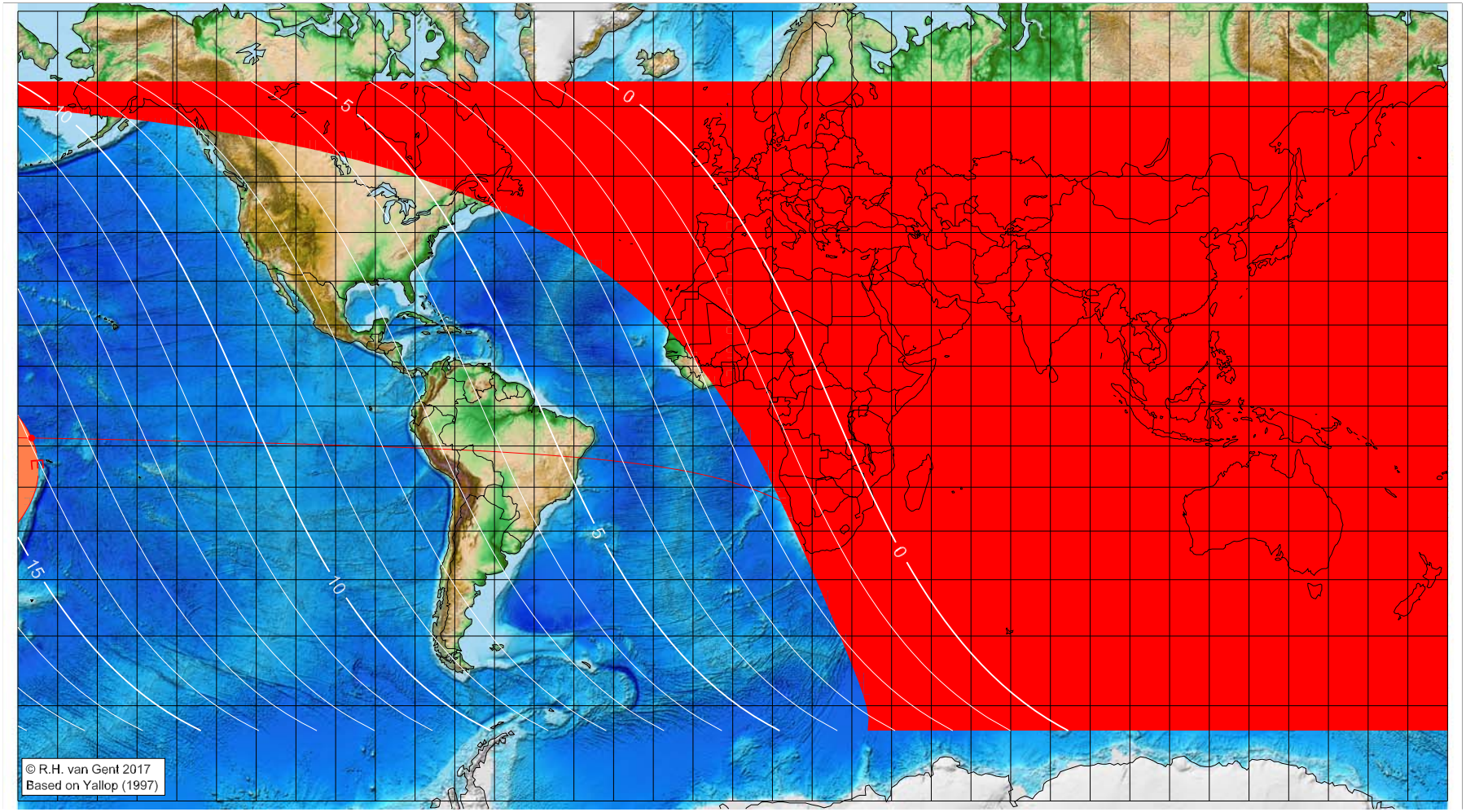
First visibility lunar crescent for Jumādā ʾl-Ūlā 1442 AH

Global visibility map for 14 December 2020 [Monday]

Day of luni-solar conjunction



Astronomical New Moon: 14 December 2020, 16h 16.5m (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)
not visible until the next evening		
not visible until the next evening		
not visible until the next evening		
not visible until the next evening		
-176.55	-8.01	13.94

Astronomical (Brown) Lunation Number = 1212
Islamic Lunation Number = 17297
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

