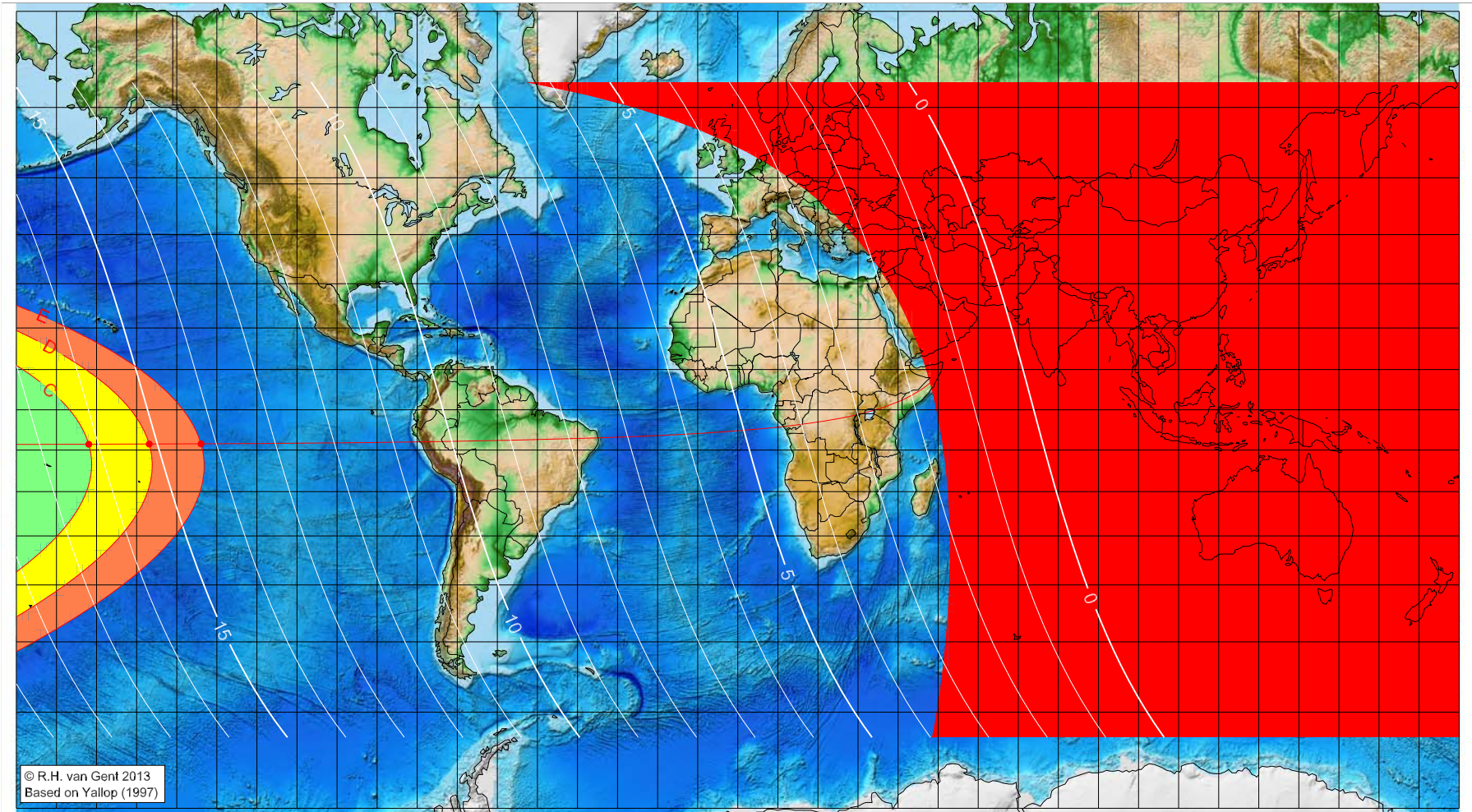


First visibility lunar crescent for Muḥarram 1435 AH

Global visibility map for 3 November 2013 [Sunday]
Day of luni-solar conjunction



Astronomical New Moon: 3 November 2013, 12h 49.9m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1124

Islamic Lunation Number = 17209

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°)

Longitude (°)	Latitude (°)	Lunar age (h)
		not visible until the next evening
		not visible until the next evening
-161.95	-8.57	16.16
-146.87	-8.52	15.14
-133.94	-8.46	14.26

