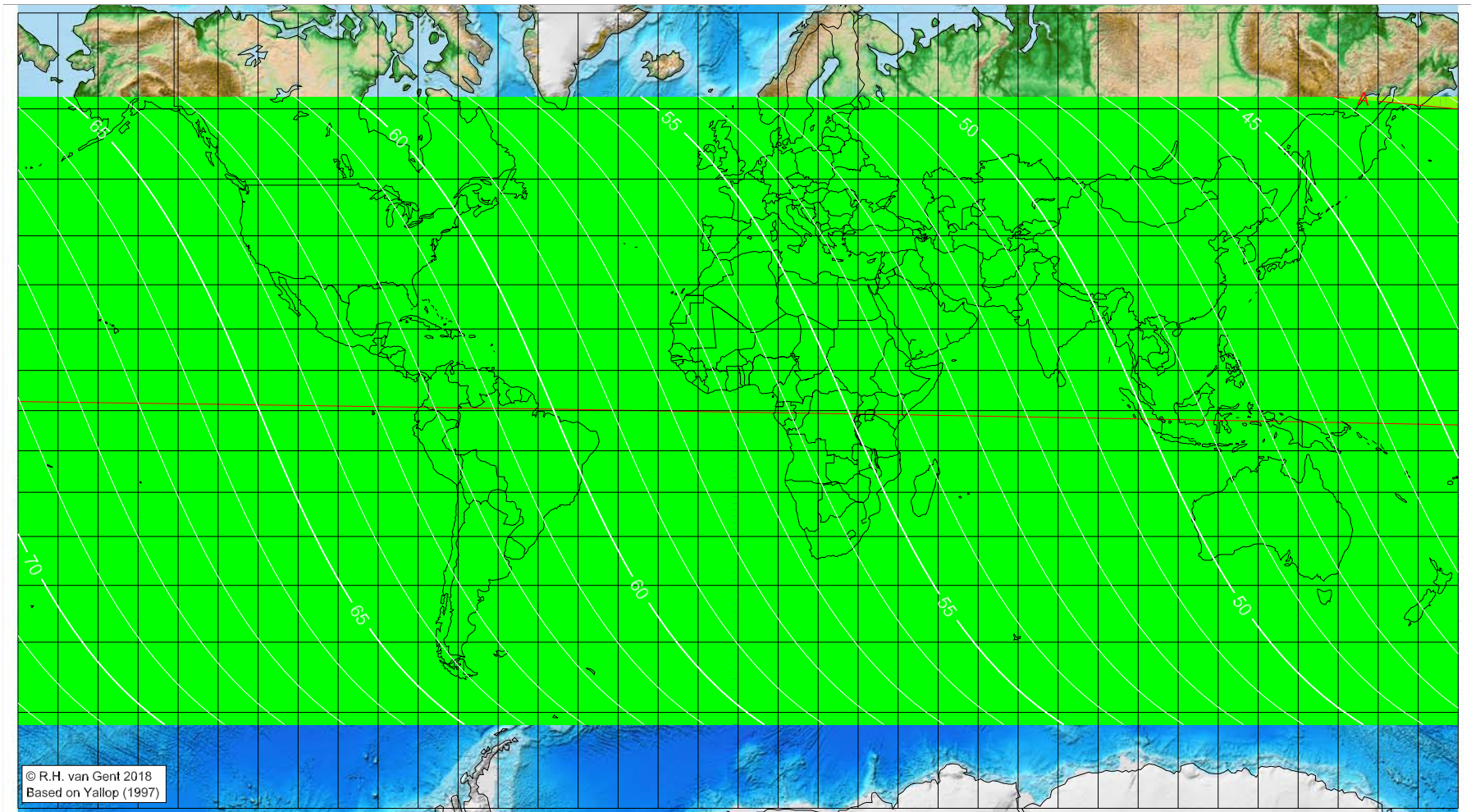
Longitude (°) Latitude (°) Lunar age (h)
visible on the previous evening
visible on the previous evening
visible on the previous evening
visible on the previous evening
visible on the previous evening

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/>

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

Global visibility map for 25 December 2022 [Sunday]
 Second day after luni-solar conjunction



Astronomical New Moon: 23 December 2022, 10h 17.0m (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 = 1237
 Islamic Lunation Number = 17322
 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: <http://www.staff.science.uu.nl/~gent0113/>