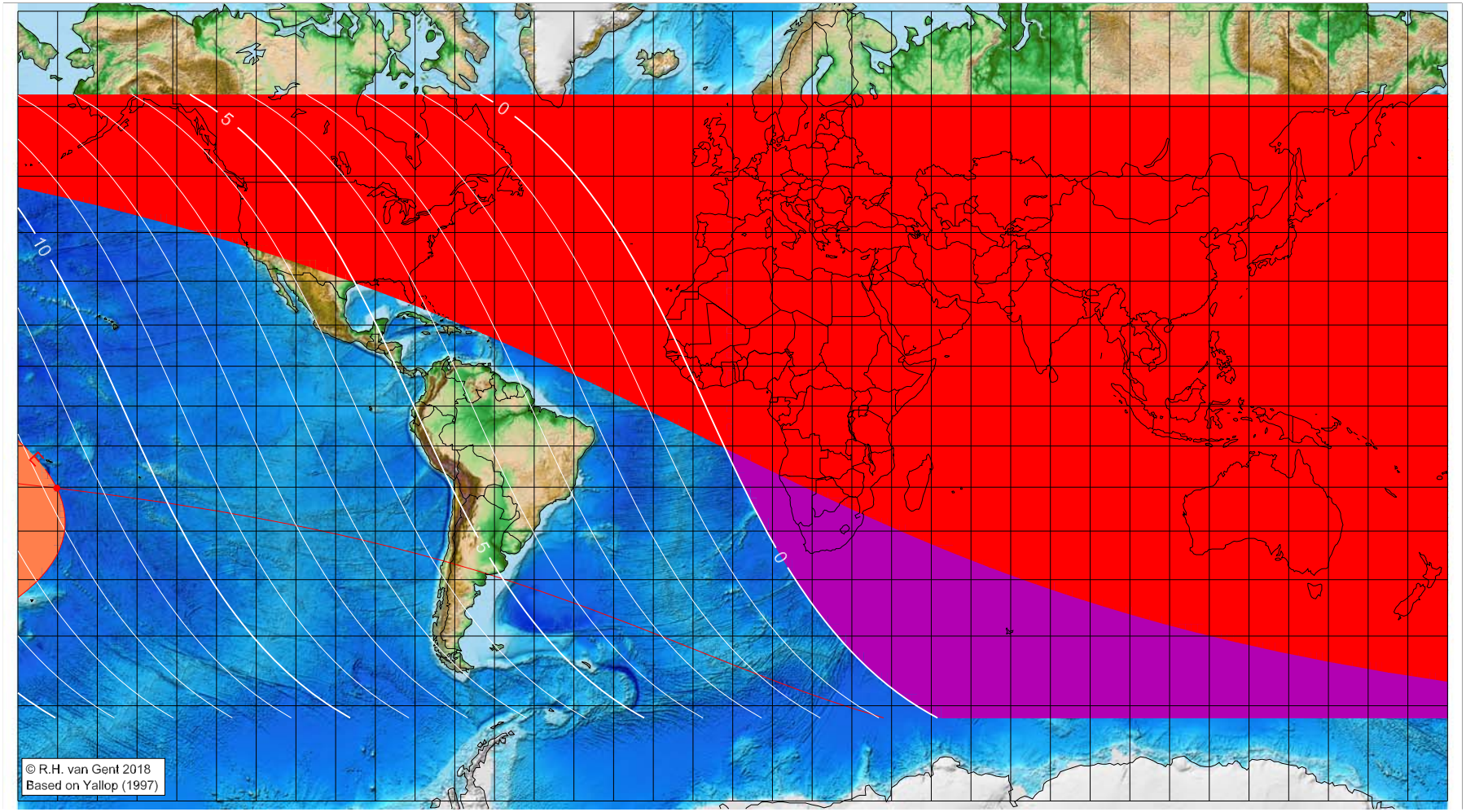
First visibility lunar crescent for Jumādā ʾl-Ākhira 1443 AH

Global visibility map for 2 January 2022 [Sunday]

Day of luni-solar conjunction



Astronomical New Moon: 2 January 2022, 18h 33.5m (UTC)

First visibility (•)

	Longitude (°)	Latitude (°)	Lunar age (h)
A – easily visible to the unaided eye	not visible until the next evening		
B – visible under perfect atmospheric conditions	not visible until the next evening		
C – visible to the unaided eye after found with optical aid	not visible until the next evening		
D – only visible with binoculars or conventional telescopes	not visible until the next evening		
E – not visible with conventional telescopes	-170.21	-20.22	11.77
F – below Danjon limit (7°)			