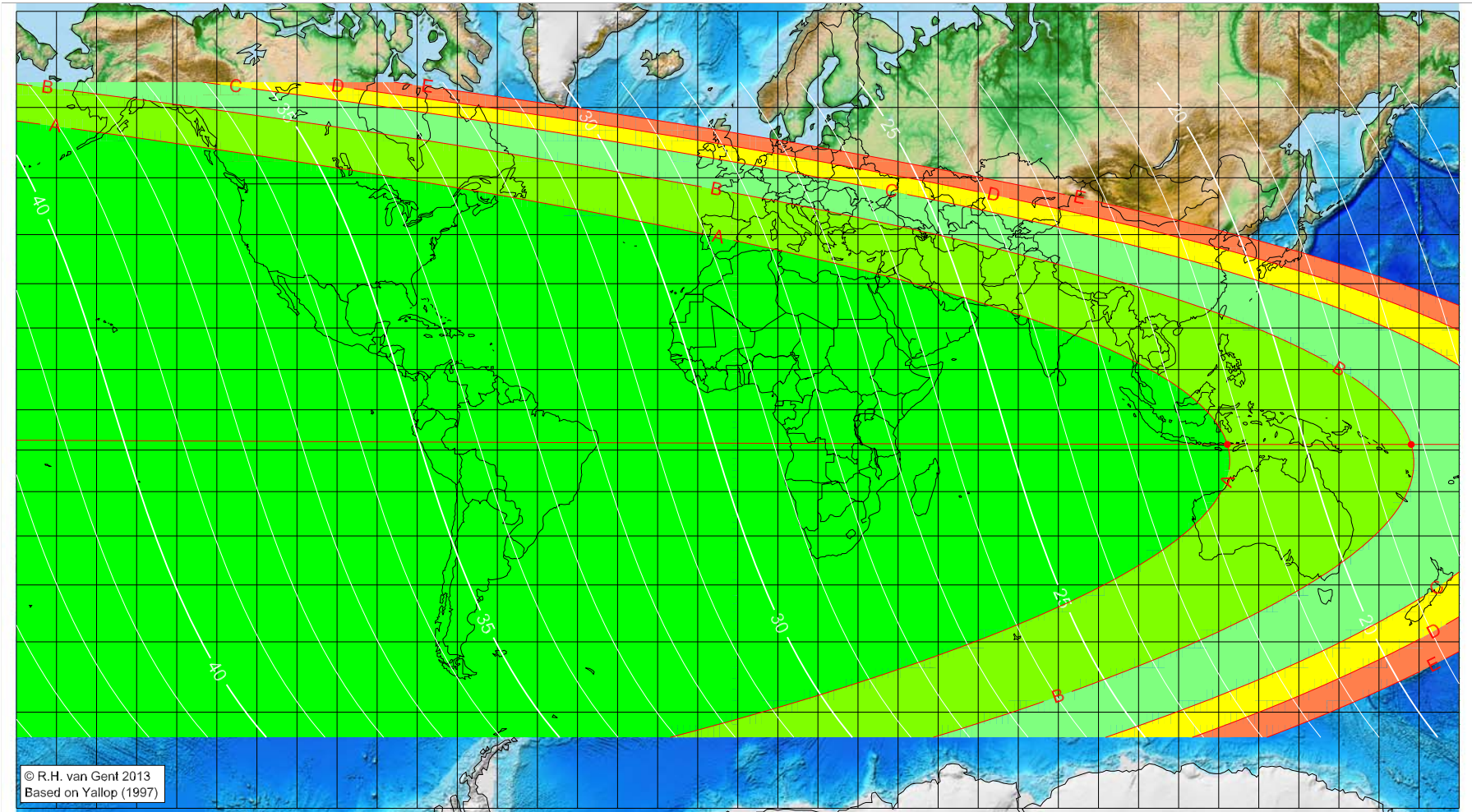
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Muḥarram 1435 AH

Global visibility map for 4 November 2013 [Monday]
Day after luni-solar conjunction



Astronomical New Moon: 3 November 2013, 12h 49.9m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
122.16	-8.61	21.32
168.04	-8.62	18.20
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening

