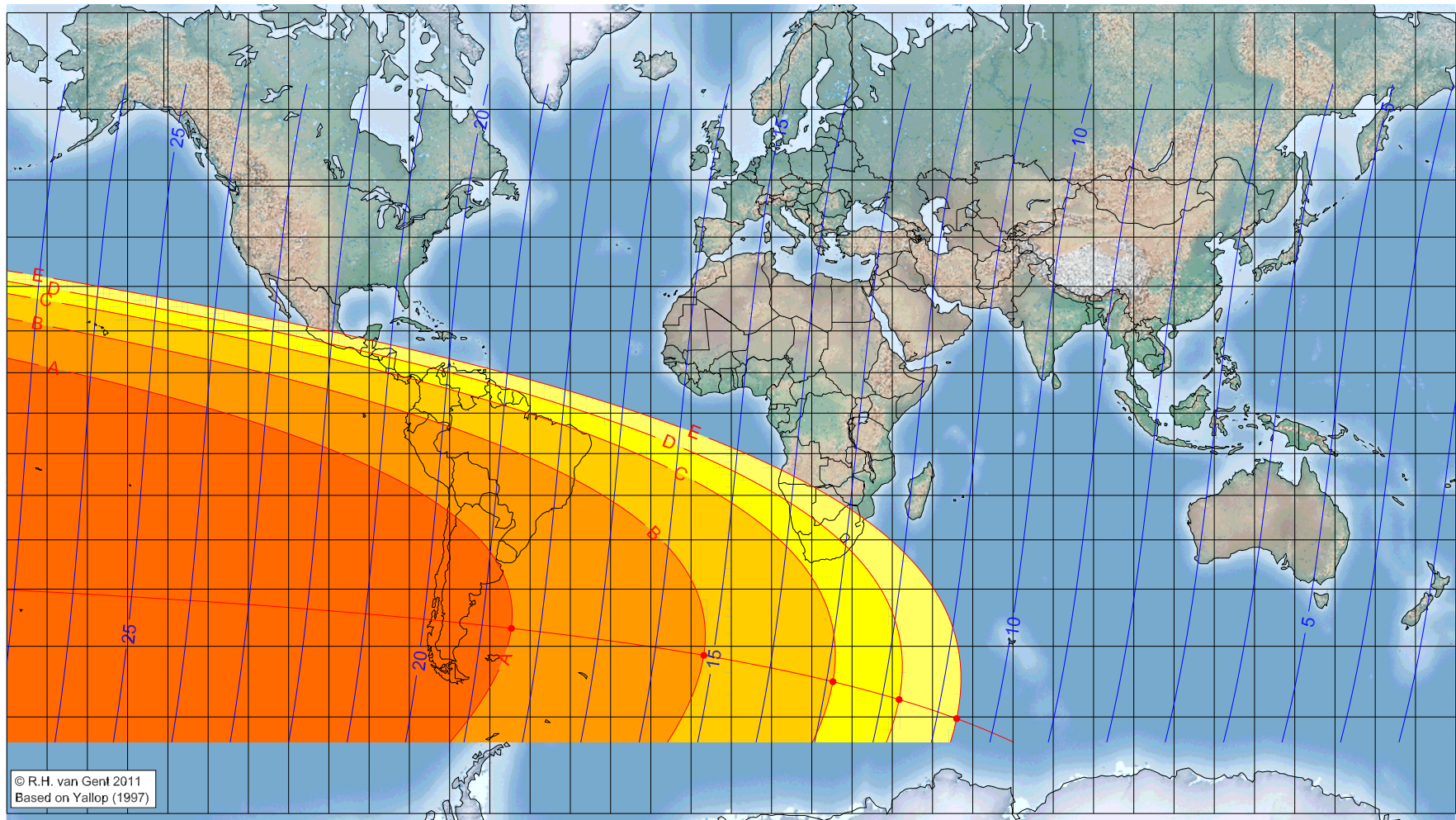


# First visibility lunar crescent for Shawwāl 1432 AH

Global visibility map for 29 August 2011 [Monday]

Day of luni-solar conjunction



Astronomical New Moon: 29 August 2011, 3h 4.0m (UTC)

$\Delta T = 1.1$  min

First visibility (●)

- 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

Longitude ( $^\circ$ )	Latitude ( $^\circ$ )	Lunar age (h)
-54.65	-47.05	18.49
-6.83	-51.42	15.16
25.25	-55.32	12.89
41.70	-57.77	11.70
56.00	-60.21	10.66

Astronomical (Brown) Lunation Number = 1097

Islamic Lunation Number = 17182

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/>