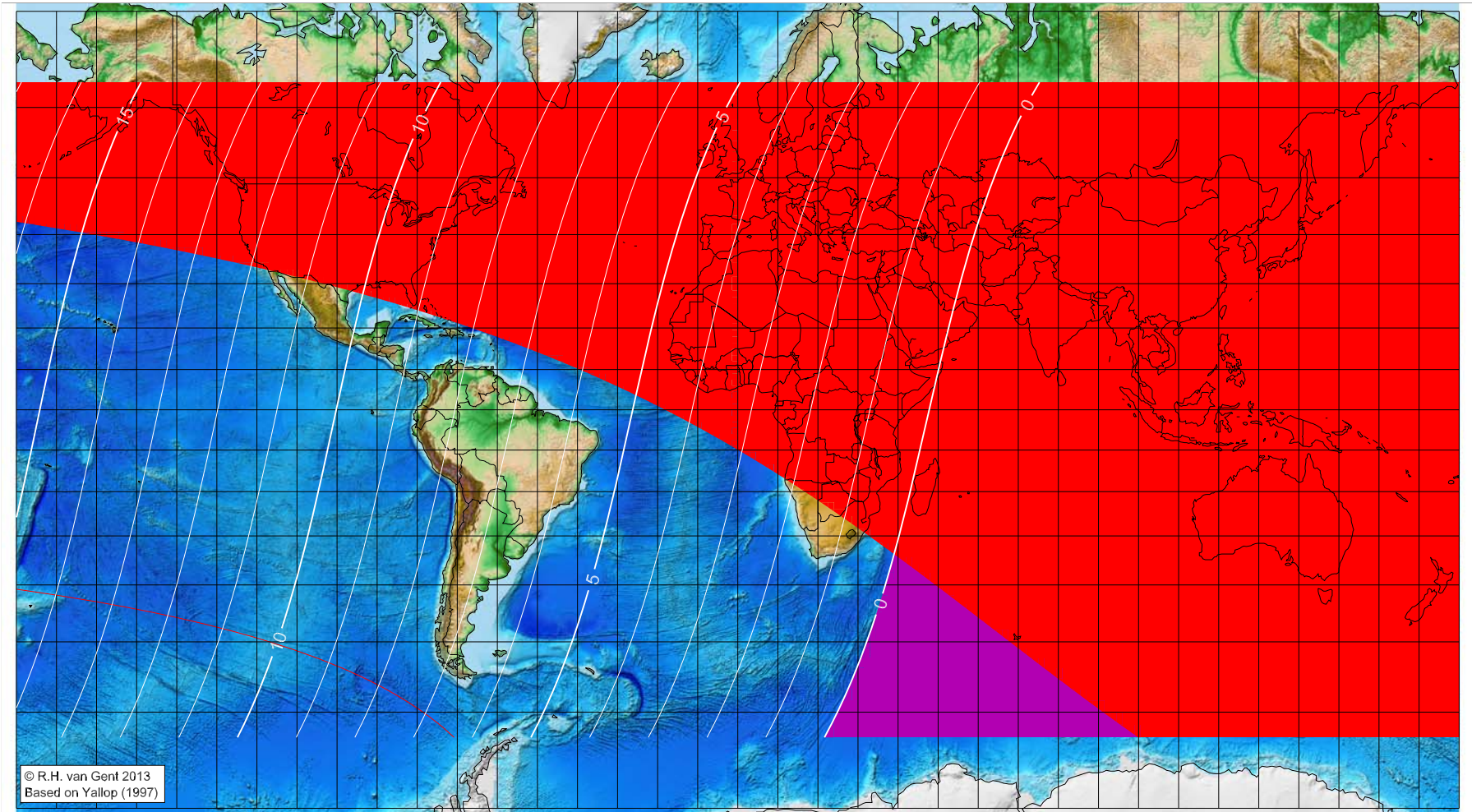


# First visibility lunar crescent for Dhū 'l-Qa'ḍa 1436 AH

Global visibility map for 14 August 2015 [Friday]  
Day of luni-solar conjunction



Astronomical New Moon: 14 August 2015, 14h 53.4m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1146  
Islamic Lunation Number = 17231  
TT - UT [= ΔT] = 1.1 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)

