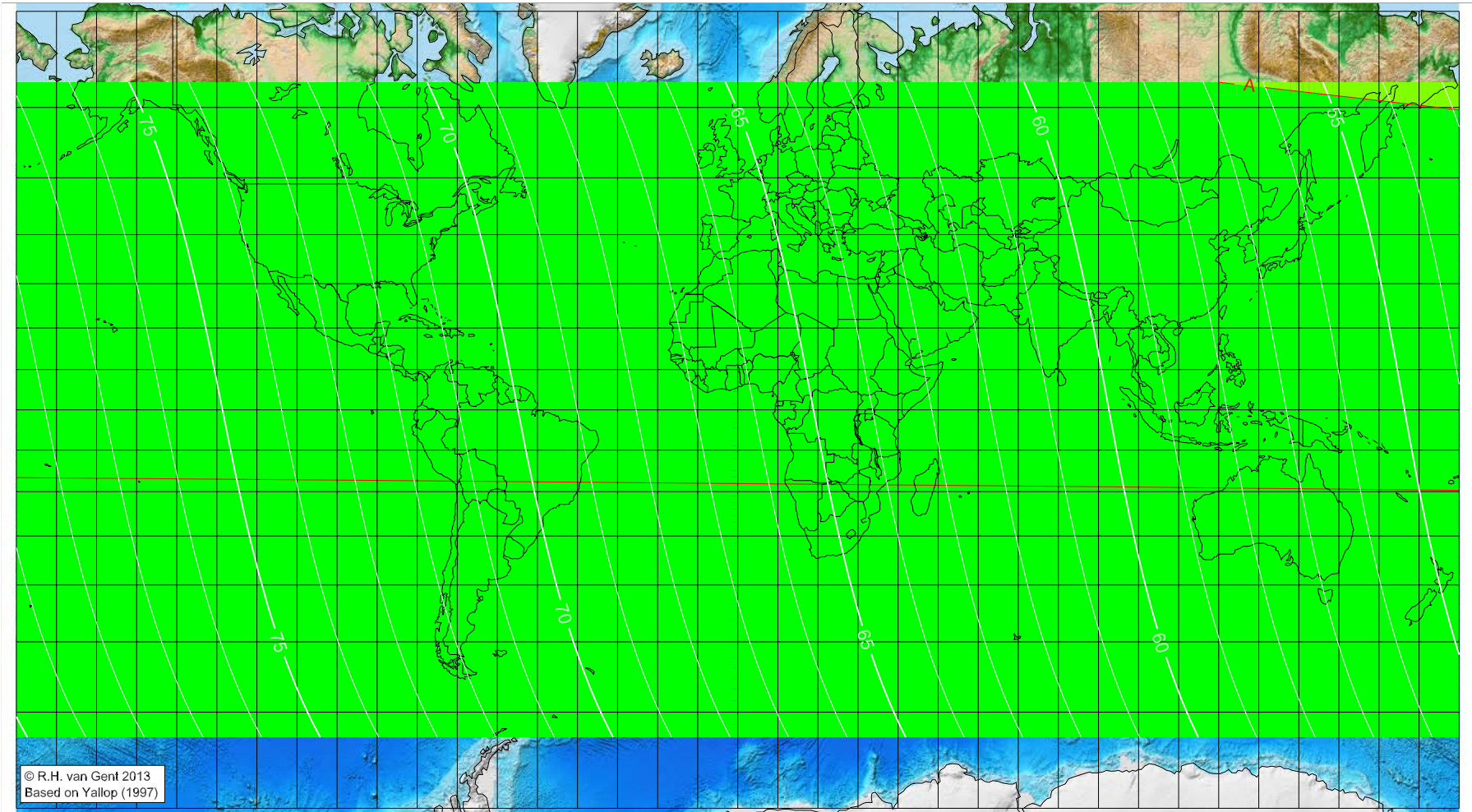


# First visibility lunar crescent for Dhū 'l-Hijja 1434 AH

Global visibility map for 7 October 2013 [Monday]  
Second day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 5 October 2013, 0h 34.5m (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 = 1123  
Islamic Lunation Number = 17208  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>