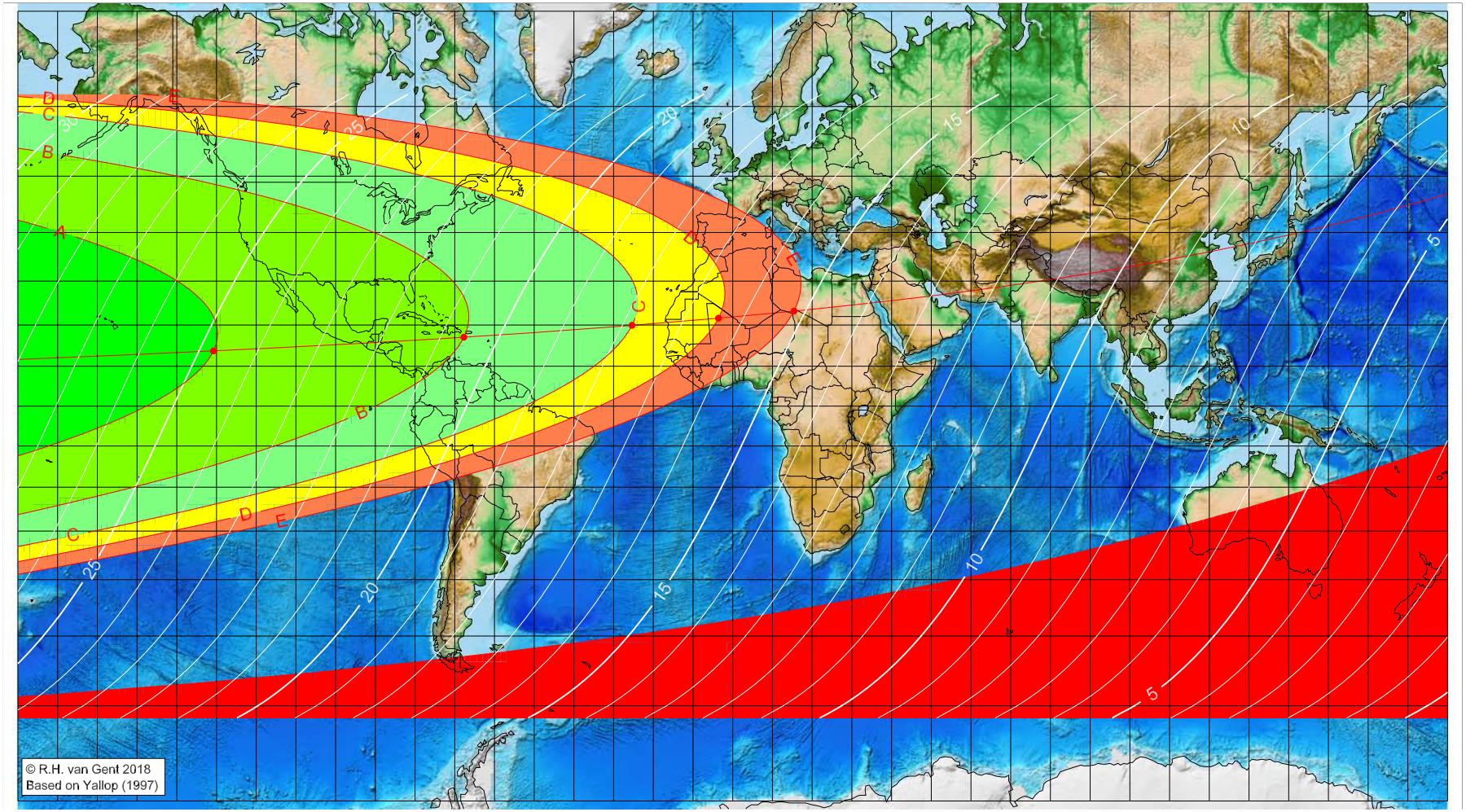
First visibility lunar crescent for Dhu ʾl-Ḥijja 1443 AH

Global visibility map for 29 June 2022 [Wednesday]

Day of luni-solar conjunction



Astronomical New Moon: 29 June 2022, 2h 52.3m (UTC)

First visibility (•)

