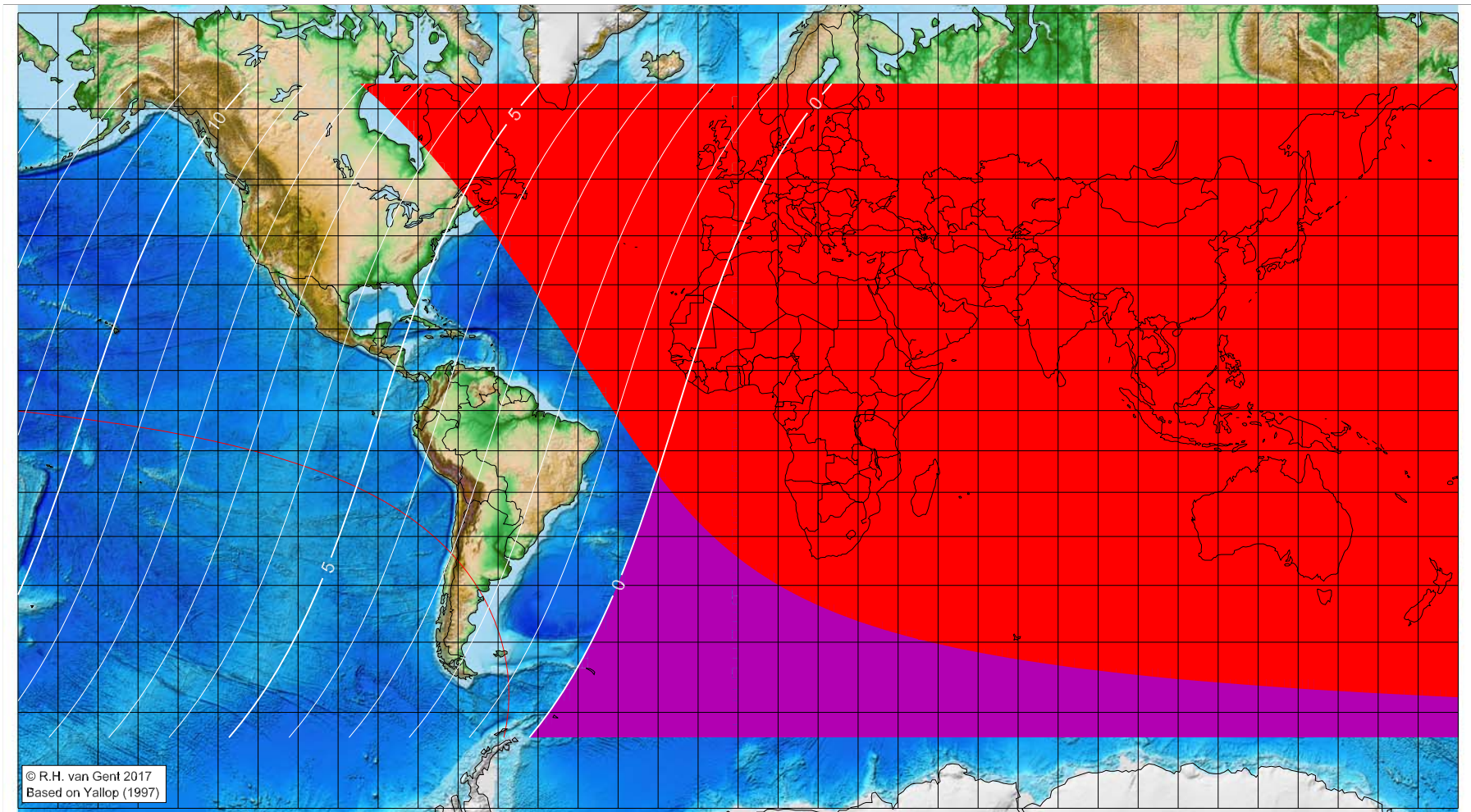


# First visibility lunar crescent for Shawwāl 1442 AH

Global visibility map for 11 May 2021 [Tuesday]  
Day of luni-solar conjunction



© R.H. van Gent 2017  
Based on Yallop (1997)

Astronomical New Moon: 11 May 2021, 18h 59.7m (UTC)

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

Astronomical (Brown) Lunation Number = 1217  
Islamic Lunation Number = 17302  
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