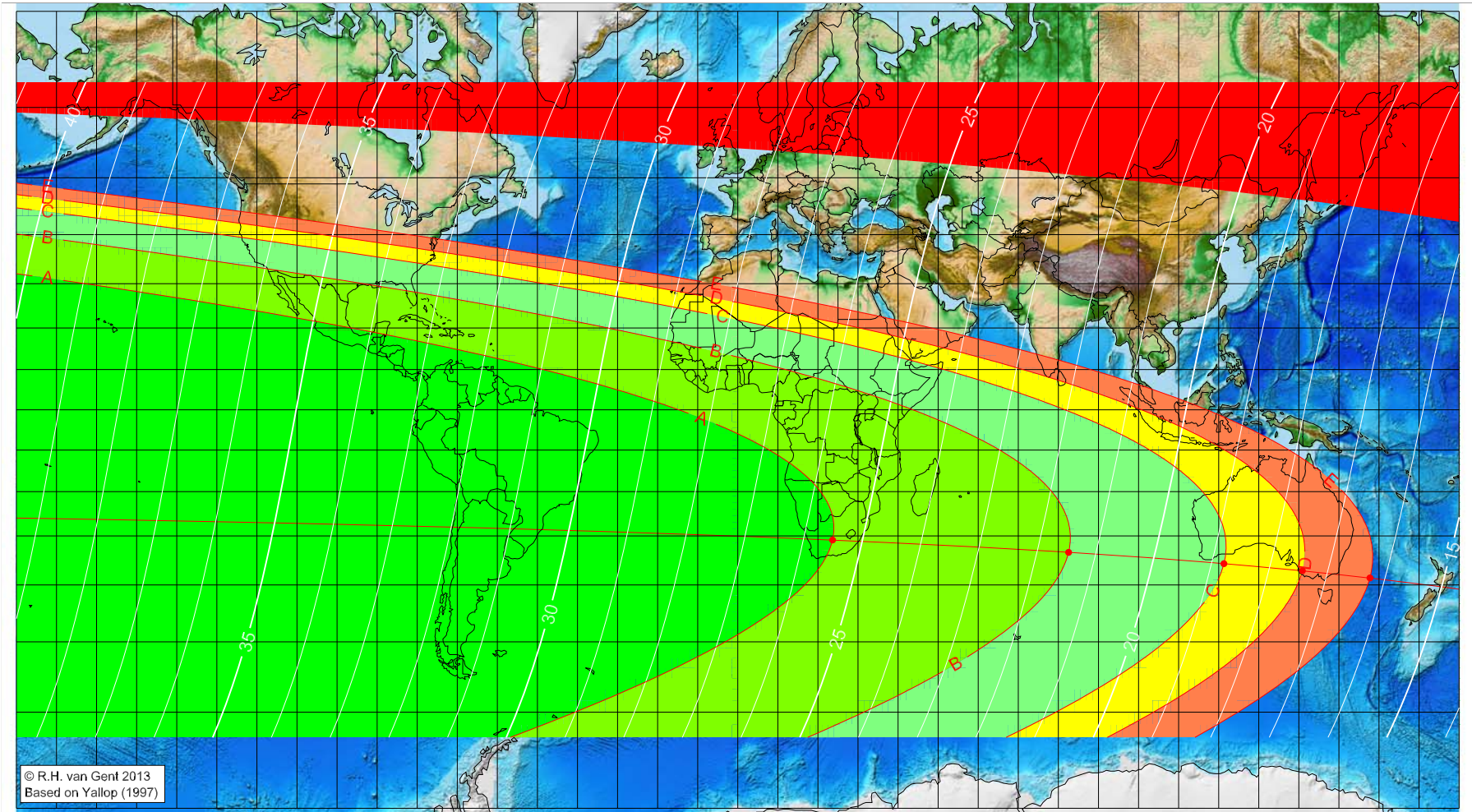
Longitude (°)	Latitude (°)	Lunar age (h)
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening

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 Dhū 'l-Qa'ḍa 1436 AH

Global visibility map for 15 August 2015 [Saturday]  
Day after luni-solar conjunction



© R.H. van Gent 2013  
Based on Yallop (1997)

Astronomical New Moon: 14 August 2015, 14h 53.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1146