Astronomical (Brown) Lunation Number = 1225
Islamic Lunation Number = 17310
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

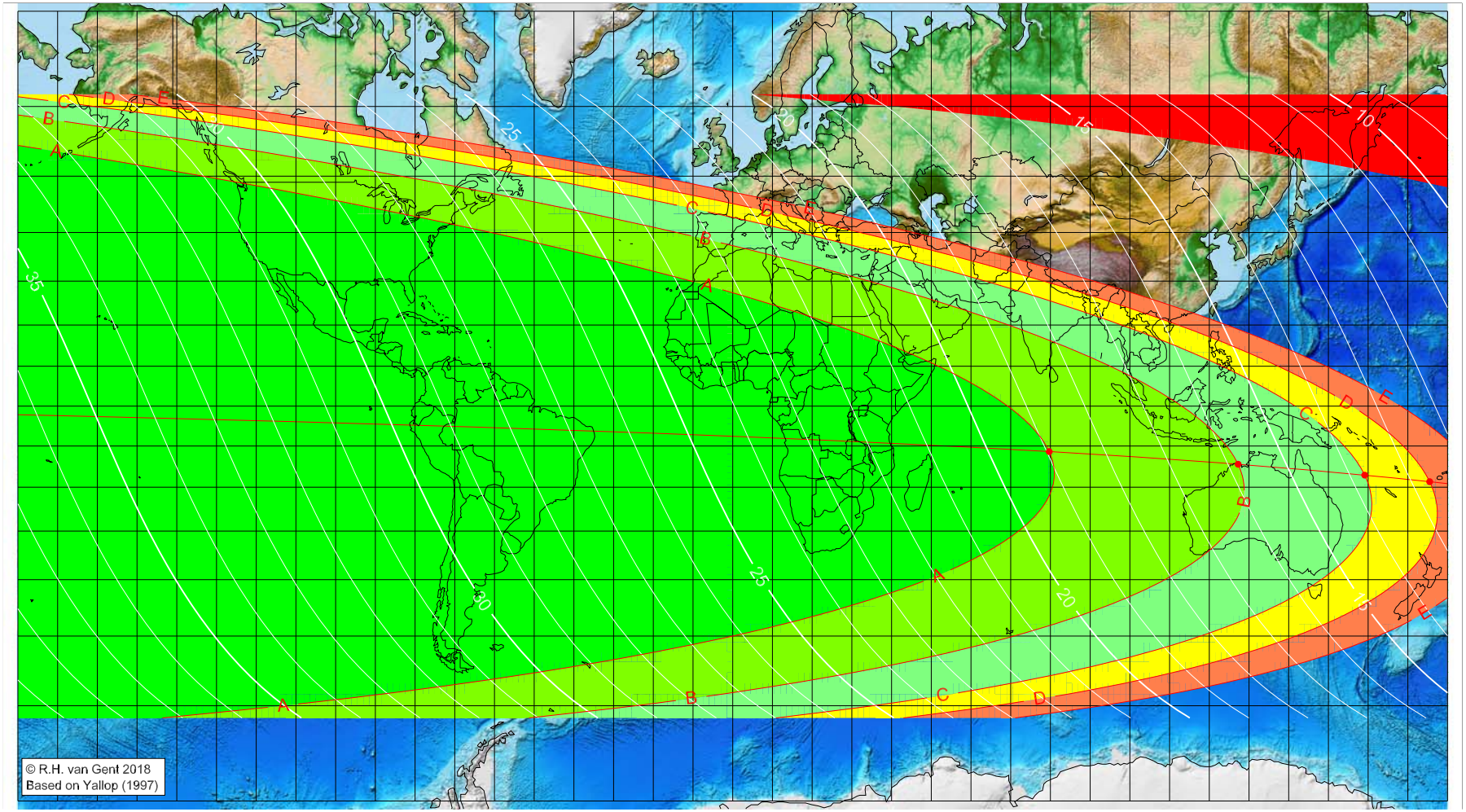
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Jumādā ʾl-Ākhira 1443 AH

Global visibility map for 3 January 2022 [Monday]