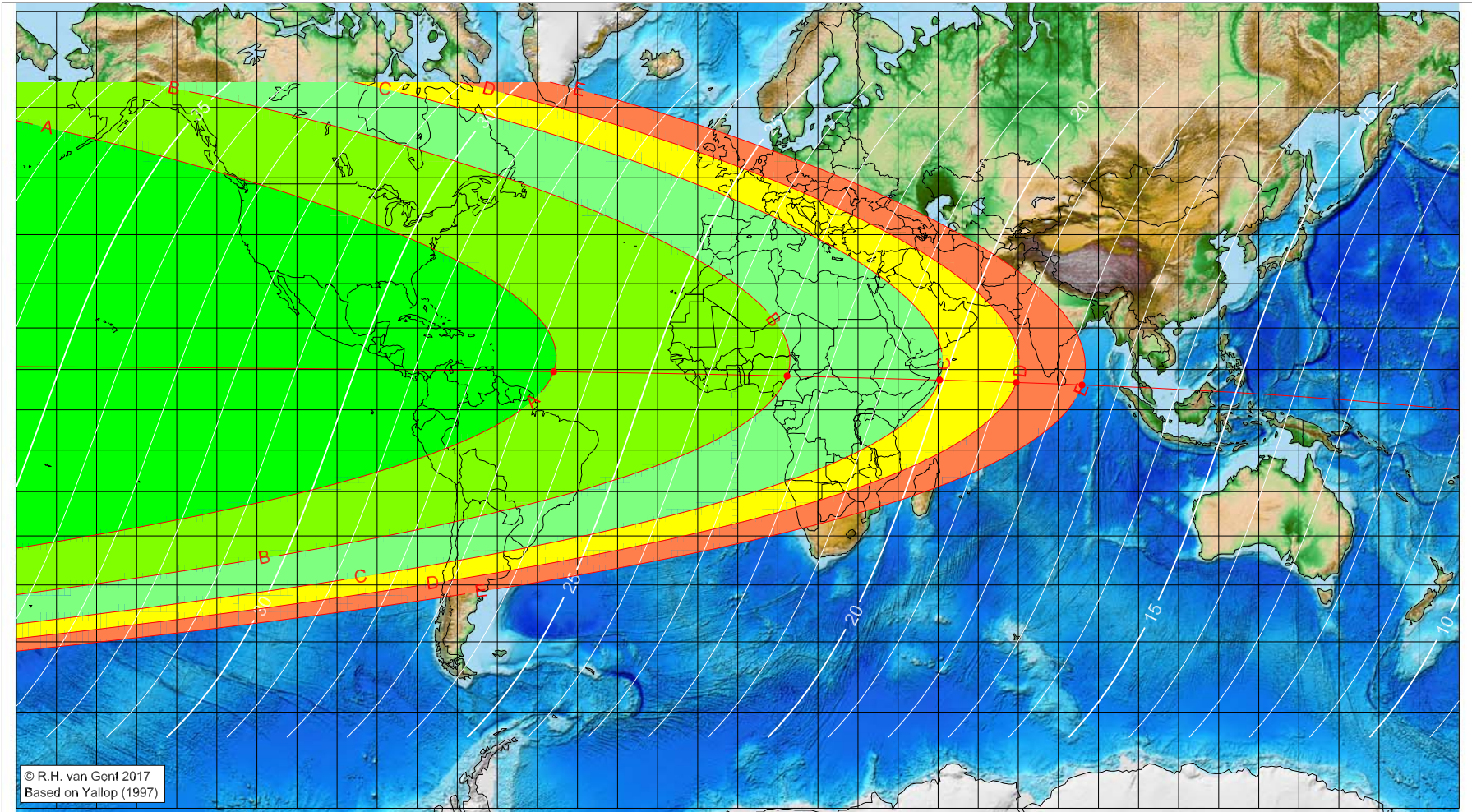
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Shawwāl 1442 AH

Global visibility map for 12 May 2021 [Wednesday]  
Day after luni-solar conjunction



Astronomical New Moon: 11 May 2021, 18h 59.7m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1217  
Islamic Lunation Number = 17302  
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°)
- moonset before sunset
- before conjunction (astronomical new moon)

