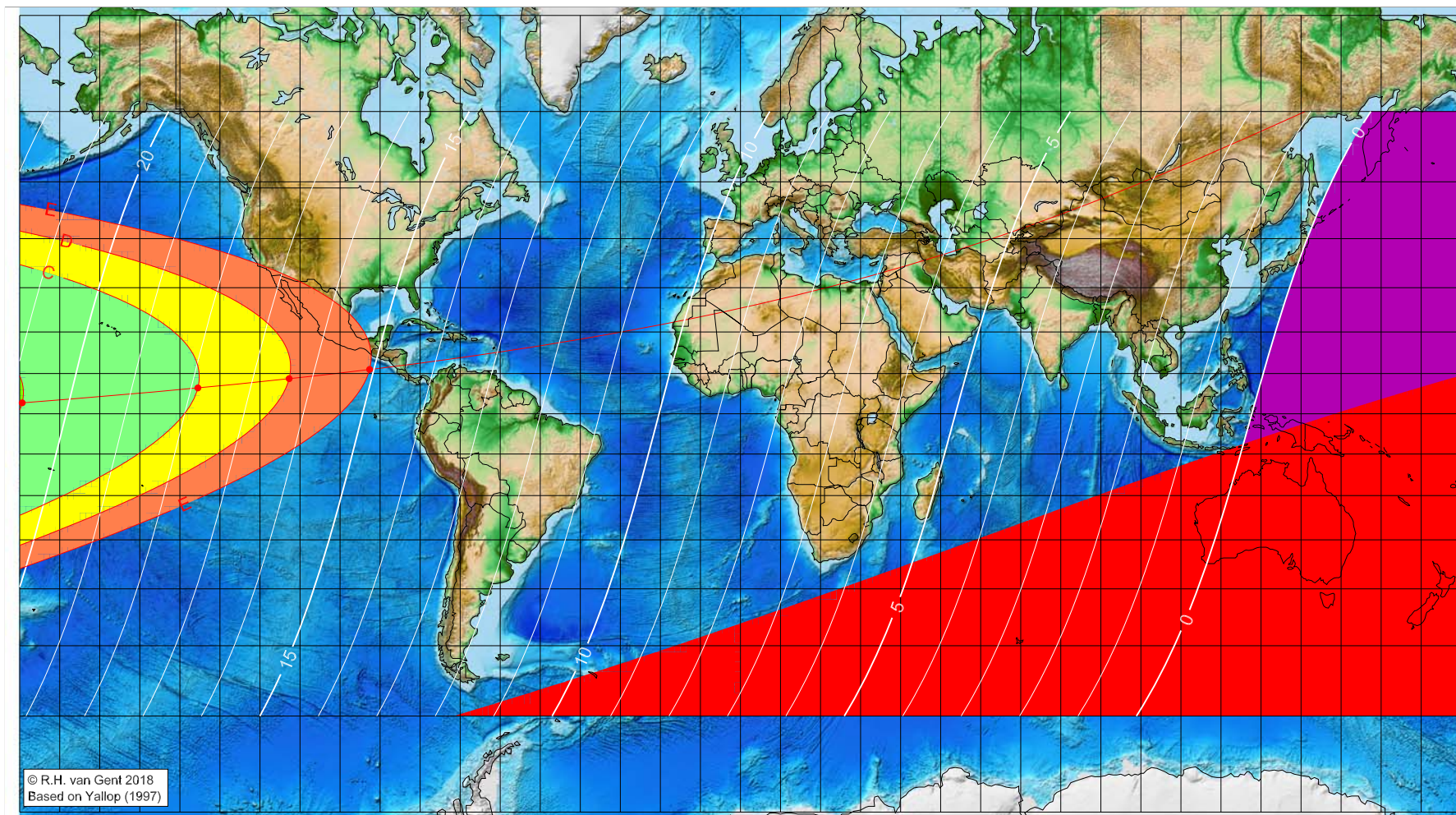


First visibility lunar crescent for Şafar 1445 AH

Global visibility map for 16 August 2023 [Wednesday]
Day of luni-solar conjunction



Astronomical New Moon: 16 August 2023, 9h 38.0m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-179.38	2.73	20.78
-135.50	6.44	17.89
-112.71	8.73	16.39
-92.61	10.99	15.07

- 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)

