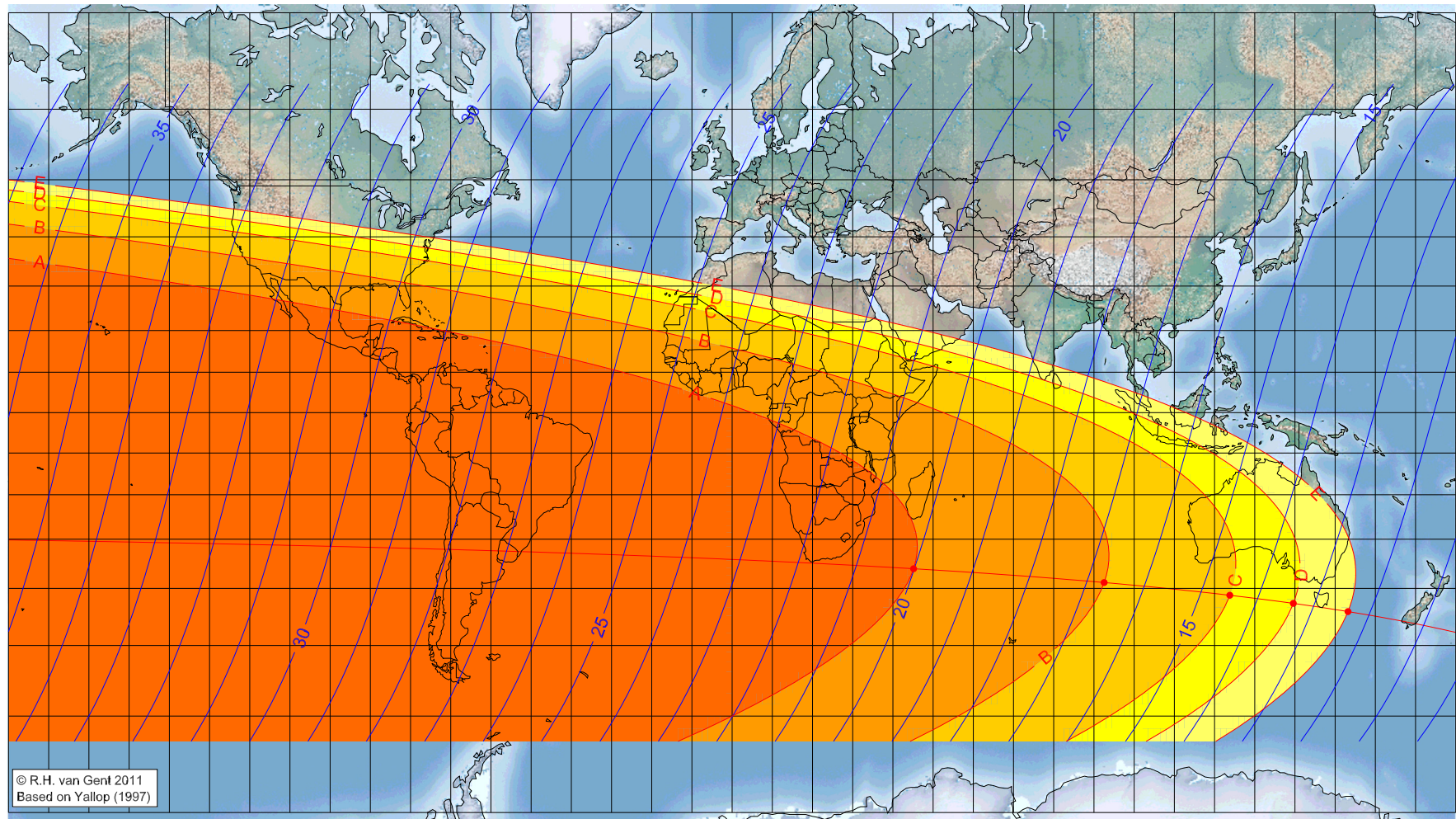


First visibility lunar crescent for Ramaḍān 1432 AH

Global visibility map for 31 July 2011 [Sunday]
Day after luni-solar conjunction



Astronomical New Moon: 30 July 2011, 18h 39.8m (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 ($^\circ$)	Latitude ($^\circ$)	Lunar age (h)
45.14	-36.15	20.01
92.54	-38.87	16.70
123.80	-41.29	14.49
139.60	-42.79	13.36
153.20	-44.27	12.38

Astronomical (Brown) Lunation Number = 1096
Islamic Lunation Number = 17181

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/>