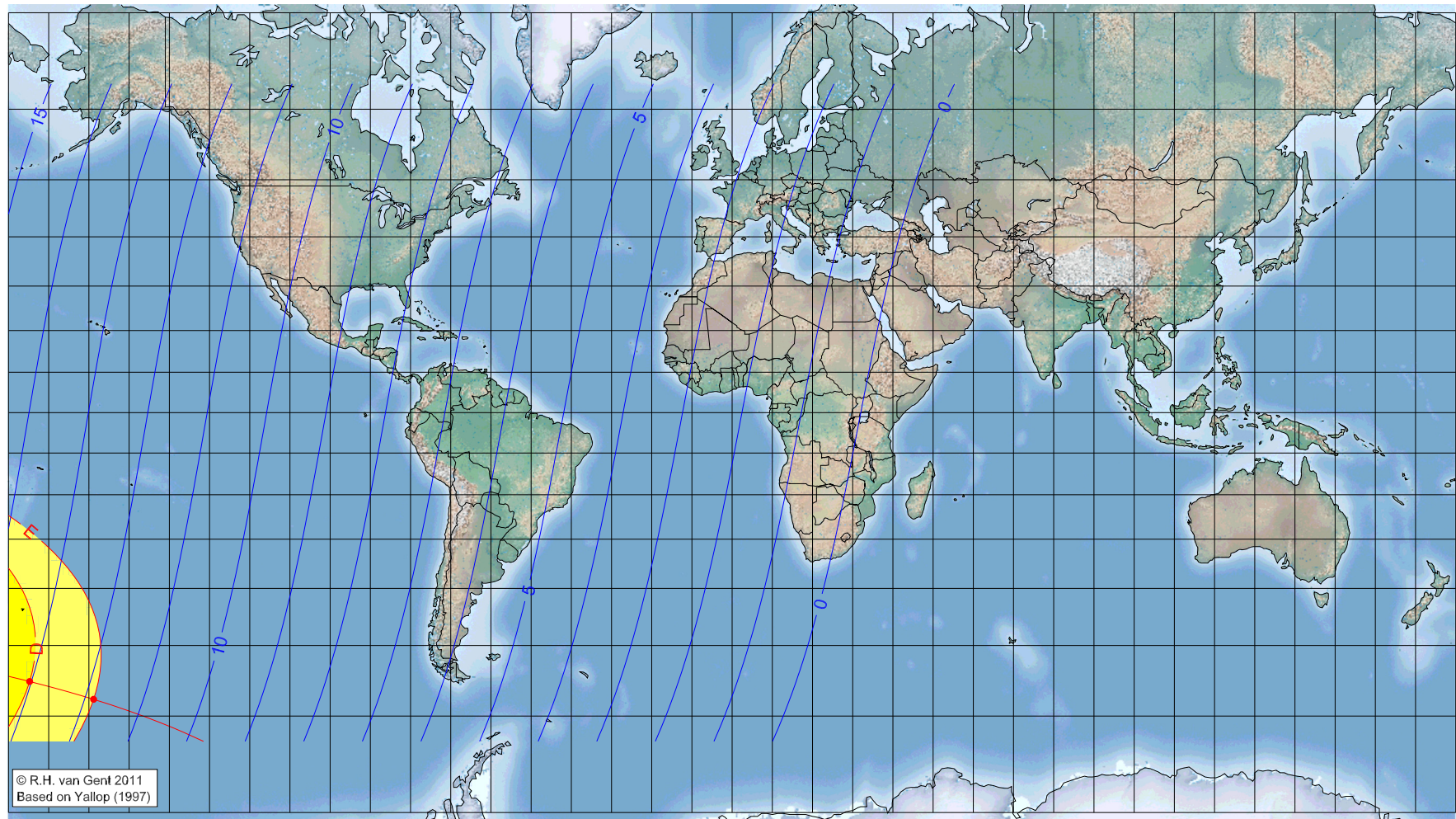


# First visibility lunar crescent for Shawwāl 1433 AH

Global visibility map for 17 August 2012 [Friday]

Day of luni-solar conjunction



© R.H. van Gent 2011  
Based on Yallop (1997)

Astronomical New Moon: 17 August 2012, 15h 54.5m (UTC)

$\Delta T = 1.1$  min

First visibility (●)

Longitude (°) Latitude (°) Lunar age (h)

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – may need optical aid before visible to the unaided eye
- D – only visible with binoculars or a telescope
- E – Danjon limit ( $8^\circ$ ) – invisible even with optical aid

not visible until the next evening  
not visible until the next evening  
not visible until the next evening  
-174.74 -55.41 13.03  
-158.84 -57.85 11.85

Astronomical (Brown) Lunation Number = 1109

Islamic Lunation Number = 17194

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/>