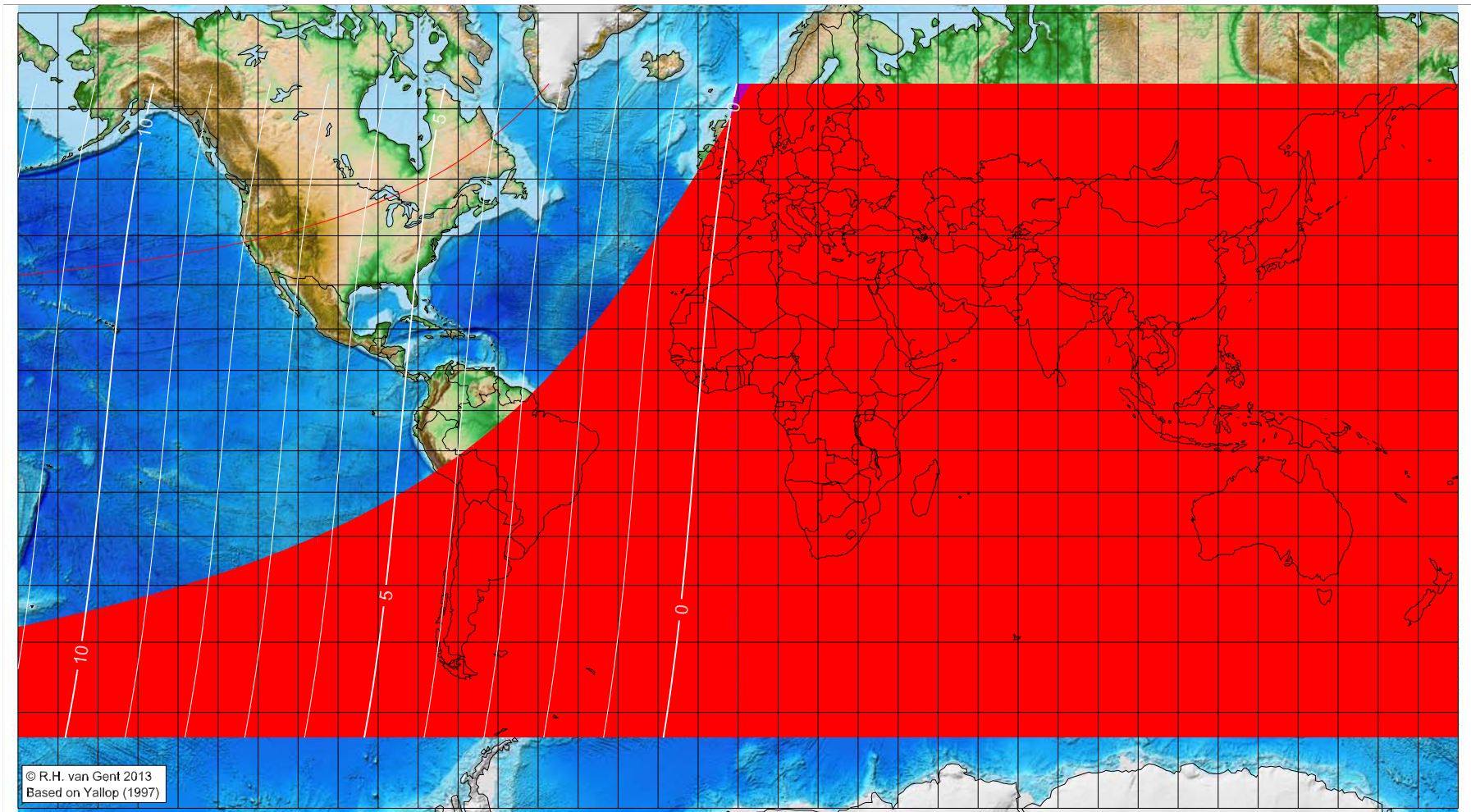


# First visibility lunar crescent for Jumādā 'l-Ākhira 1435 AH

Global visibility map for 30 March 2014 [Sunday]  
Day of luni-solar conjunction



Astronomical New Moon: 30 March 2014, 18h 44.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1129  
Islamic Lunation Number = 17214  
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)

