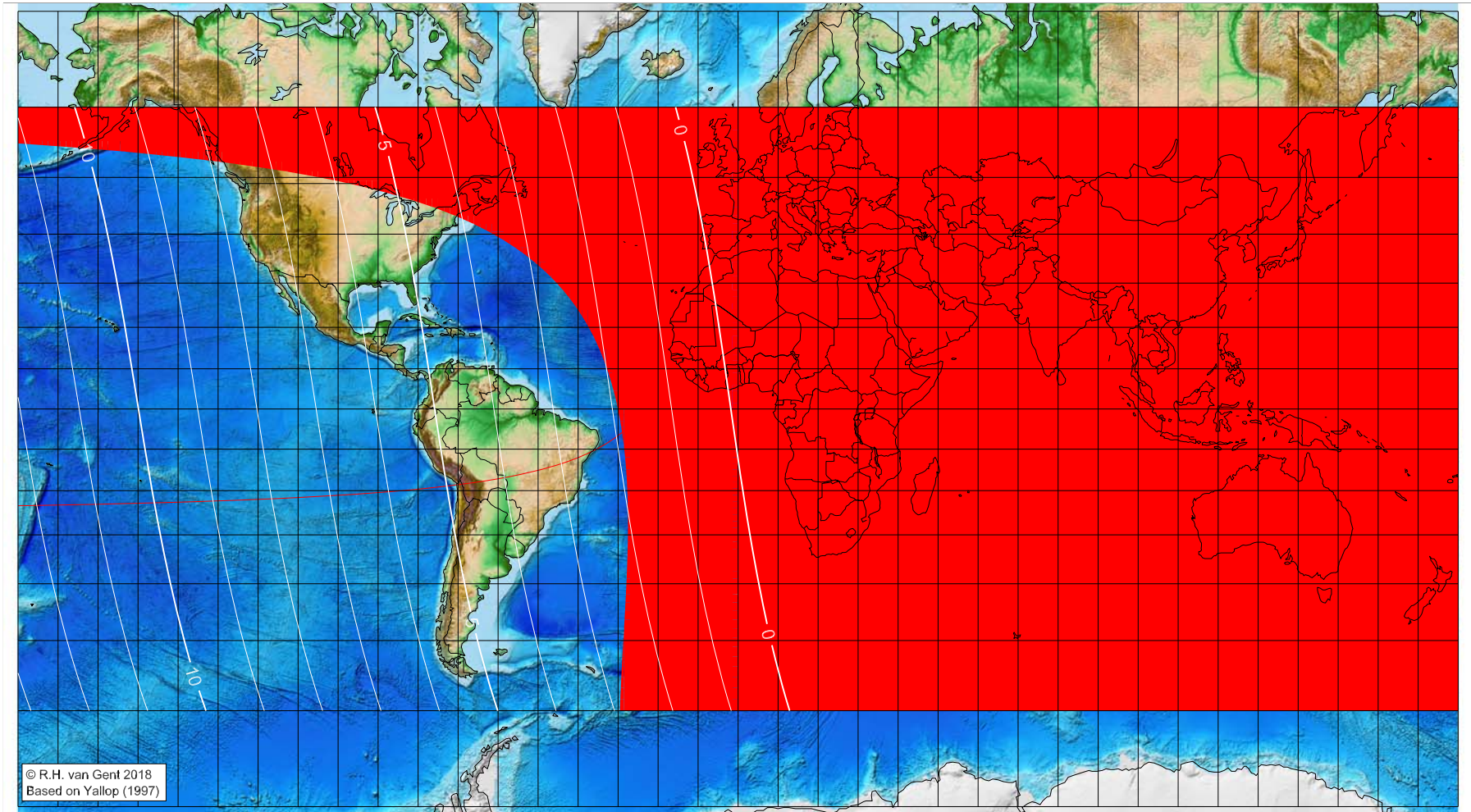


# First visibility lunar crescent for Rabīʿ al-Ākhir 1445 AH

Global visibility map for 14 October 2023 [Saturday]  
Day of luni-solar conjunction



Astronomical New Moon: 14 October 2023, 17h 55.1m (UTC)

First visibility (•)

- 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)  
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

