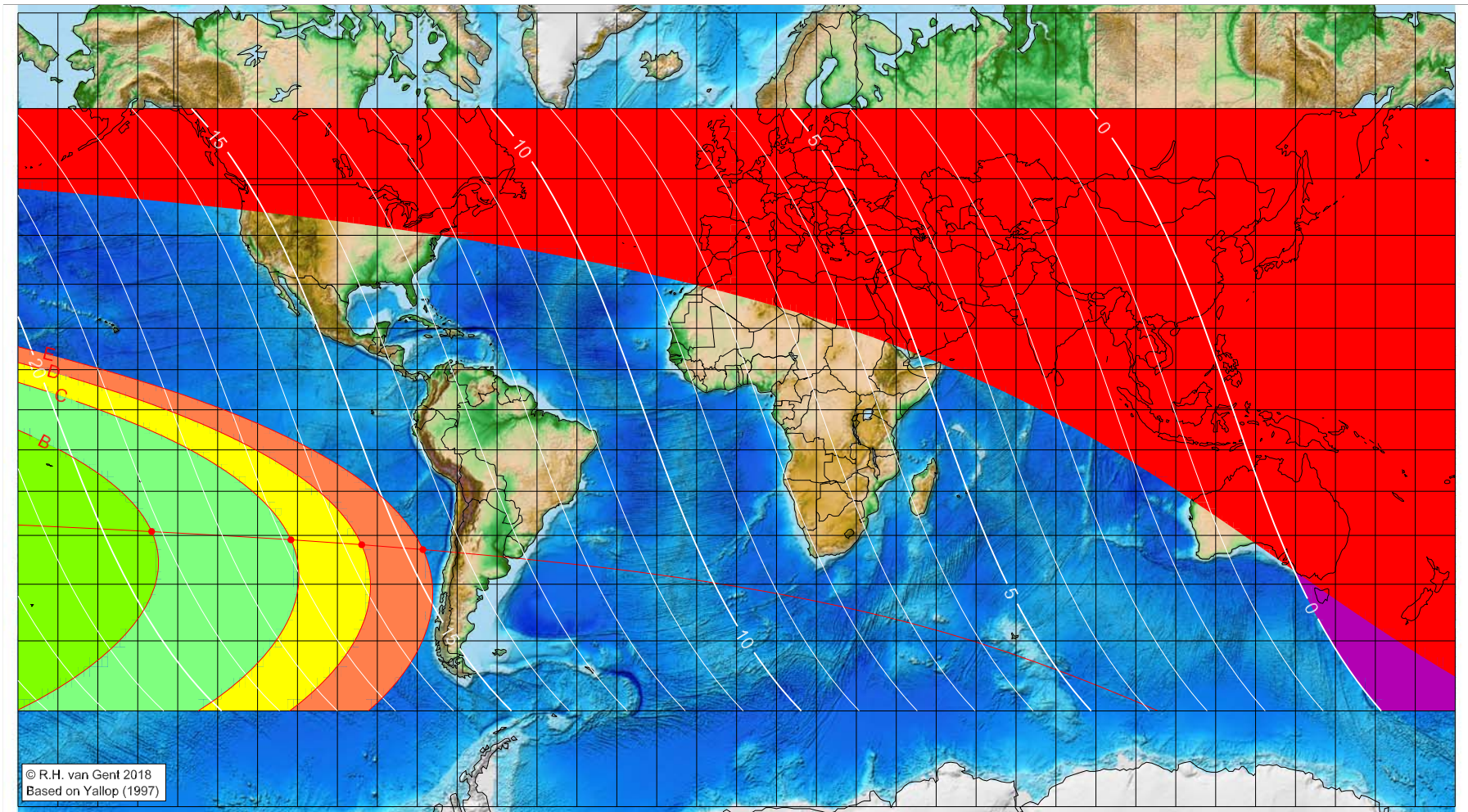


First visibility lunar crescent for Jumādā 'l-Ūlā 1445 AH

Global visibility map for 13 November 2023 [Monday]
Day of luni-solar conjunction



Astronomical New Moon: 13 November 2023, 9h 27.4m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-146.52	-29.16	19.17
-111.64	-30.95	16.86
-93.91	-32.01	15.70
-78.57	-33.03	14.69

- 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)

