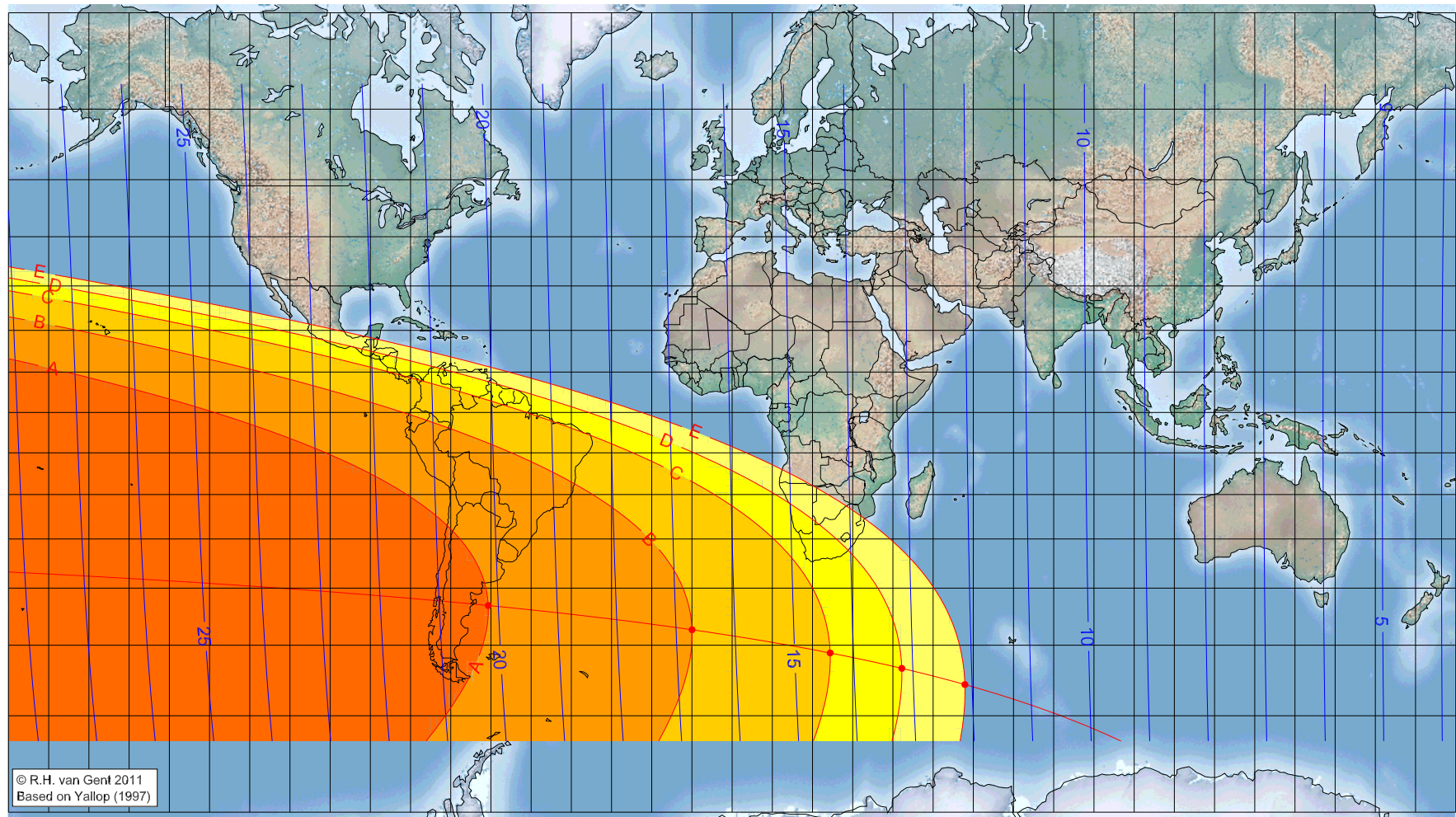


# First visibility lunar crescent for Dhū 'l-Qa'da 1433 AH

Global visibility map for 16 September 2012 [Sunday]

Day of luni-solar conjunction



Astronomical New Moon: 16 September 2012, 2h 10.6m (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°) – invisible even with optical aid

Longitude (°)	Latitude (°)	Lunar age (h)
-60.66	-43.23	20.17
-9.97	-47.46	16.73
24.39	-51.22	14.40
42.21	-53.56	13.19
57.91	-55.88	12.12

Astronomical (Brown) Lunation Number = 1110

Islamic Lunation Number = 17195

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/>