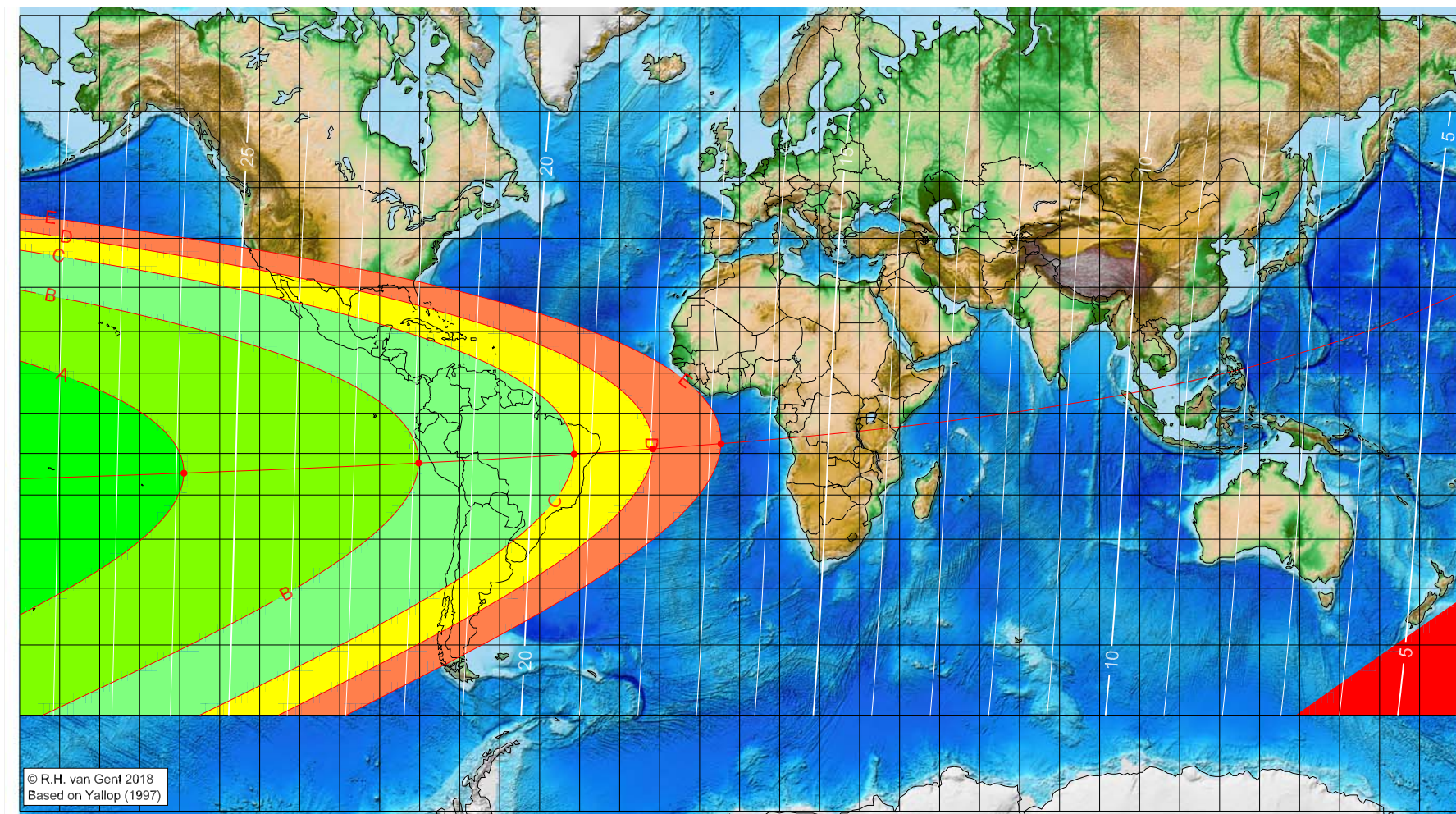


First visibility lunar crescent for Rabīʿ al-Awwal 1445 AH

Global visibility map for 15 September 2023 [Friday]
Day of luni-solar conjunction



Astronomical New Moon: 15 September 2023, 1h 39.7m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-138.93	-14.81	25.87
-80.24	-12.34	21.91
-41.41	-10.19	19.29
-21.69	-8.88	17.96
-4.65	-7.61	16.81