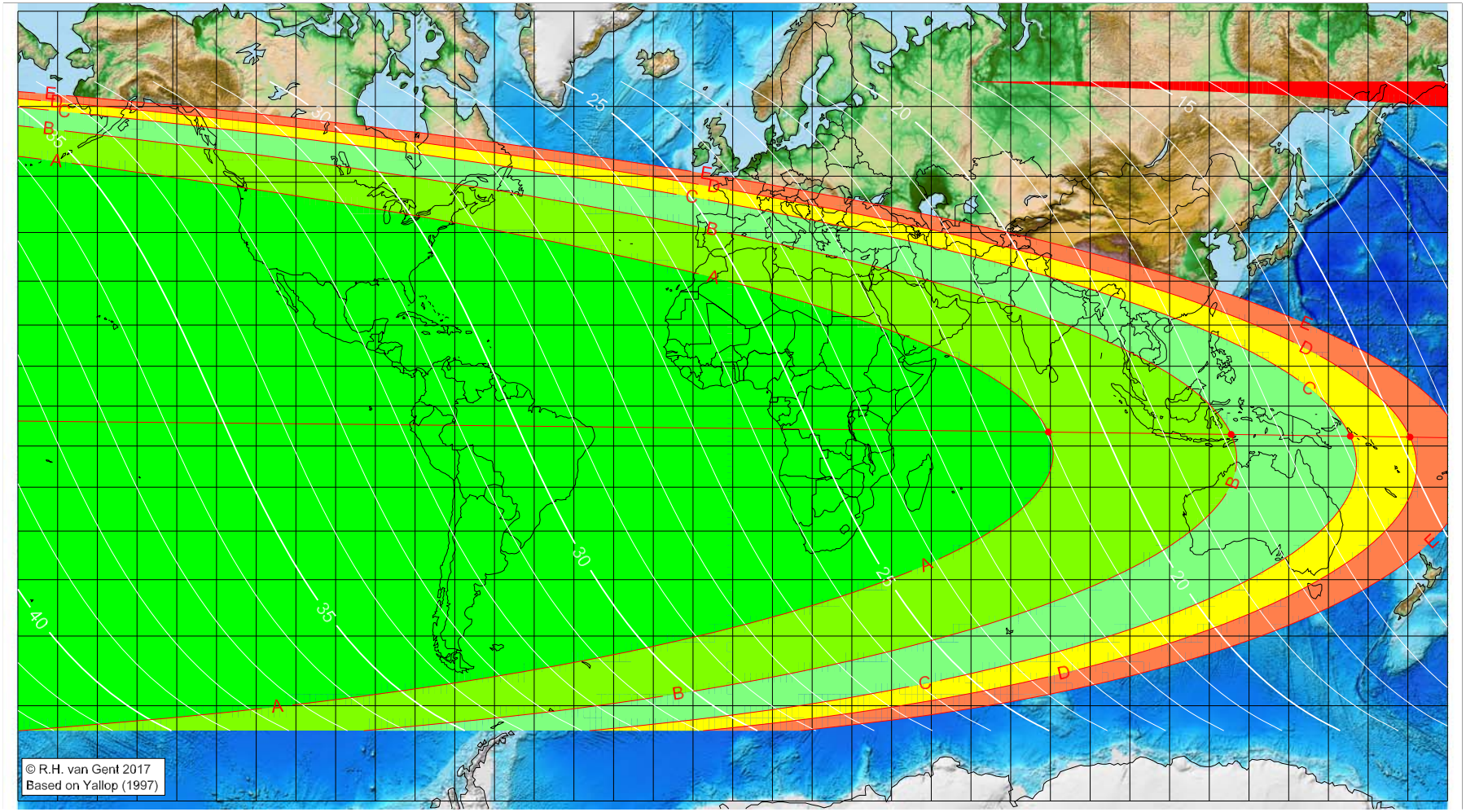
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Jumādā ʾl-Ūlā 1442 AH

Global visibility map for 15 December 2020 [Tuesday]

Day after luni-solar conjunction



Astronomical New Moon: 14 December 2020, 16h 16.5m (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)
79.47	-6.50	20.96
125.51	-7.11	17.85
155.51	-7.55	15.83
170.56	-7.79	14.81
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1212
Islamic Lunation Number = 17297
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