	Longitude (°)	Latitude (°)	Lunar age (h)
A – easily visible to the unaided eye	-130.75	13.76	24.75
B – visible under perfect atmospheric conditions	-67.71	17.09	20.60
C – visible to the unaided eye after found with optical aid	-25.37	19.92	17.83
D – only visible with binoculars or conventional telescopes	-3.59	21.61	16.42
E – not visible with conventional telescopes	15.45	23.27	15.20
F – below Danjon limit (7°)			

Astronomical (Brown) Lunation Number = 1231
Islamic Lunation Number = 17316
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

moonset before sunset

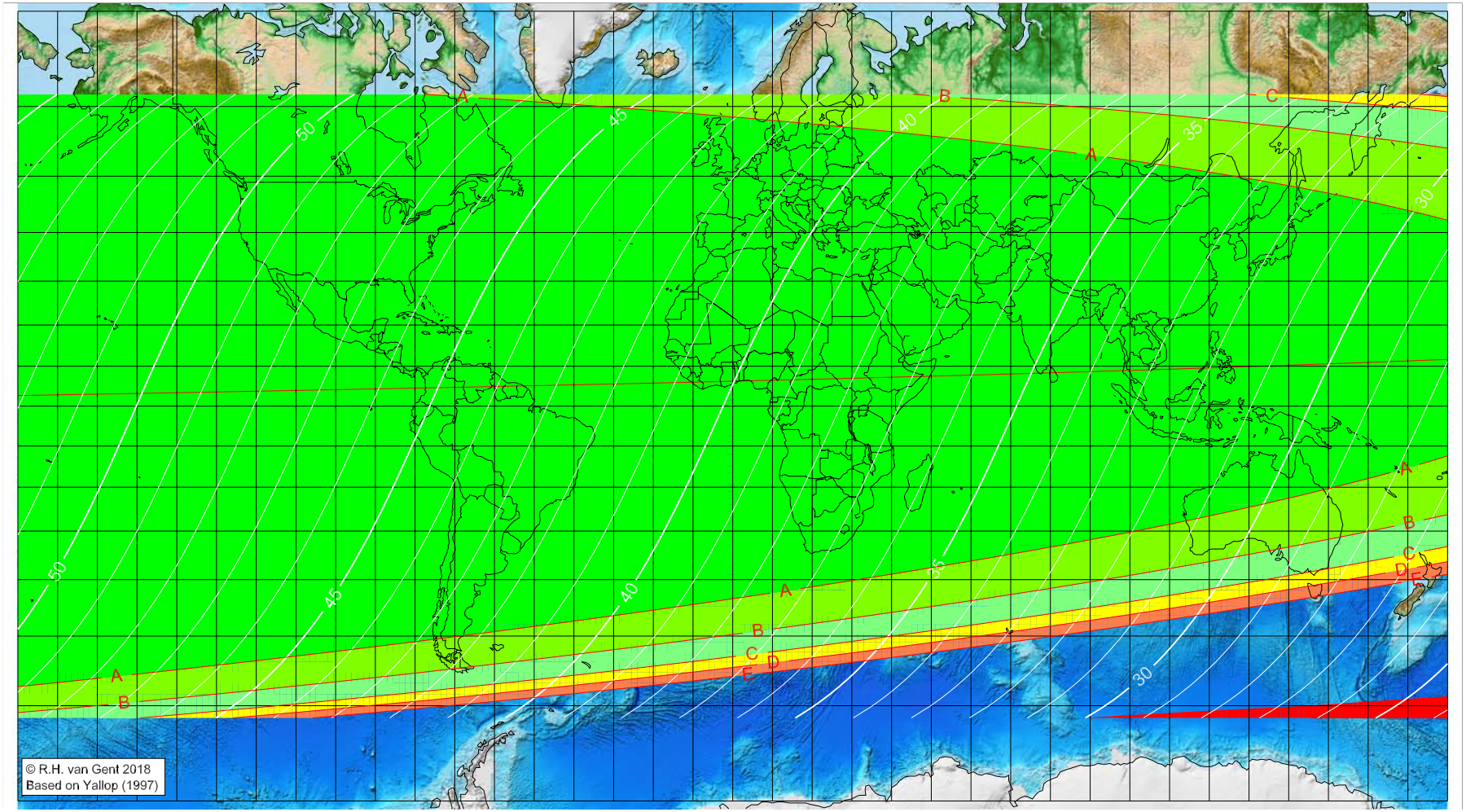
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Dhu ʾl-Ḥijja 1443 AH

Global visibility map for 30 June 2022 [Thursday]

