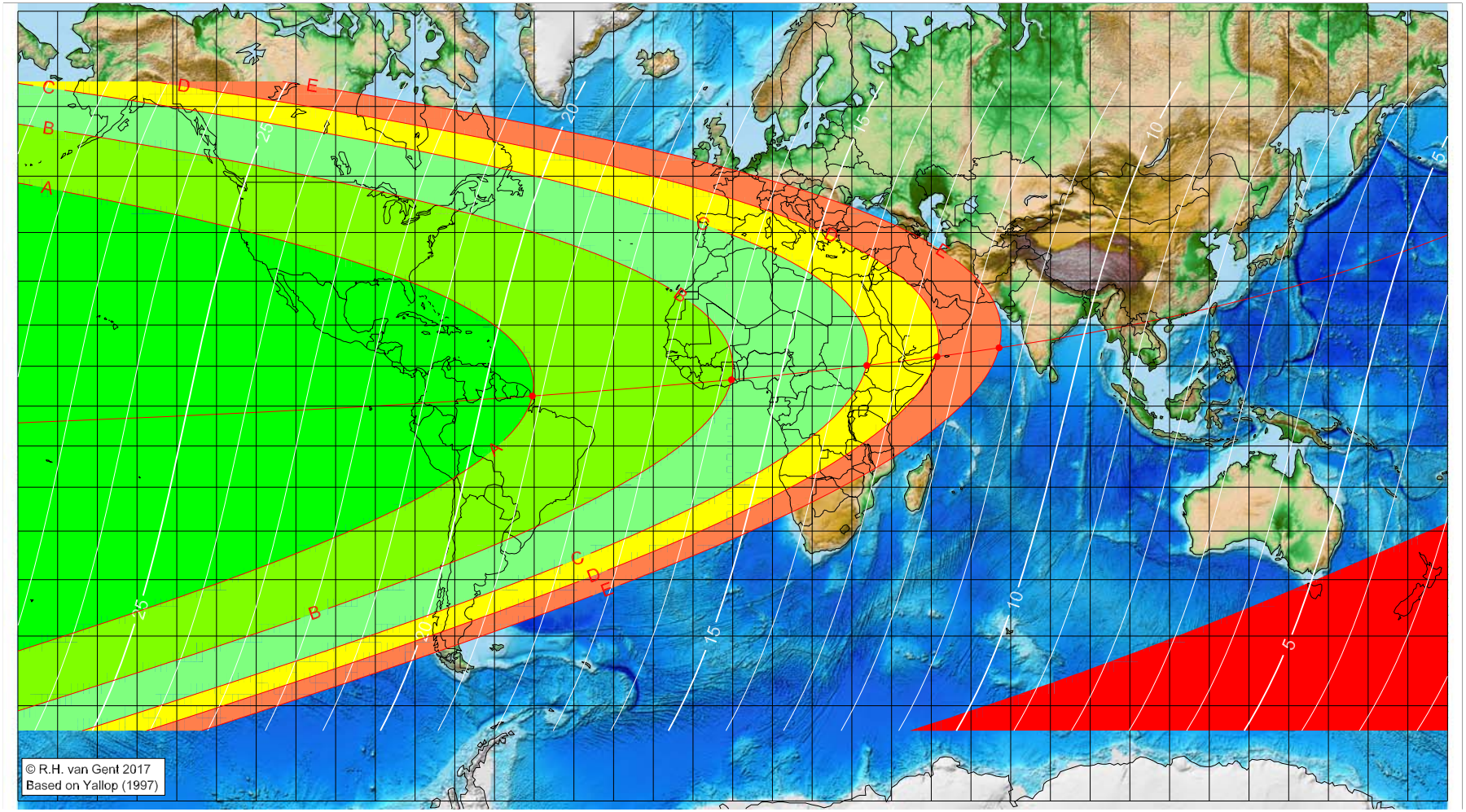
First visibility lunar crescent for Muḥarram 1442 AH

Global visibility map for 19 August 2020 [Wednesday]

Day of luni-solar conjunction



Astronomical New Moon: 19 August 2020, 2h 41.6m (UTC)

First visibility (●)