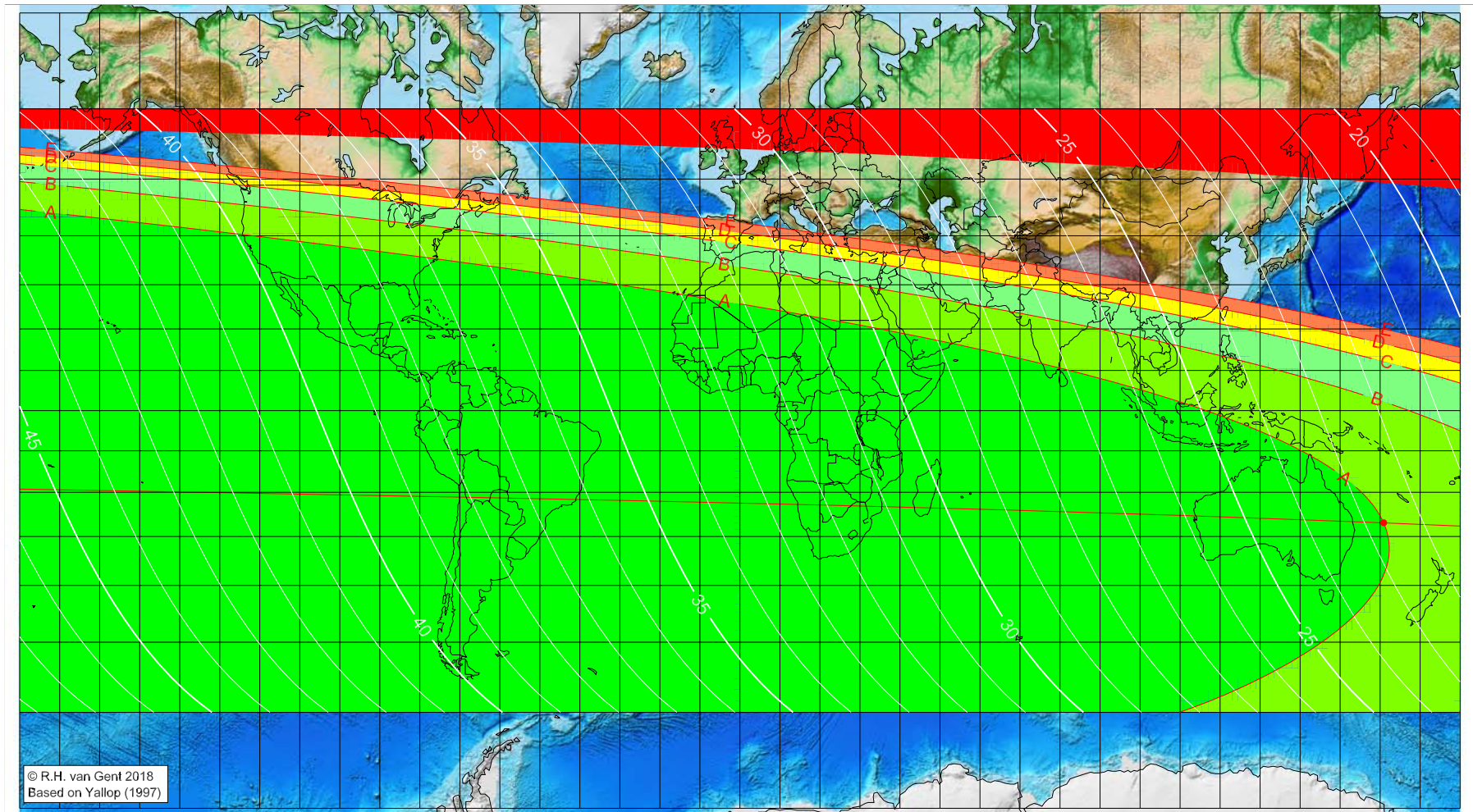
Astronomical (Brown) Lunation Number = 1248
Islamic Lunation Number = 17333
TT – UT [= ΔT] = 1.2 min

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 Jumādā 'l-Ūlā 1445 AH

Global visibility map for 14 November 2023 [Tuesday]
Day after luni-solar conjunction



Astronomical New Moon: 13 November 2023, 9h 27.4m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
160.90	-26.99	22.67
visible on the previous evening		
visible on the previous evening		
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1248
Islamic Lunation Number = 17333
TT - UT [= ΔT] = 1.2 min

