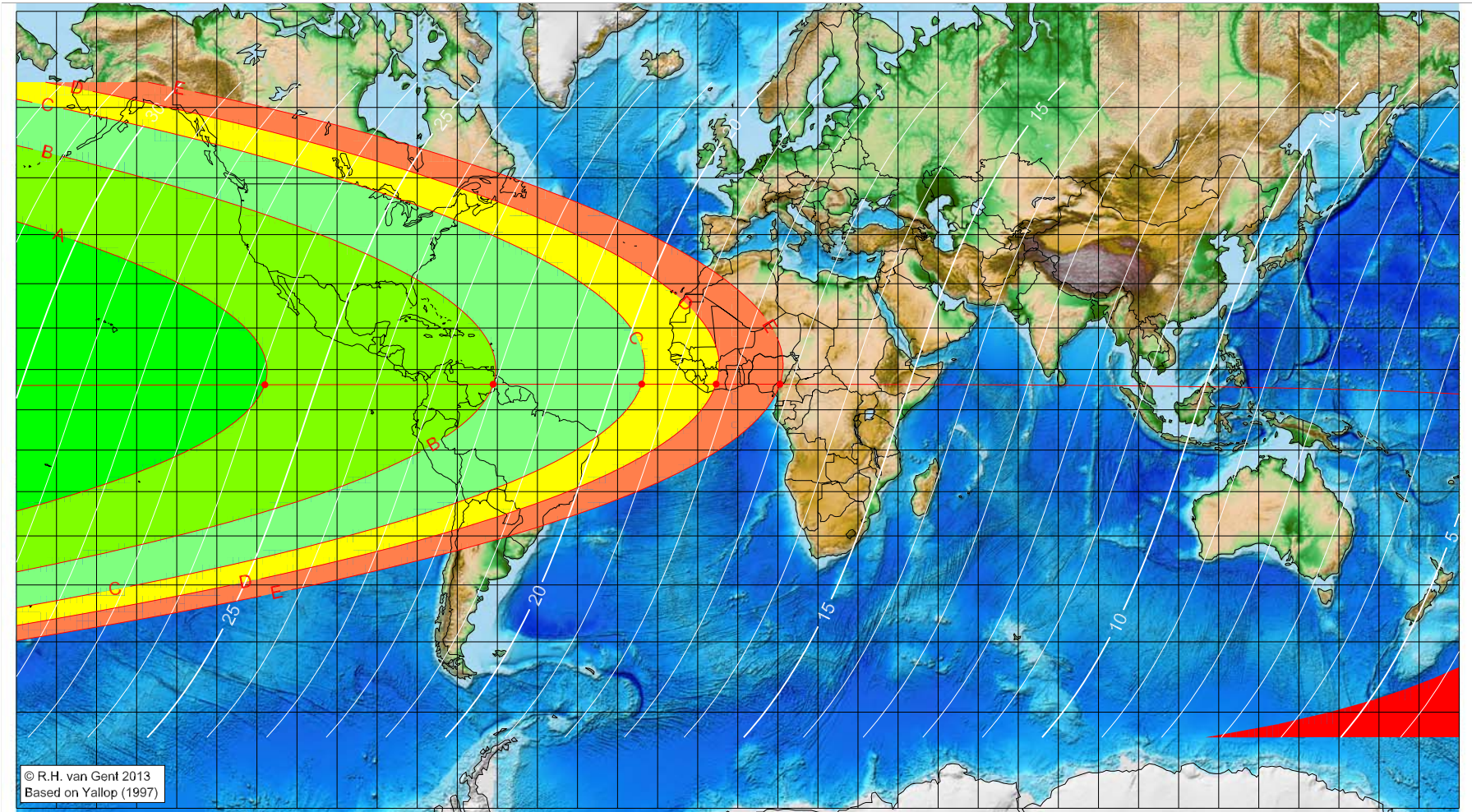


# First visibility lunar crescent for Rajab 1434 AH

Global visibility map for 10 May 2013 [Friday]  
Day of luni-solar conjunction



Astronomical New Moon: 10 May 2013, 0h 28.4m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1118