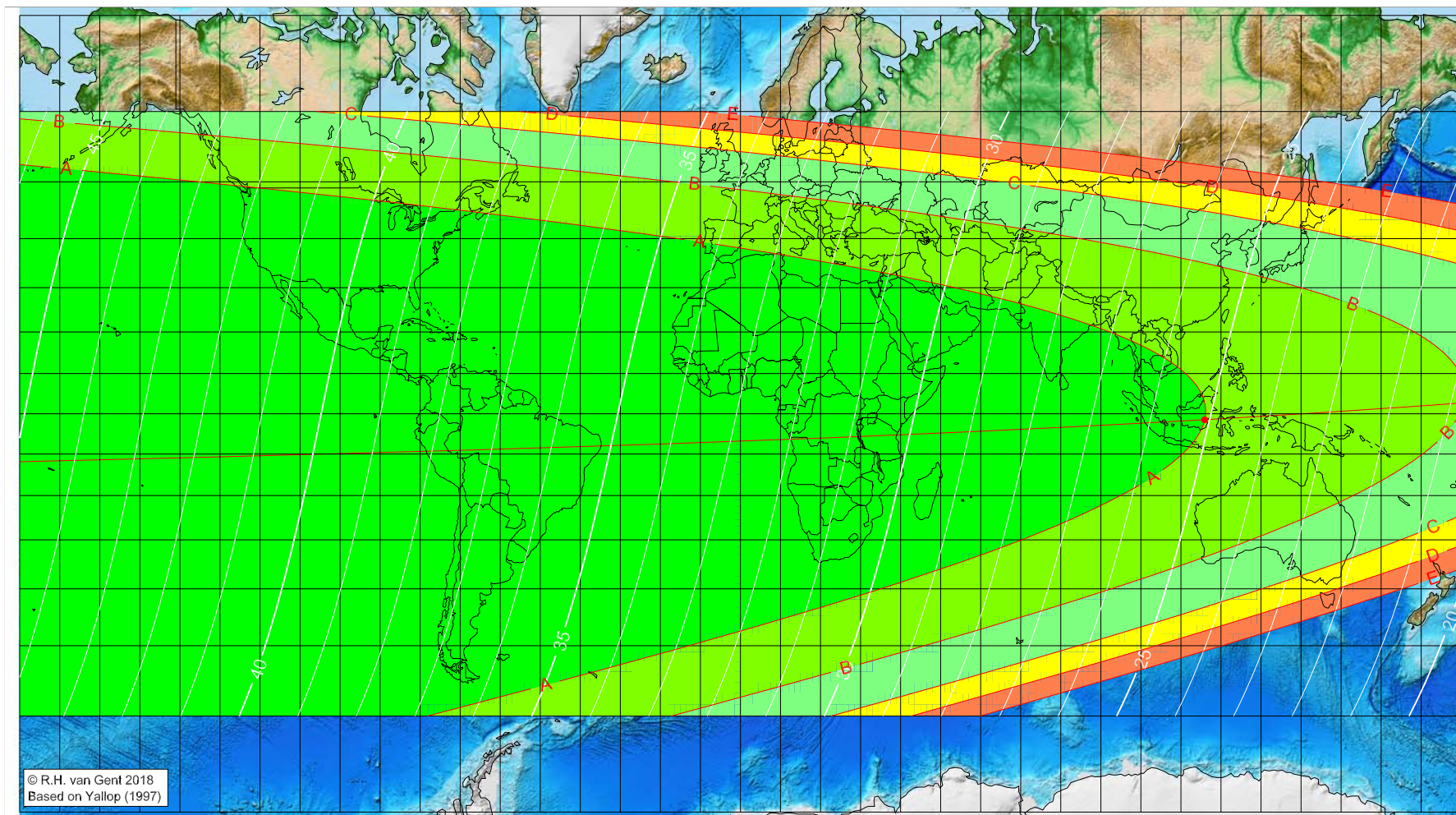
Astronomical (Brown) Lunation Number = 1245
Islamic Lunation Number = 17330
TT – UT [= ΔT] = 1.2 min

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 Şafar 1445 AH

Global visibility map for 17 August 2023 [Thursday]
Day after luni-solar conjunction



Astronomical New Moon: 16 August 2023, 9h 38.0m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
115.94	-1.51	25.08
visible on the previous evening		
visible on the previous evening		
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1245
Islamic Lunation Number = 17330
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°)