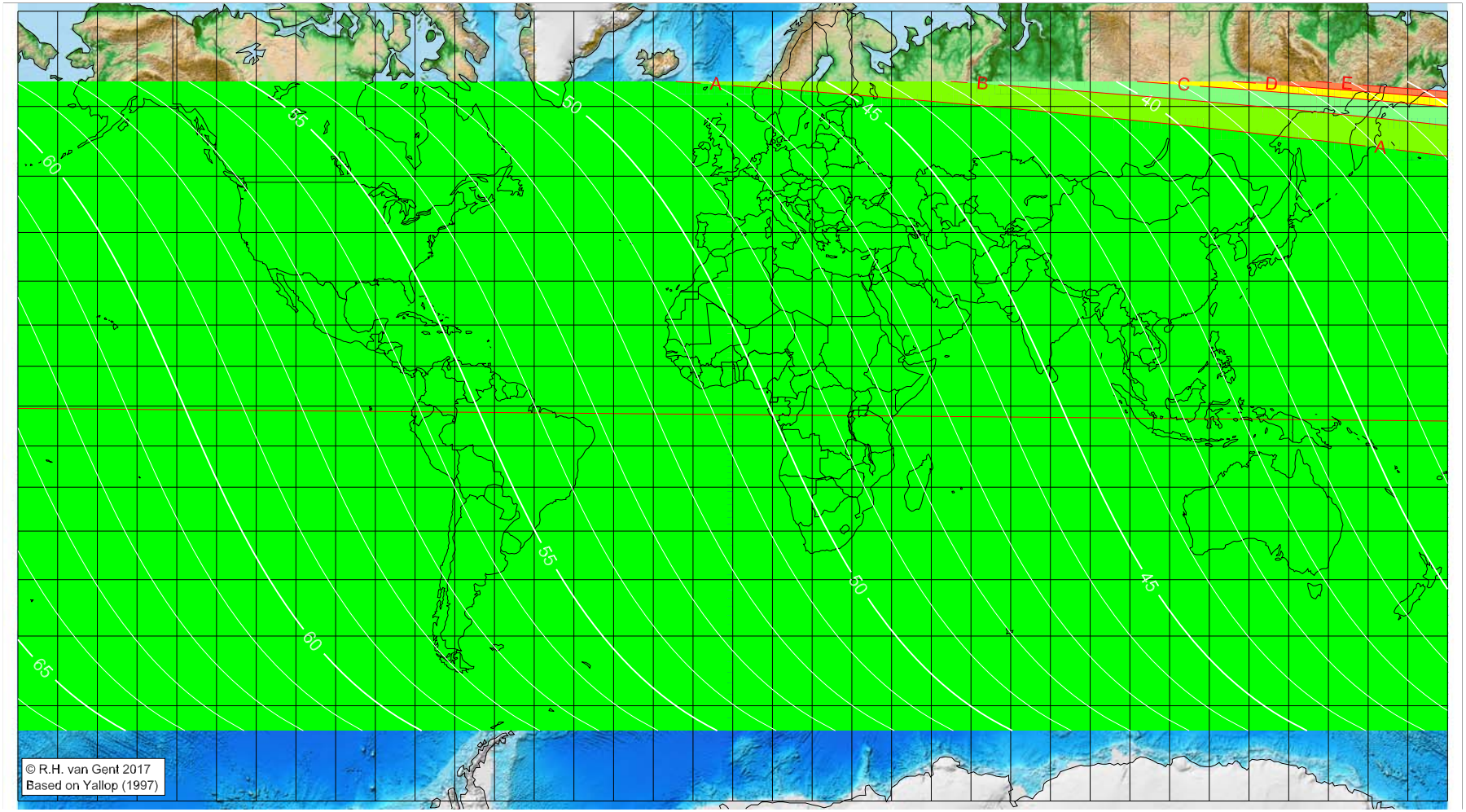
before conjunction (astronomical new moon)

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

First visibility lunar crescent for Jumādā ʾl-Ūlā 1442 AH

Global visibility map for 16 December 2020 [Wednesday]

Second day after luni-solar conjunction



Astronomical New Moon: 14 December 2020, 16h 16.5m (UTC)

Astronomical (Brown) Lunation Number = 1212
Islamic Lunation Number = 17297
TT – UT [= ΔT] = 1.2 min

- 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°)

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/