Day after luni-solar conjunction



Astronomical New Moon: 2 January 2022, 18h 33.5m (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)
79.69	-11.38	18.96
127.27	-14.49	15.82
159.14	-17.12	13.74
175.50	-18.69	12.69
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1225
Islamic Lunation Number = 17310
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

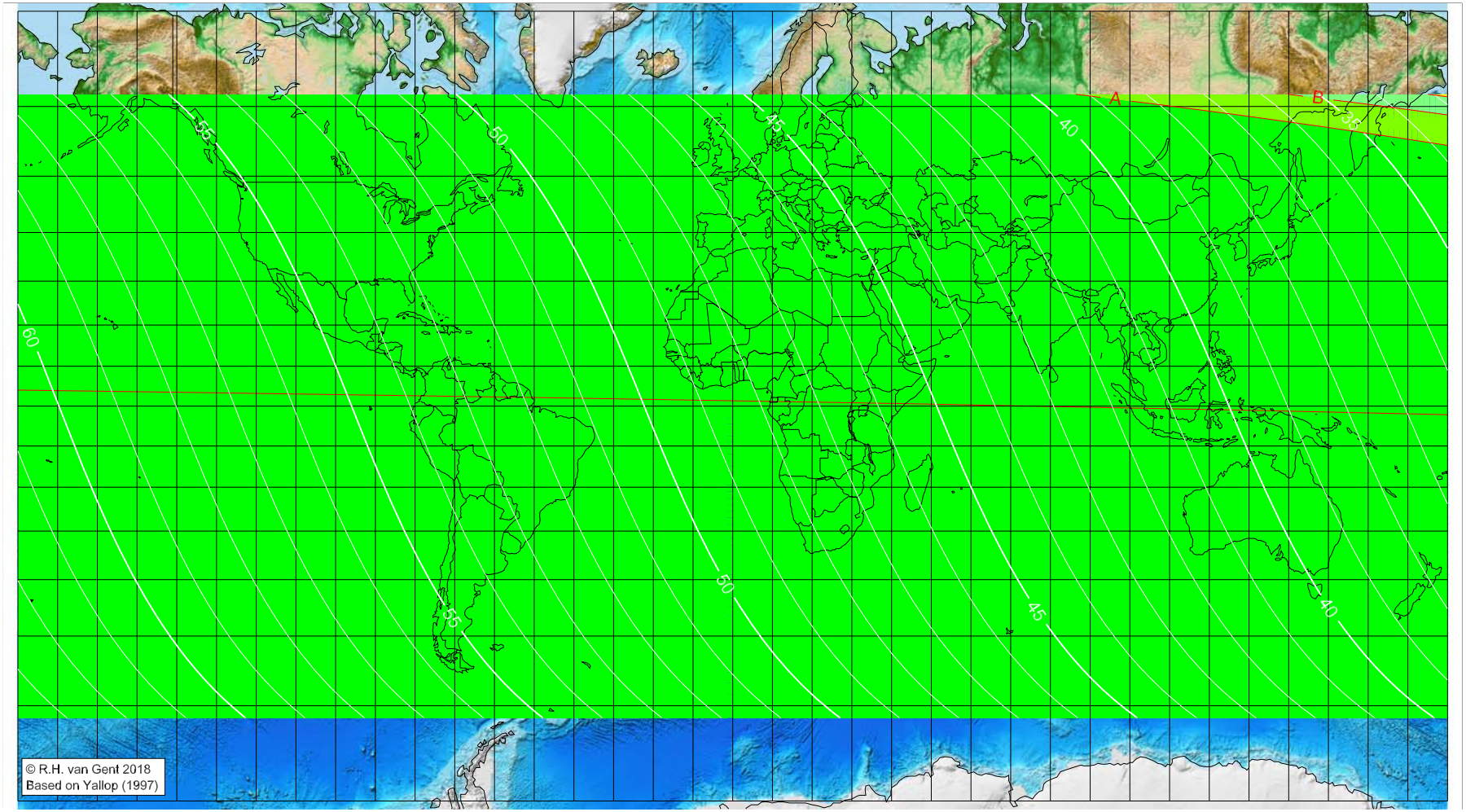
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Jumādā ʾl-Ākhira 1443 AH

Global visibility map for 4 January 2022 [Tuesday]

Second day after luni-solar conjunction



Astronomical New Moon: 2 January 2022, 18h 33.5m (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 = 1225
Islamic Lunation Number = 17310
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/