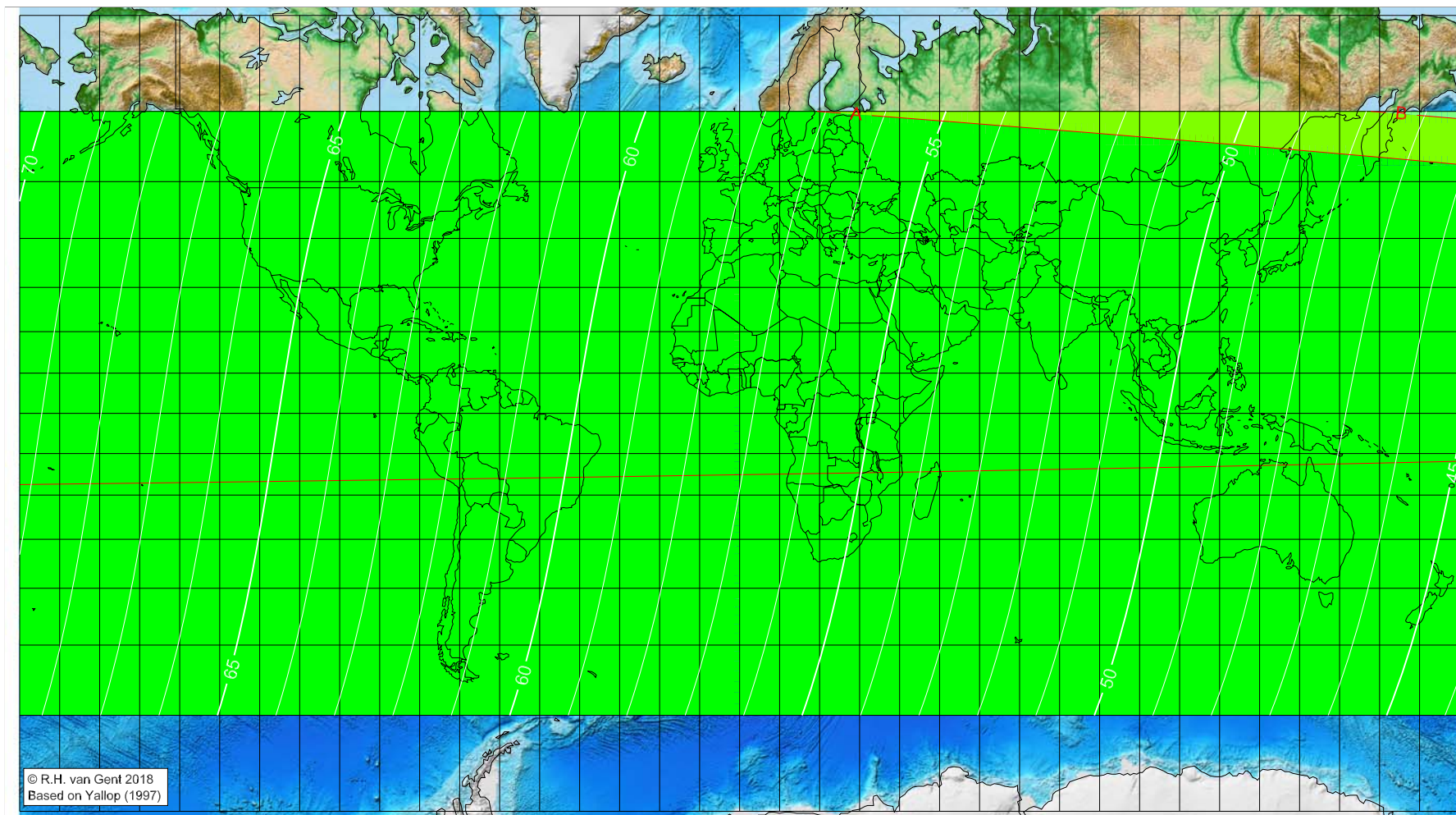
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Şafar 1445 AH

Global visibility map for 18 August 2023 [Friday]
Second day after luni-solar conjunction



Astronomical New Moon: 16 August 2023, 9h 38.0m (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) Lutation Number = 1245
Islamic Lutation Number = 17330
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>