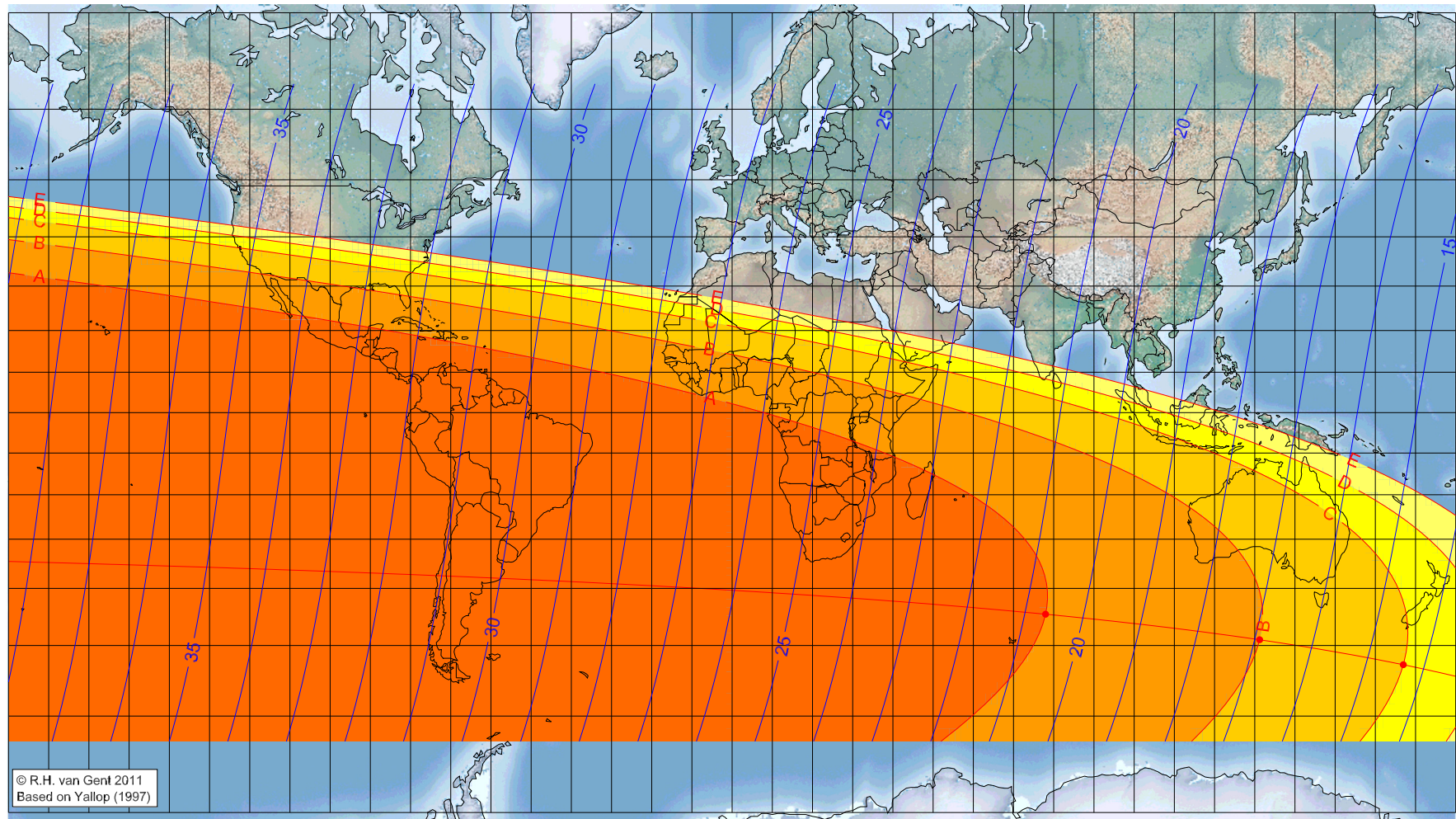


First visibility lunar crescent for Shawwāl 1433 AH

Global visibility map for 18 August 2012 [Saturday]

Day after luni-solar conjunction



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

$\Delta T = 1.1$ min

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
77.97	-44.74	20.65
131.22	-49.07	16.91
166.96	-52.97	14.36
visible on the previous evening		
visible on the previous evening		

- 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

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/>