Astronomical (Brown) Lunation Number = 1124
Islamic Lunation Number = 17209
TT - UT [= ΔT] = 1.1 min

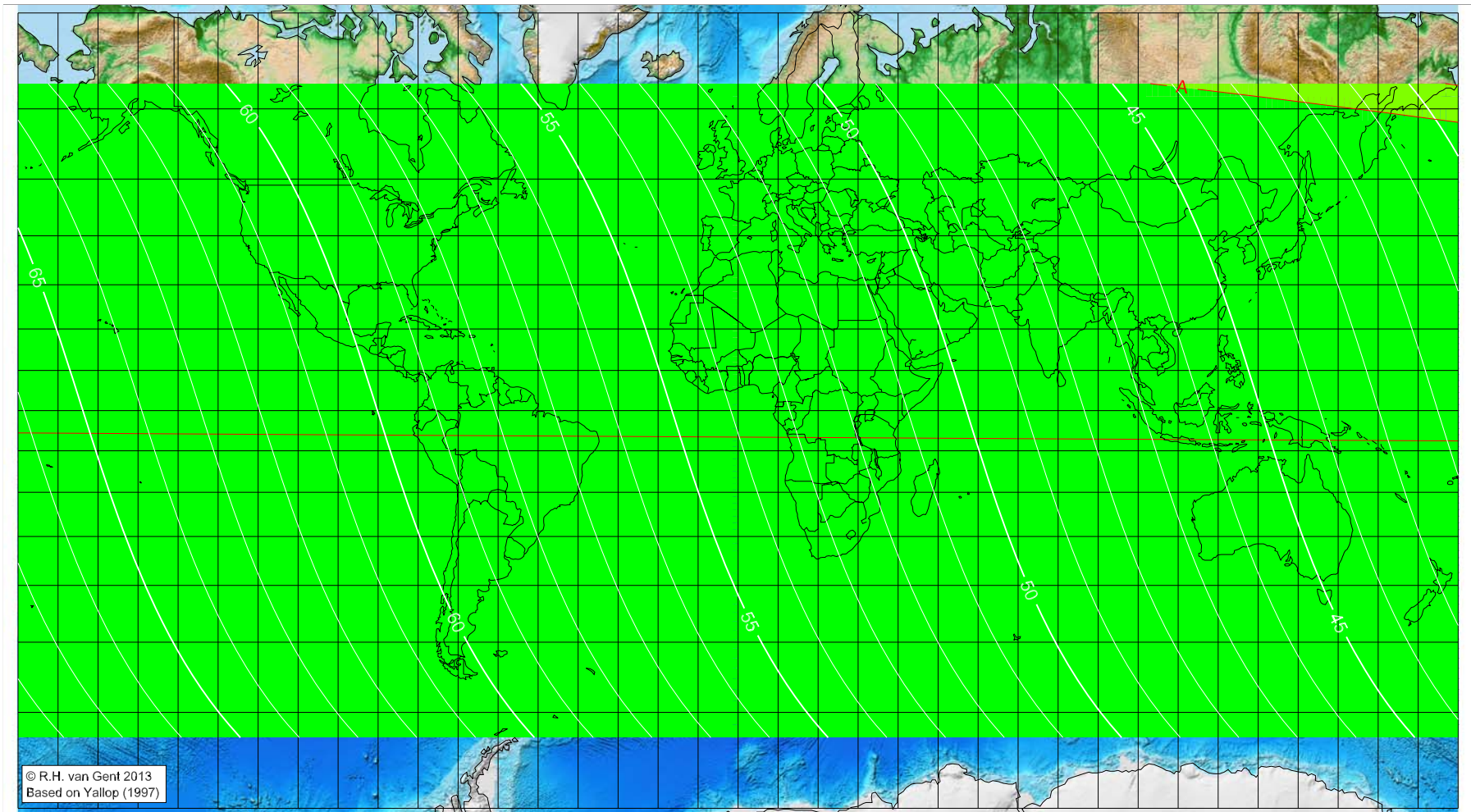
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- 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 Muḥarram 1435 AH

Global visibility map for 5 November 2013 [Tuesday]
Second day after luni-solar conjunction



Astronomical New Moon: 3 November 2013, 12h 49.9m (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 = 1124
Islamic Lunation Number = 17209
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>