Astronomical (Brown) Lunation Number = 1246
Islamic Lunation Number = 17331
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°)

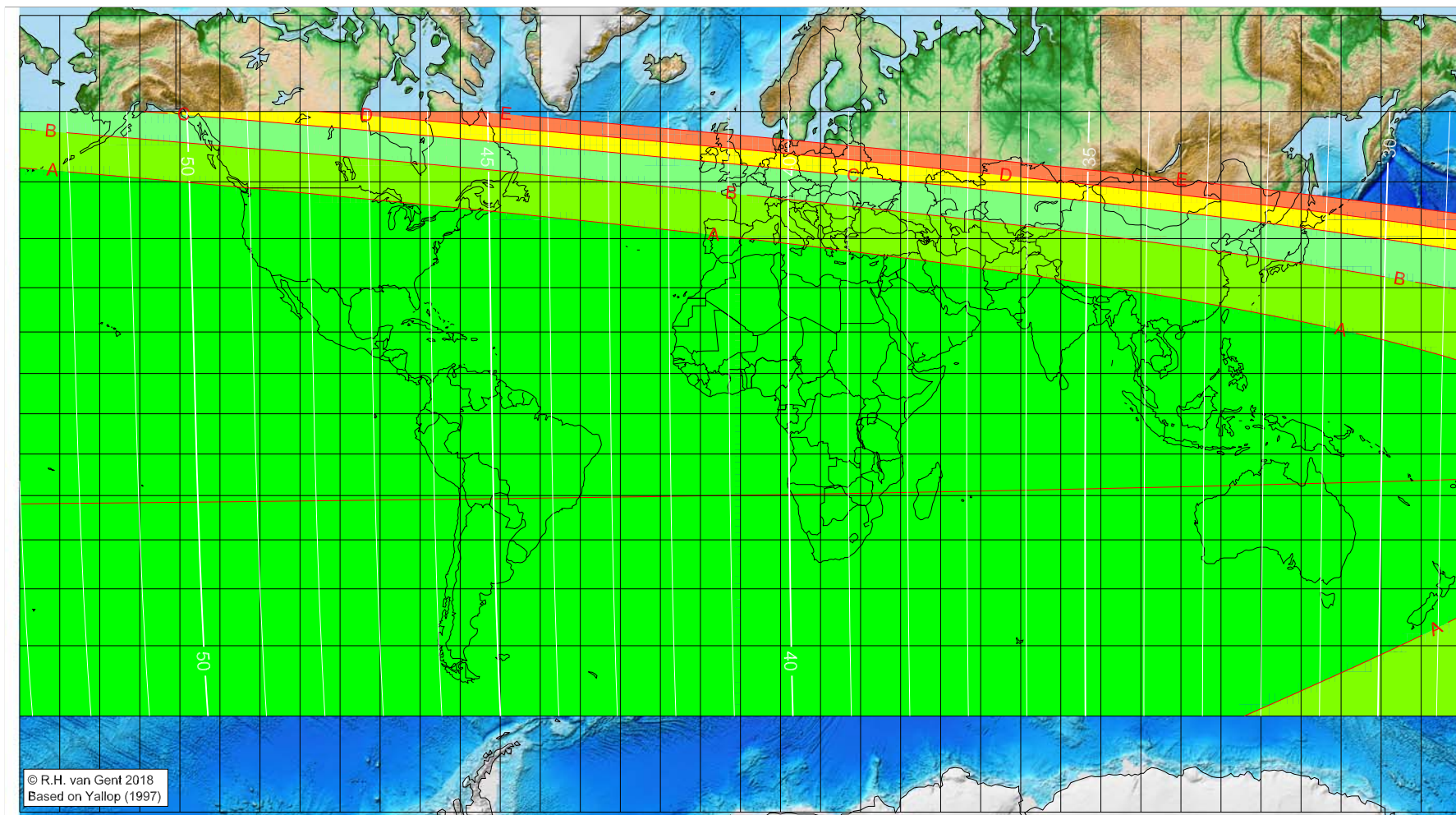
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rabīʿ al-Awwal 1445 AH

Global visibility map for 16 September 2023 [Saturday]
Day after luni-solar conjunction



Astronomical New Moon: 15 September 2023, 1h 39.7m (UTC)

First visibility (•)