Islamic Lunation Number = 17203

TT - UT [= ΔT] = 1.1 min

Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

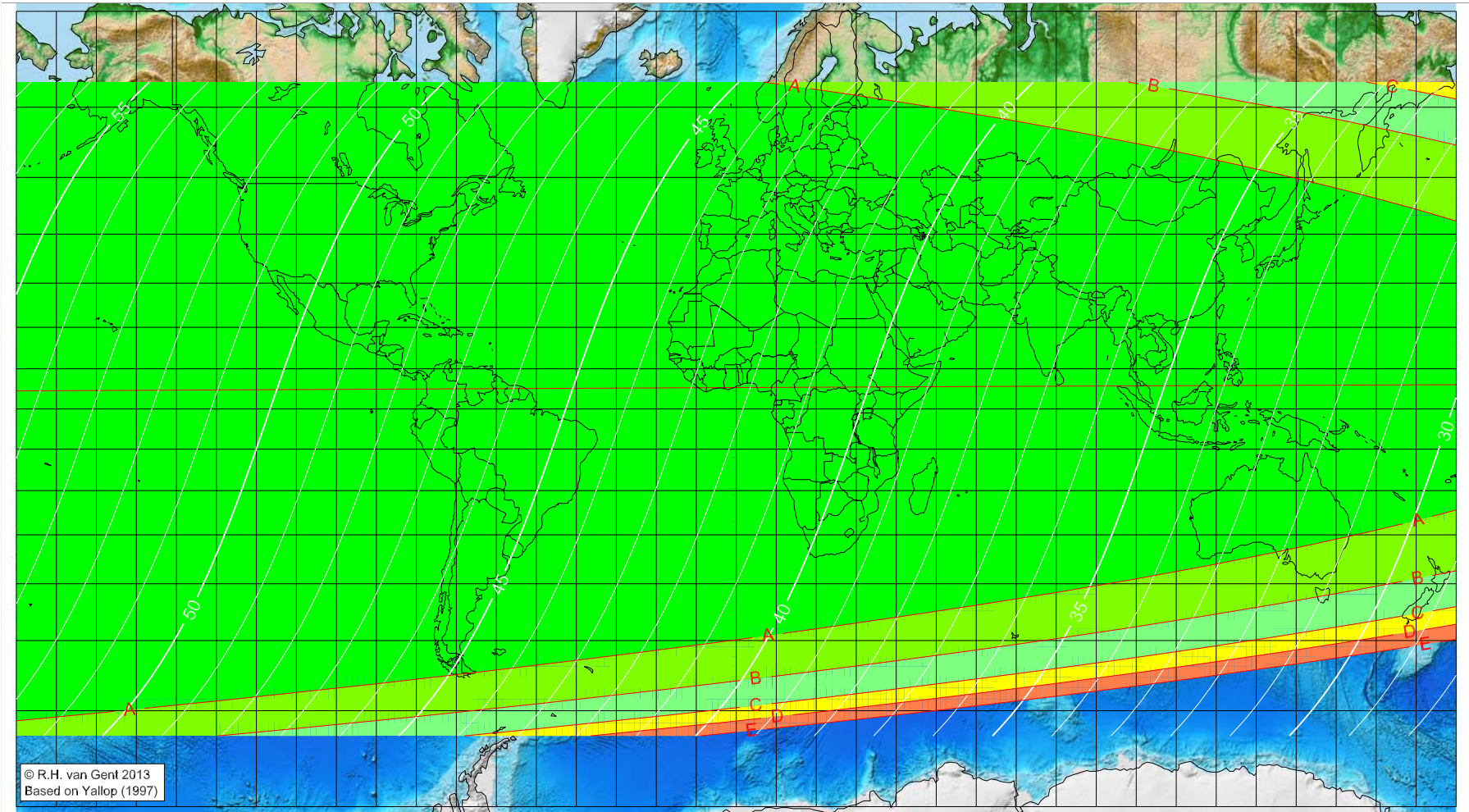
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-118.02	6.24	25.88
-61.06	6.36	22.03
-23.98	6.39	19.52
-5.40	6.39	18.26
10.51	6.37	17.19

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

# First visibility lunar crescent for Rajab 1434 AH

Global visibility map for 11 May 2013 [Saturday]  
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 10 May 2013, 0h 28.4m (UTC)

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

Astronomical (Brown) Lunation Number = 1118  
Islamic Lunation Number = 17203  
TT - UT [= ΔT] = 1.1 min