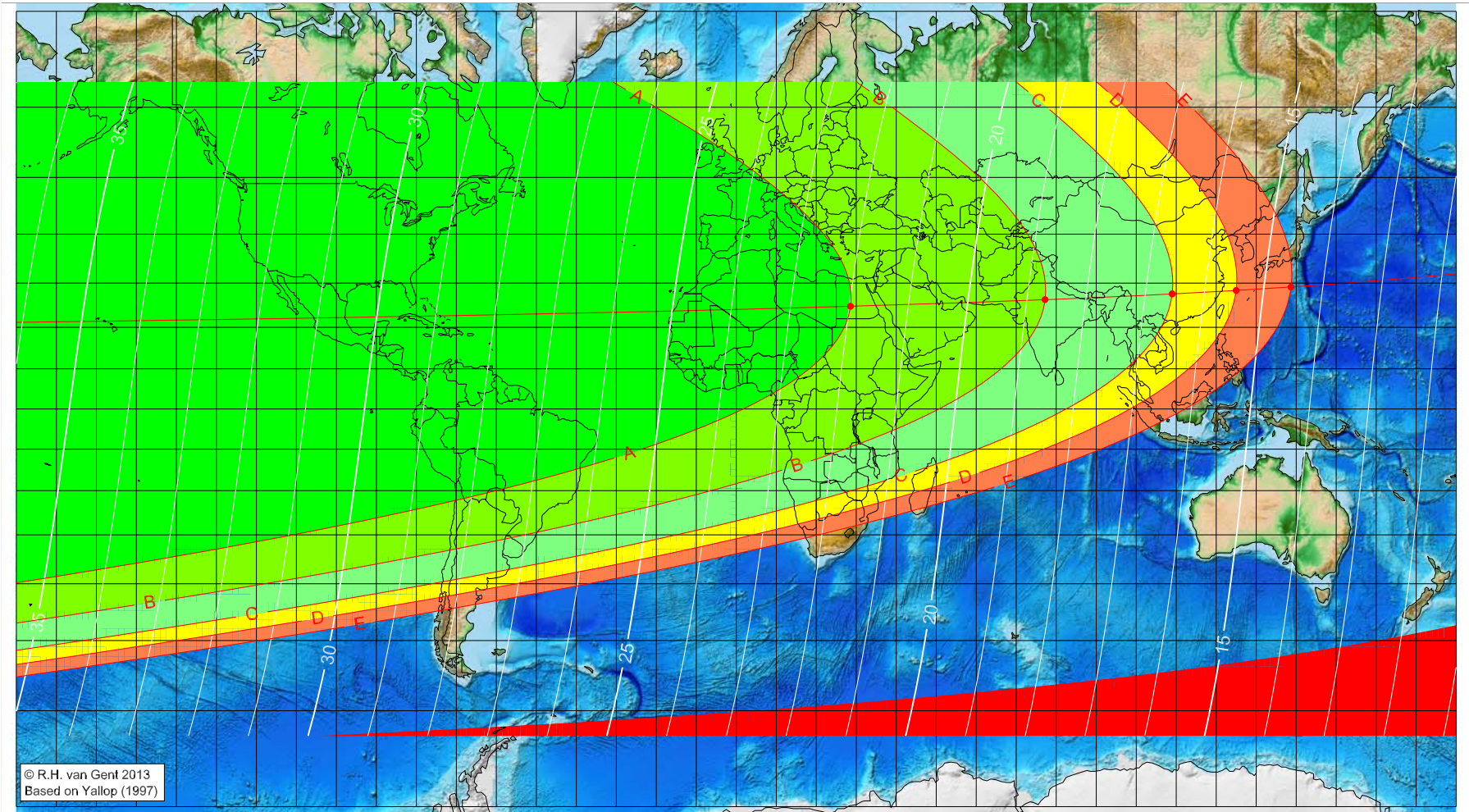
Longitude (°)	Latitude (°)	Lunar age (h)
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening
		not visible until the next evening

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 Jumādā 'l-Ākhira 1435 AH

Global visibility map for 31 March 2014 [Monday]  
Day after luni-solar conjunction



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

Astronomical New Moon: 30 March 2014, 18h 44.8m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1129