	Longitude (°)	Latitude (°)	Lunar age (h)
A – easily visible to the unaided eye	-50.46	2.54	19.16
B – visible under perfect atmospheric conditions	-0.32	6.61	15.82
C – visible to the unaided eye after found with optical aid	33.75	10.17	13.58
D – only visible with binoculars or conventional telescopes	51.45	12.36	12.41
E – not visible with conventional telescopes	67.07	14.52	11.39
F – below Danjon limit (7°)			

Astronomical (Brown) Lunation Number = 1208
Islamic Lunation Number = 17293
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

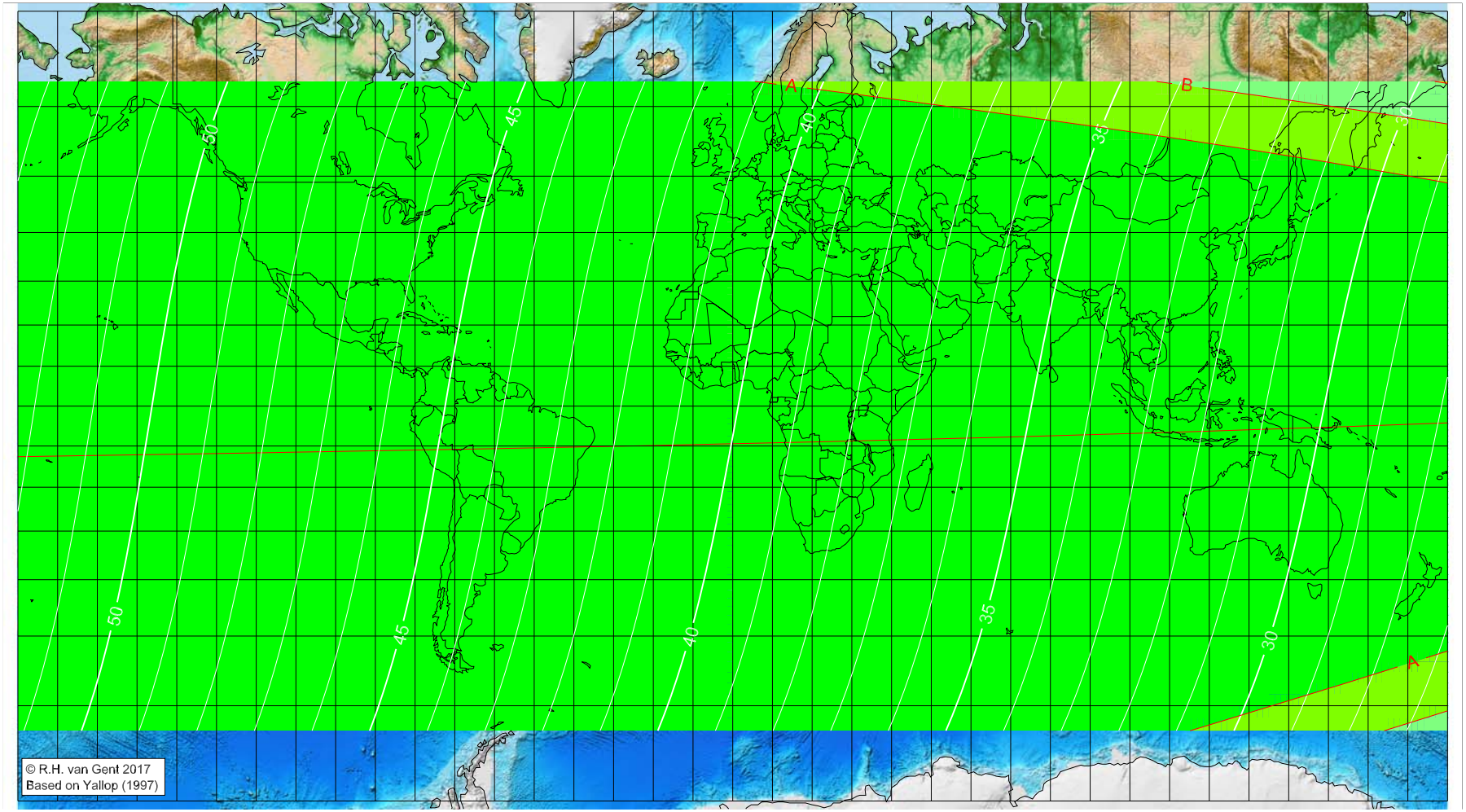
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Muḥarram 1442 AH

Global visibility map for 20 August 2020 [Thursday]