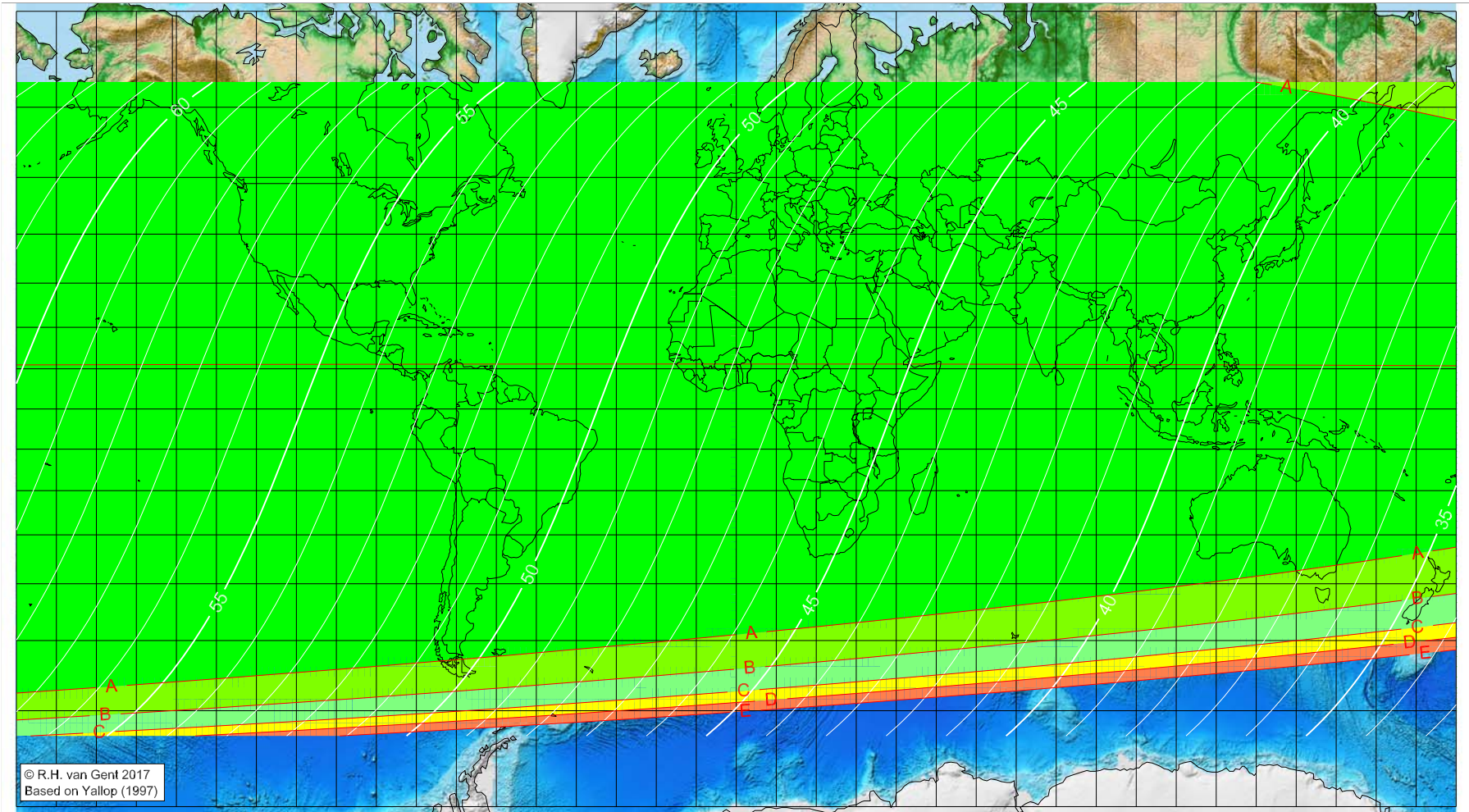
Longitude (°)	Latitude (°)	Lunar age (h)
-45.95	9.48	26.64
12.30	8.41	22.67
50.37	7.42	20.07
69.49	6.80	18.76
85.90	6.17	17.64

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/>

# First visibility lunar crescent for Shawwāl 1442 AH

Global visibility map for 13 May 2021 [Thursday]  
Second day after luni-solar conjunction



Astronomical New Moon: 11 May 2021, 18h 59.7m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1217  
Islamic Lunation Number = 17302  
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>