Islamic Lunation Number = 17214

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

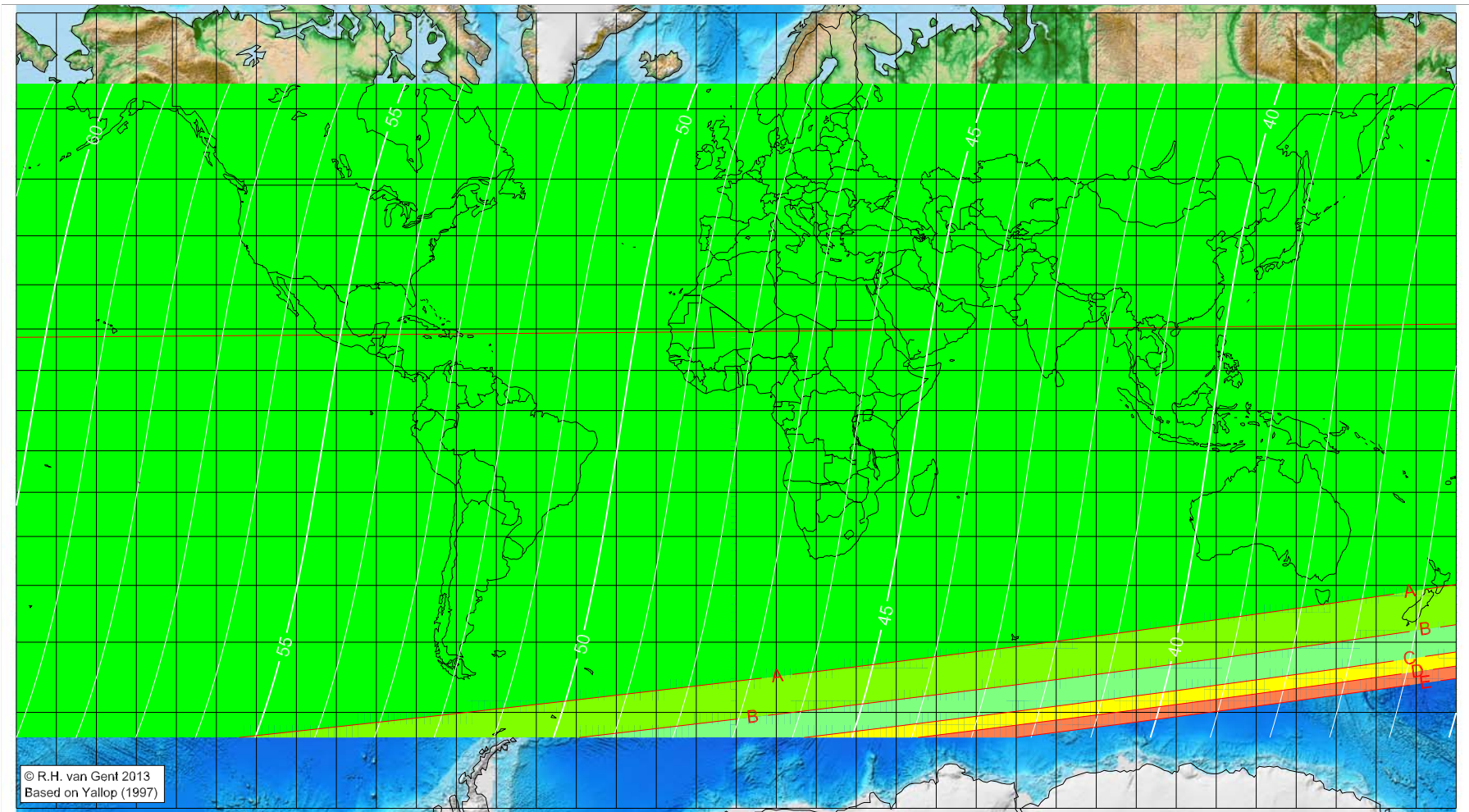
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
28.56	24.85	21.98
77.19	26.36	18.69
108.99	27.64	16.55
124.98	28.40	15.47
138.72	29.14	14.54

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

# First visibility lunar crescent for Jumādā 'l-Ākhira 1435 AH

Global visibility map for 1 April 2014 [Tuesday]  
 Second day after luni-solar conjunction



Astronomical New Moon: 30 March 2014, 18h 44.8m (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 = 1129  
 Islamic Lunation Number = 17214  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>