Day after luni-solar conjunction



Astronomical New Moon: 29 June 2022, 2h 52.3m (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°)

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
		visible on the previous evening

Astronomical (Brown) Lunation Number = 1231
Islamic Lunation Number = 17316
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

moonset before sunset

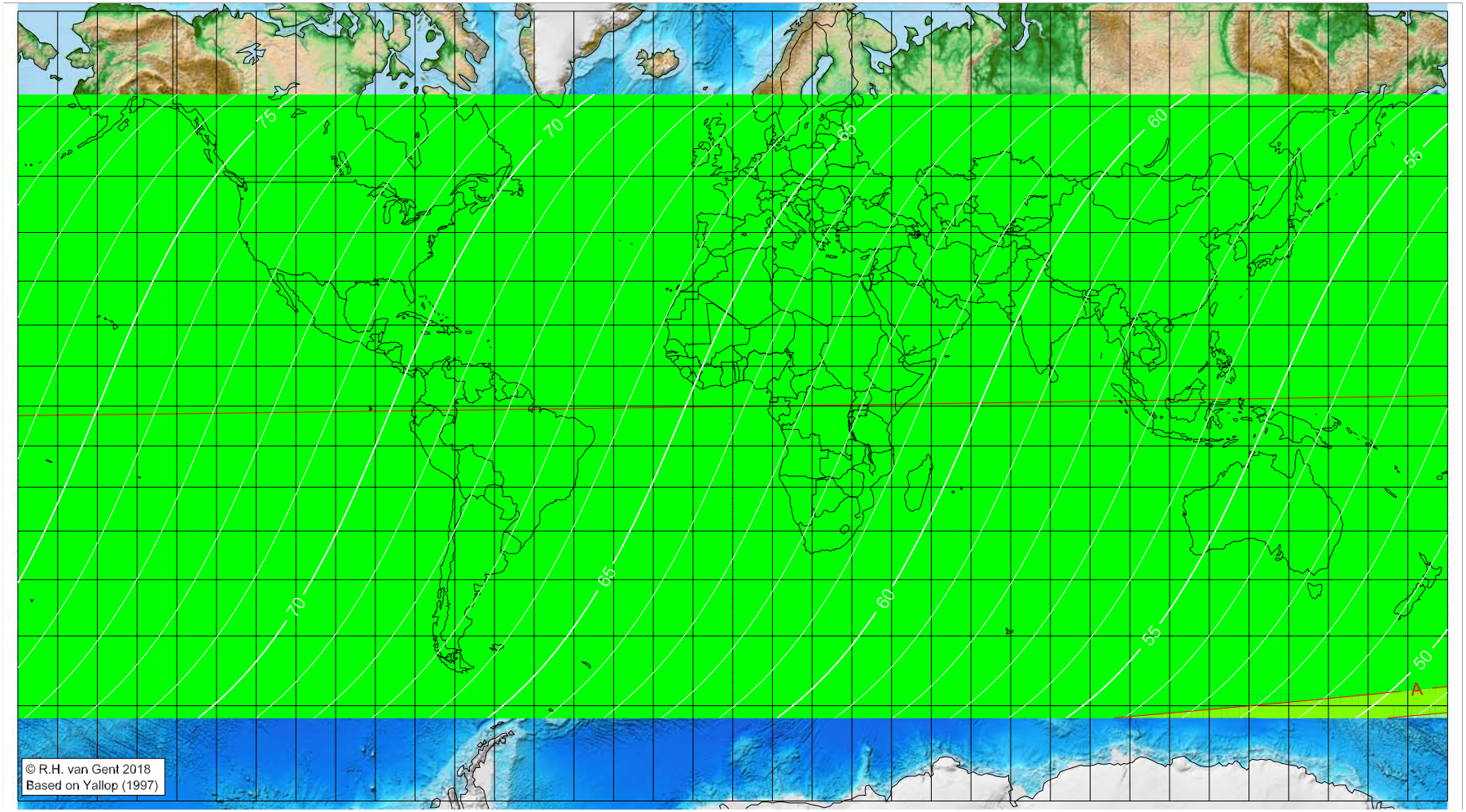
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Dhu ʾl-Ḥijja 1443 AH

Global visibility map for 1 July 2022 [Friday]

Second day after luni-solar conjunction



Astronomical New Moon: 29 June 2022, 2h 52.3m (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 = 1231
Islamic Lunation Number = 17316
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/