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

Astronomical (Brown) Lunation Number = 1246
Islamic Lunation Number = 17331
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°)

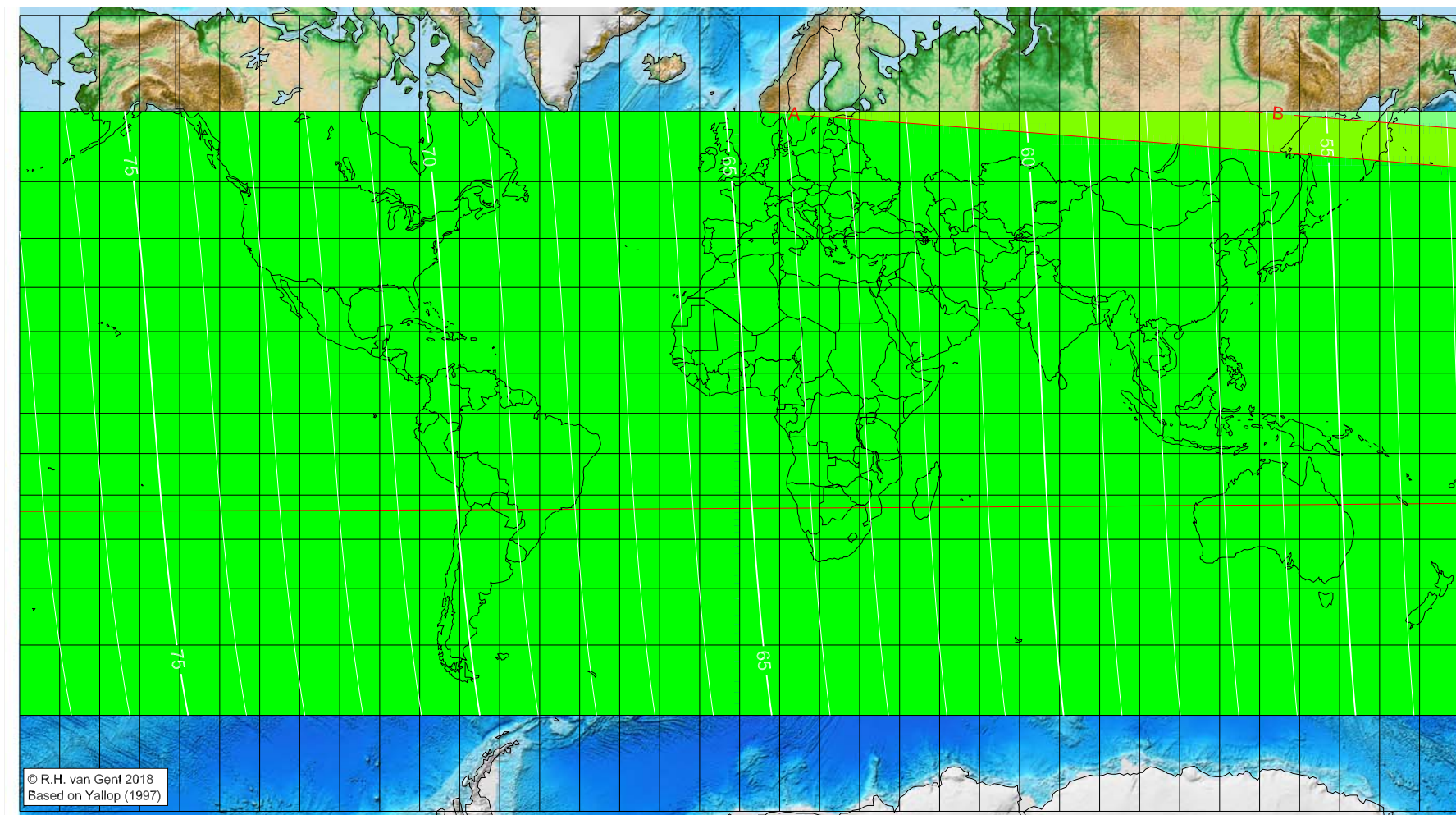
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rabīʿ al-Awwal 1445 AH

Global visibility map for 17 September 2023 [Sunday]
Second day after luni-solar conjunction



Astronomical New Moon: 15 September 2023, 1h 39.7m (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 = 1246
Islamic Lutation Number = 17331
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/>