Astronomical (Brown) Lunation Number = 1247  
Islamic Lunation Number = 17332  
TT – UT [= ΔT] = 1.2 min

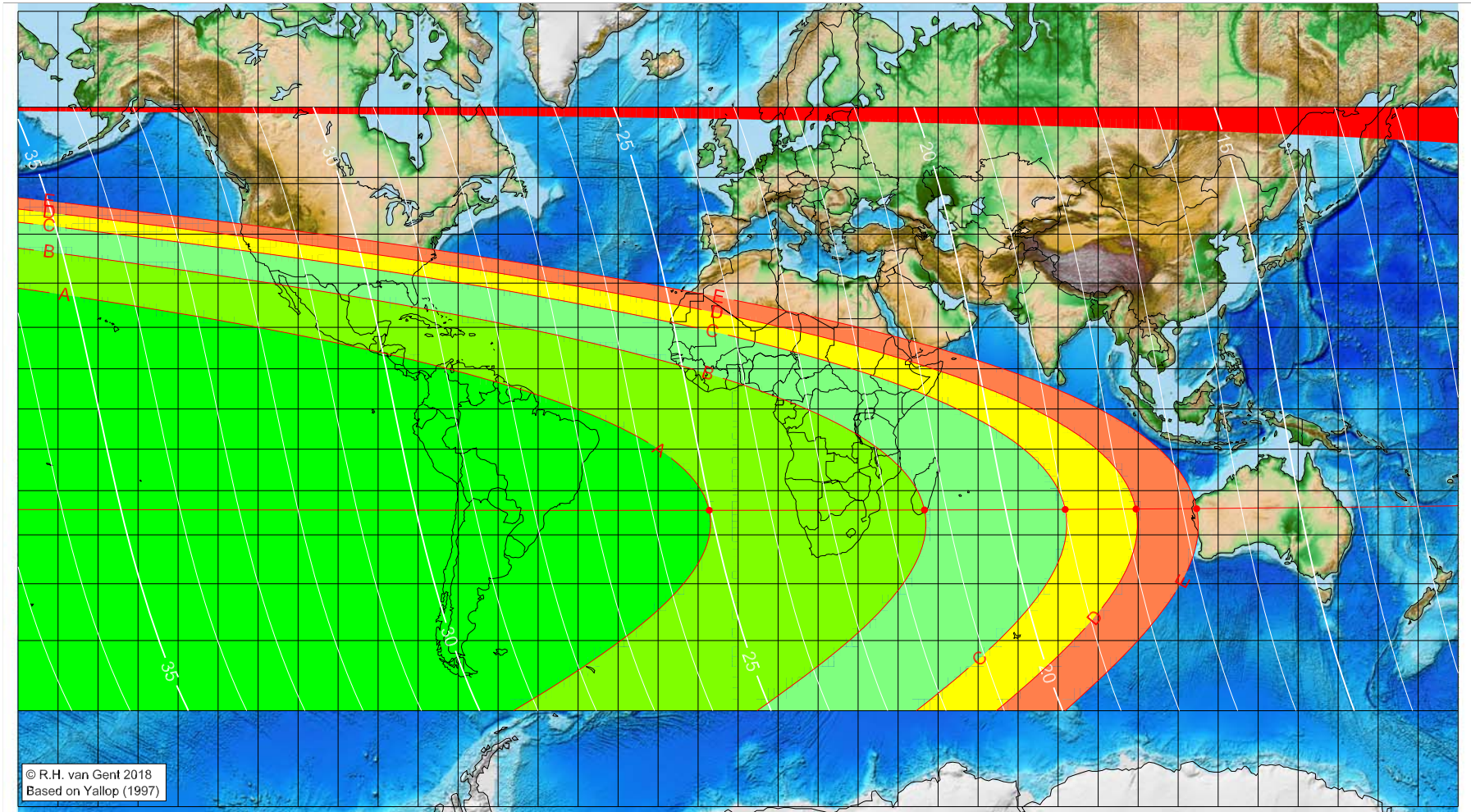
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

More info: <http://www.staff.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 55.1m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-7.22	-24.55	25.03
46.58	-24.47	21.38
81.77	-24.36	18.99
99.46	-24.27	17.79
114.62	-24.18	16.76