Day after luni-solar conjunction



Astronomical New Moon: 19 August 2020, 2h 41.6m (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 = 1208
Islamic Lunation Number = 17293
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

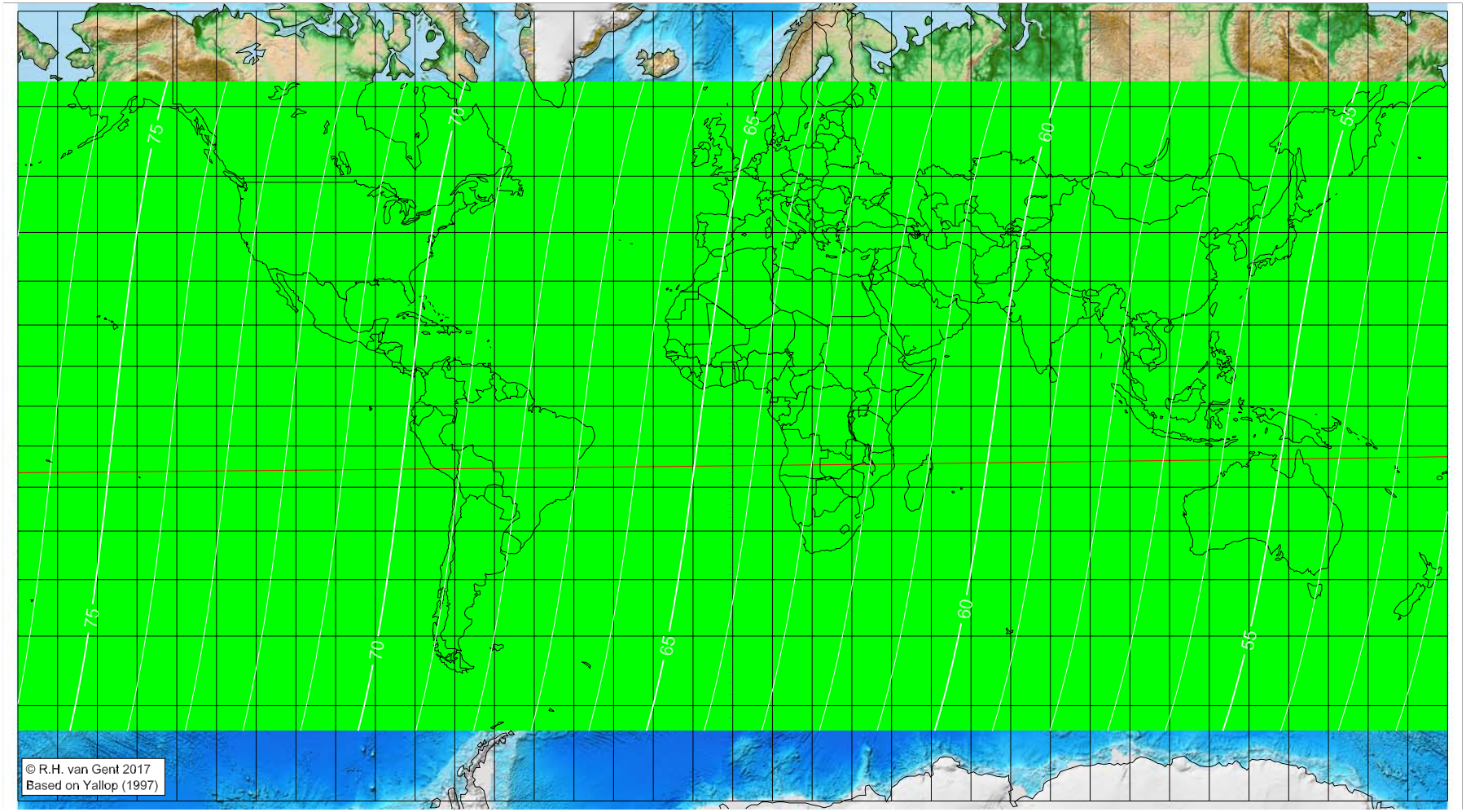
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Muḥarram 1442 AH

Global visibility map for 21 August 2020 [Friday]

Second day after luni-solar conjunction



Astronomical New Moon: 19 August 2020, 2h 41.6m (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 = 1208
Islamic Lunation Number = 17293
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/