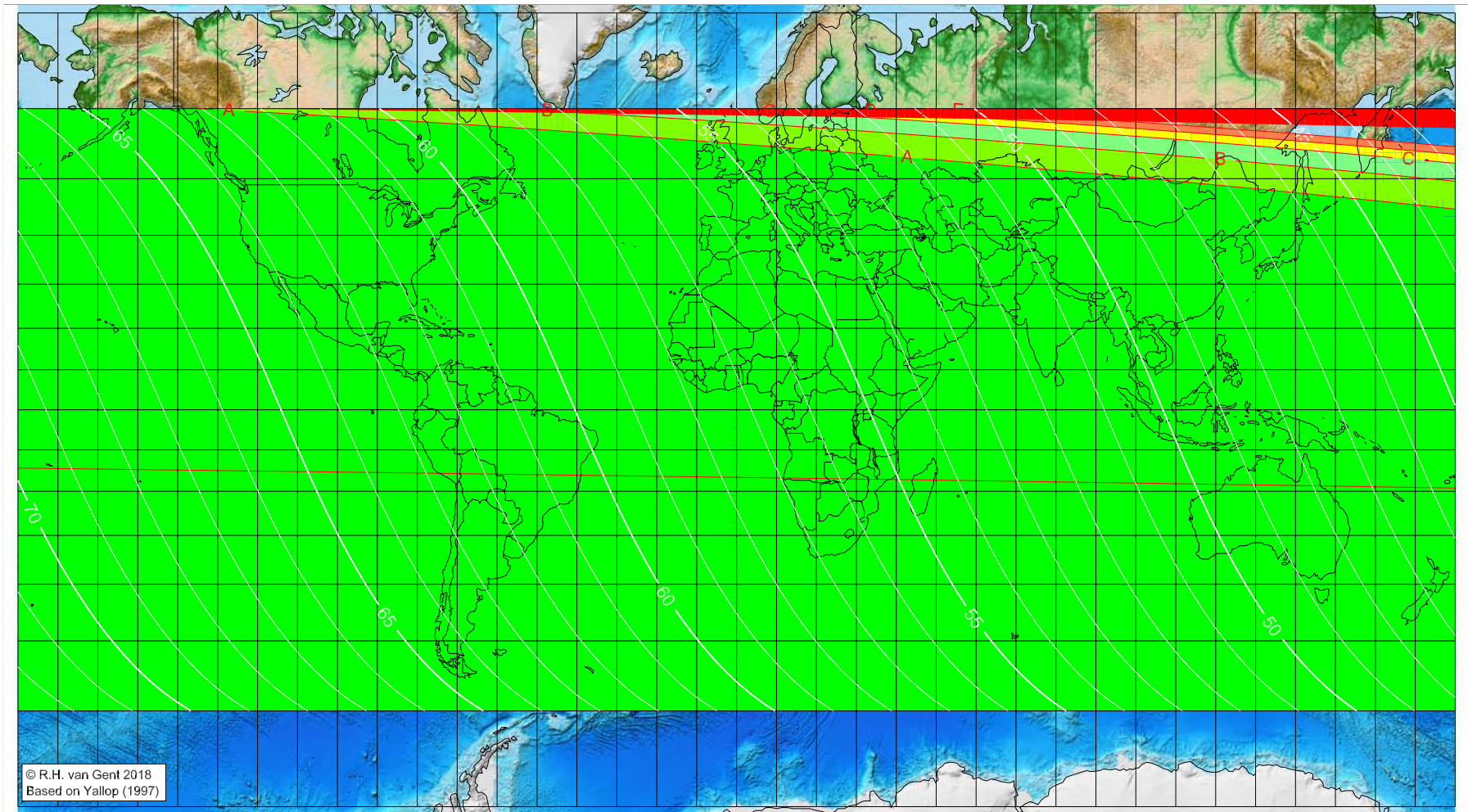
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- 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)

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

First visibility lunar crescent for Jumādā 'l-Ūlā 1445 AH

Global visibility map for 15 November 2023 [Wednesday]
Second day after luni-solar conjunction



Astronomical New Moon: 13 November 2023, 9h 27.4m (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 = 1248
Islamic Lunation Number = 17333
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>