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

□ F – below Danjon limit (7°)

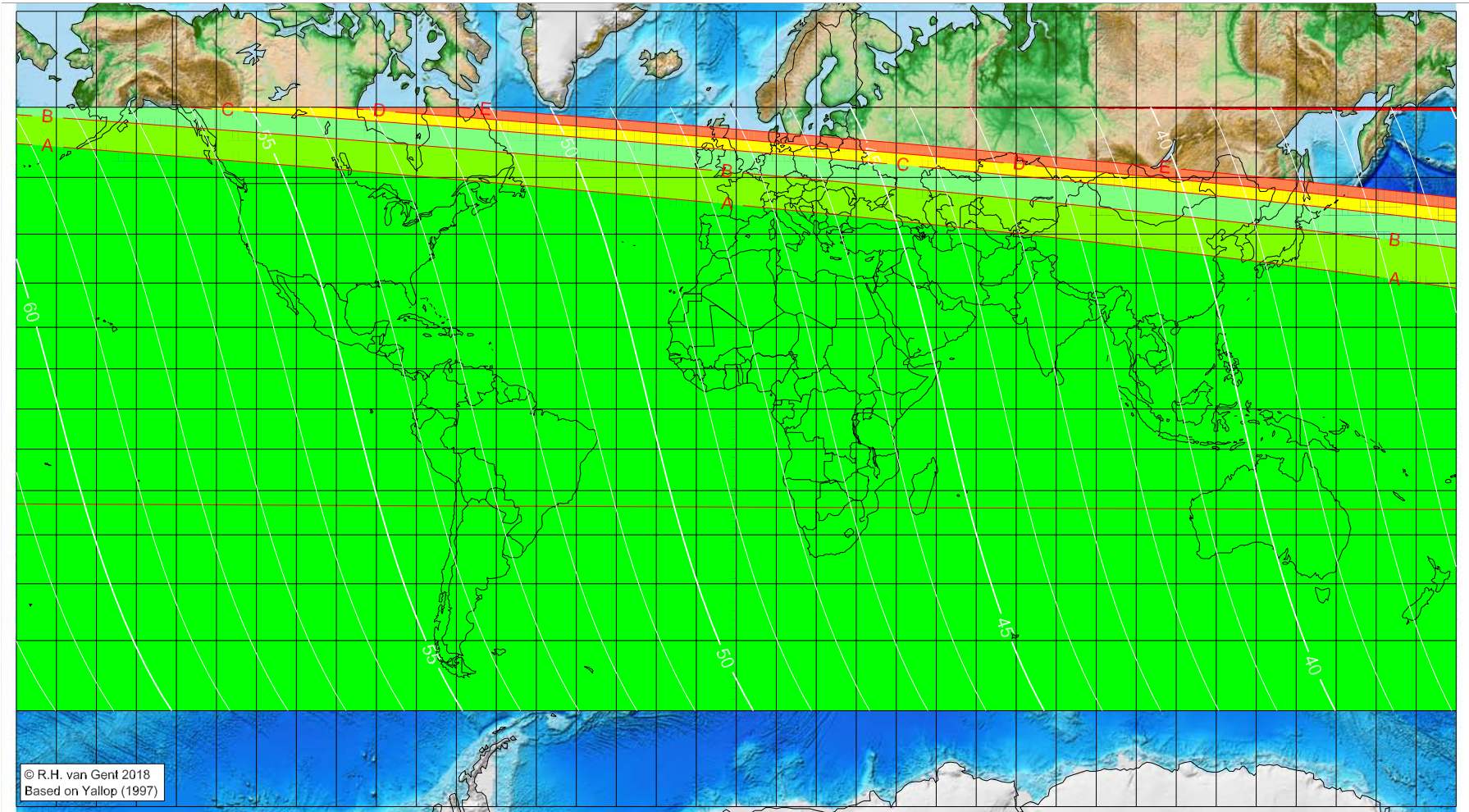
■ moonset before sunset

■ before conjunction (astronomical new moon)

More info: <http://www.staff.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 55.1m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1247  
Islamic Lunation Number = 17332  
TT – UT [=  $\Delta T$ ] = 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/>