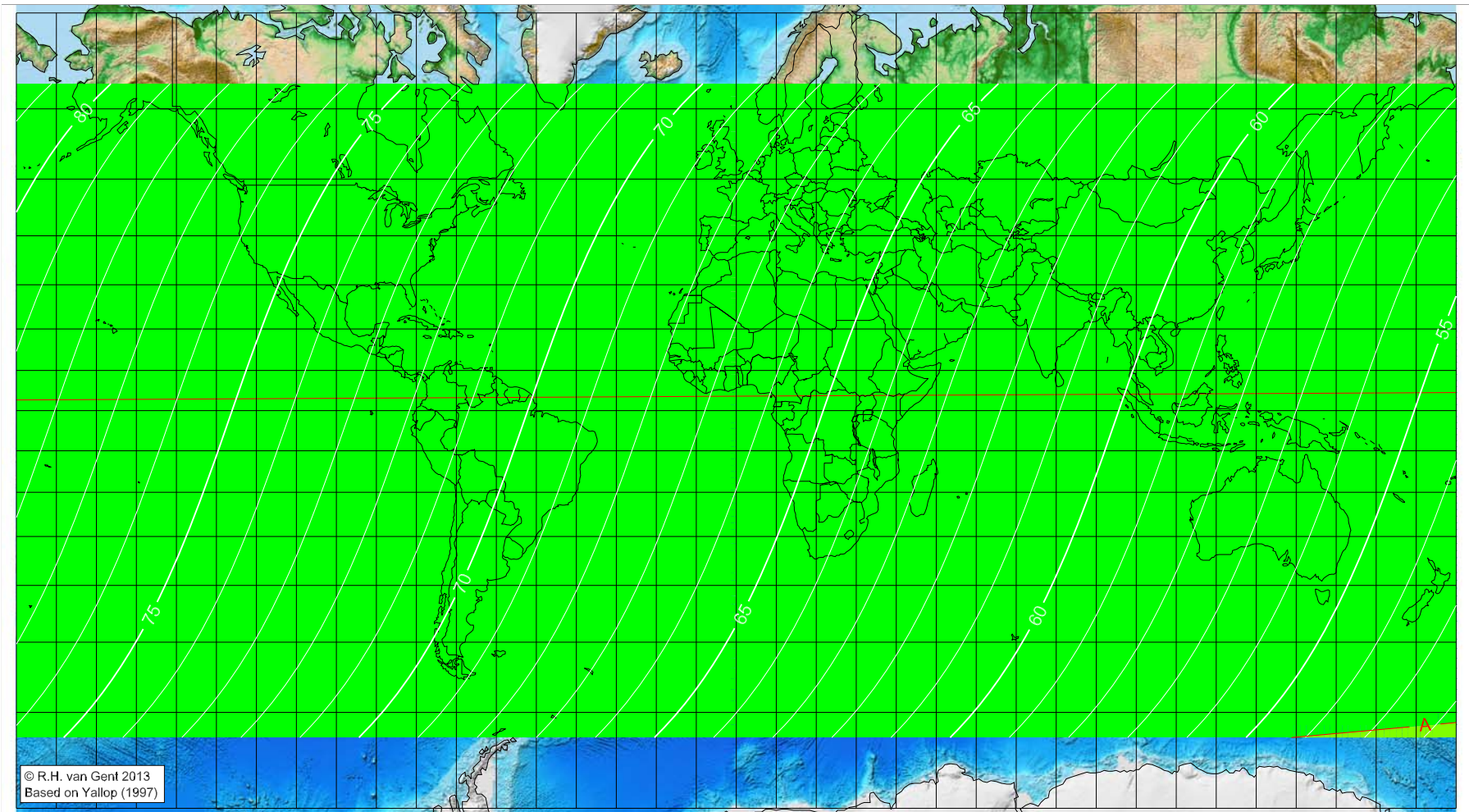
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

- 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)

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

# First visibility lunar crescent for Rajab 1434 AH

Global visibility map for 12 May 2013 [Sunday]  
Second day after luni-solar conjunction



Astronomical New Moon: 10 May 2013, 0h 28.4m (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 = 1118  
Islamic Lunation Number = 17203  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>