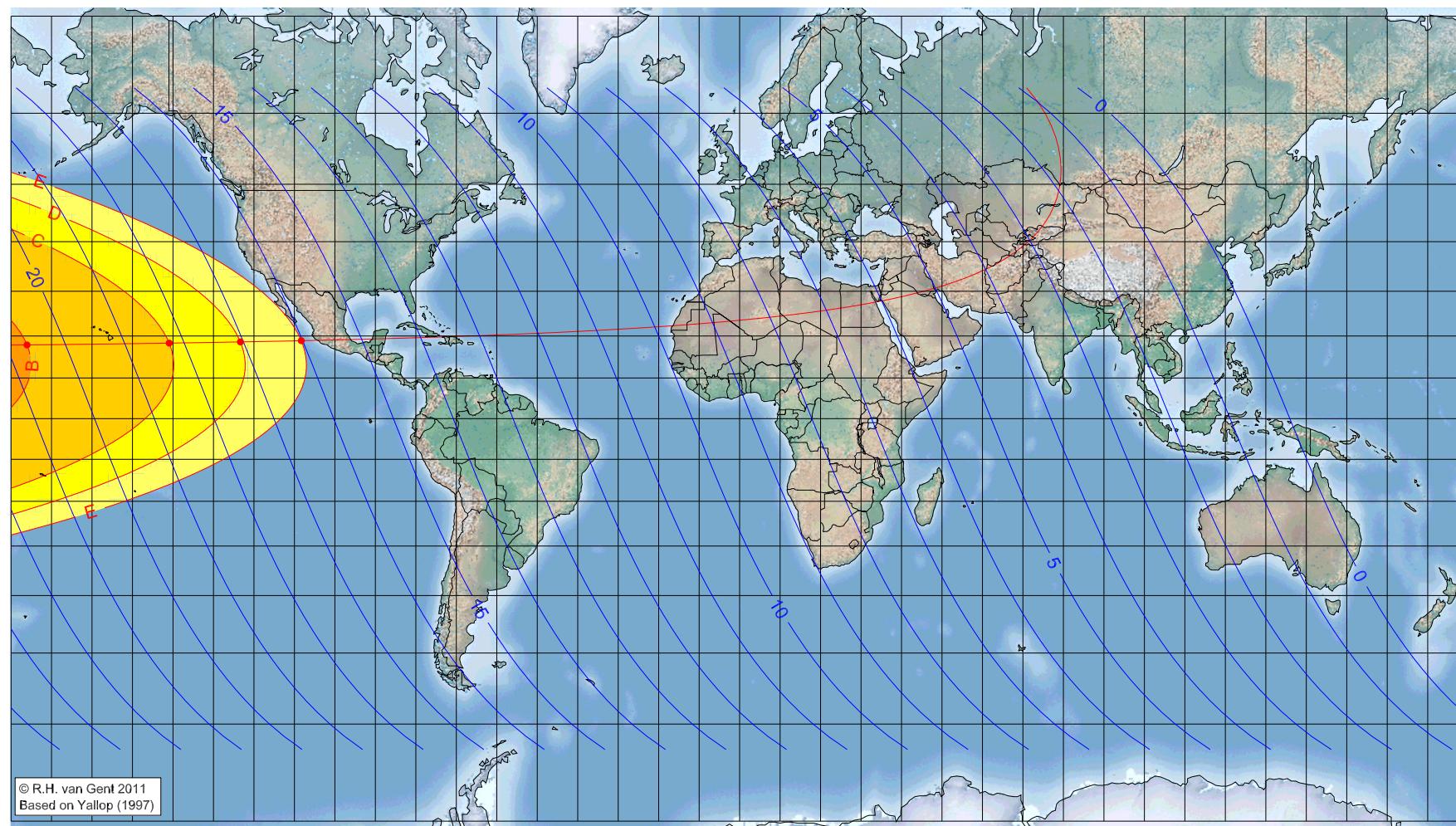


# First visibility lunar crescent for Şafar 1432 AH

Global visibility map for 4 January 2011 [Tuesday]  
Day of luni-solar conjunction



Astronomical New Moon: 4 January 2011, 9h 2.6m (UTC)  
 $\Delta T = 1.1$  min

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
-176.06	17.91	20.65
-140.93	18.34	18.25
-123.34	18.62	17.05
-108.30	18.90	16.02

- 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 = 1089  
Islamic Lunation Number = 17174

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/>