Islamic Lunation Number = 17231

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

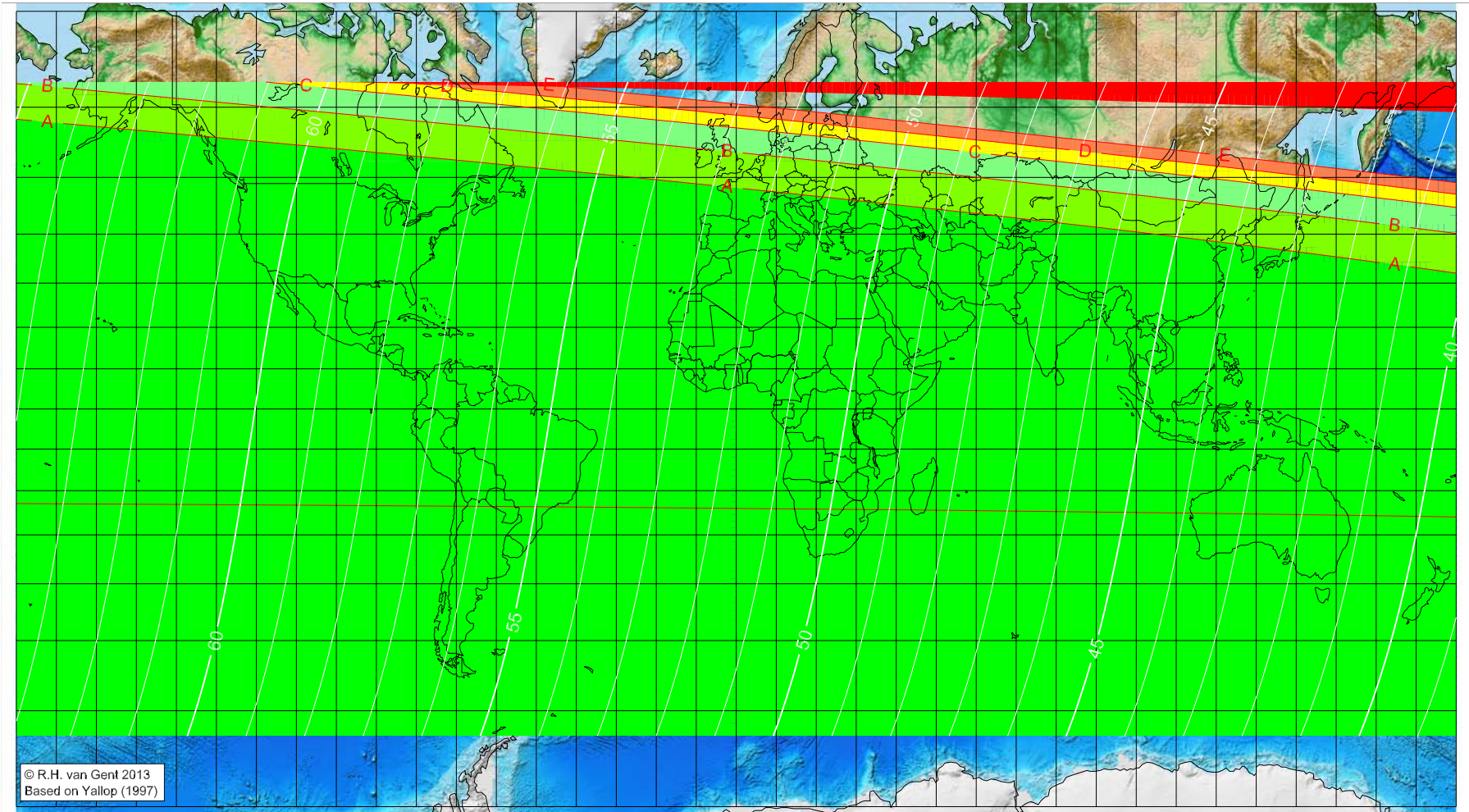
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
23.65	-30.88	25.50
82.55	-33.49	21.46
121.30	-35.81	18.79
140.88	-37.23	17.43
157.75	-38.64	16.25

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

# First visibility lunar crescent for Dhū 'l-Qa'ḍa 1436 AH

Global visibility map for 16 August 2015 [Sunday]  
Second day after luni-solar conjunction



Astronomical New Moon: 14 August 2015, 14h 53.4m (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 = 1146  
Islamic Lunation Number = 17231  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>