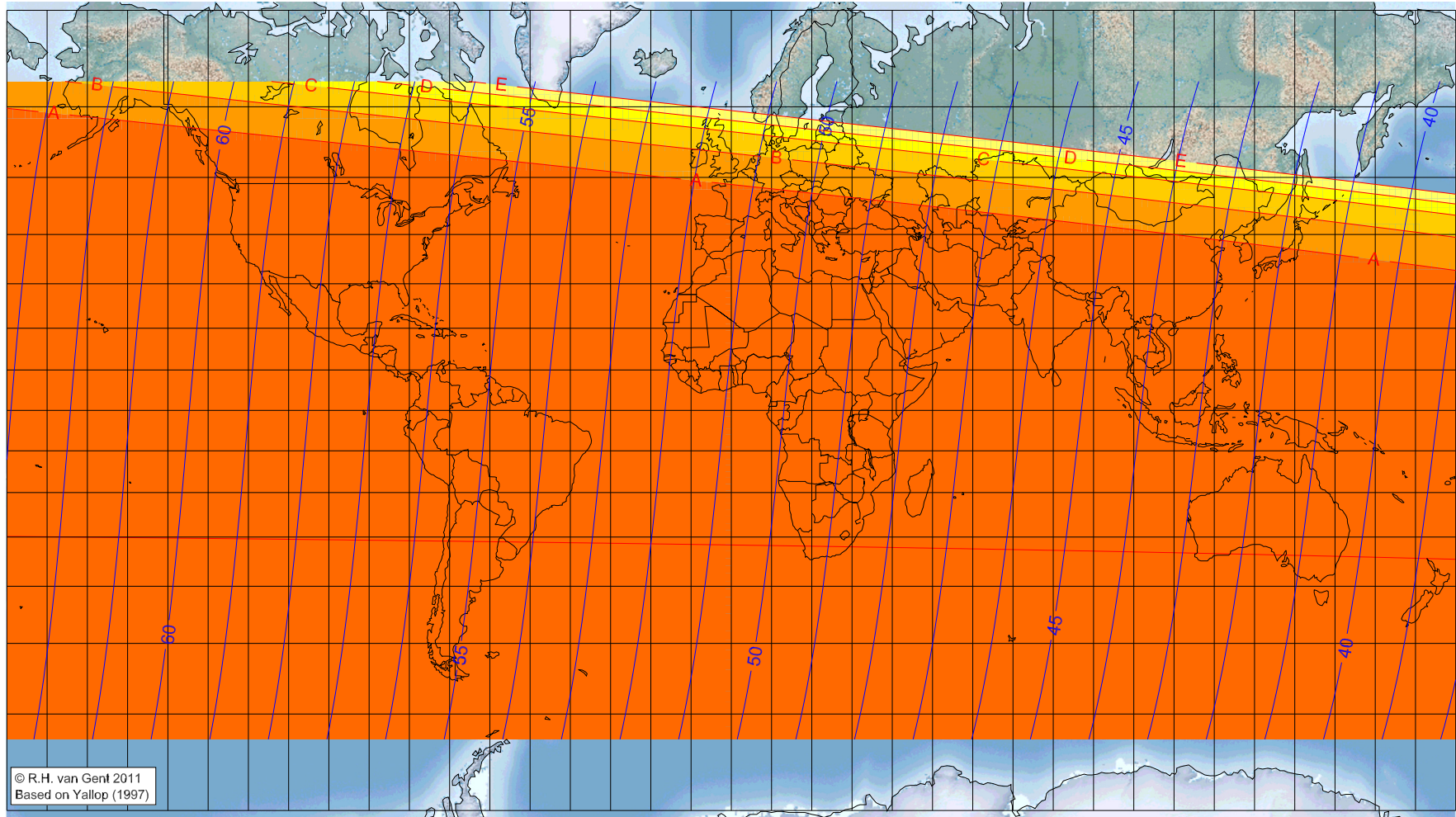


First visibility lunar crescent for Shawwāl 1433 AH

Global visibility map for 19 August 2012 [Sunday]

Second day after luni-solar conjunction



Astronomical New Moon: 17 August 2012, 15h 54.5m (UTC)
 $\Delta T = 1.1$ min

Astronomical (Brown) Lunation Number = 1109
Islamic Lunation Number = 17194

- 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°) – invisible even with optical aid

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/>