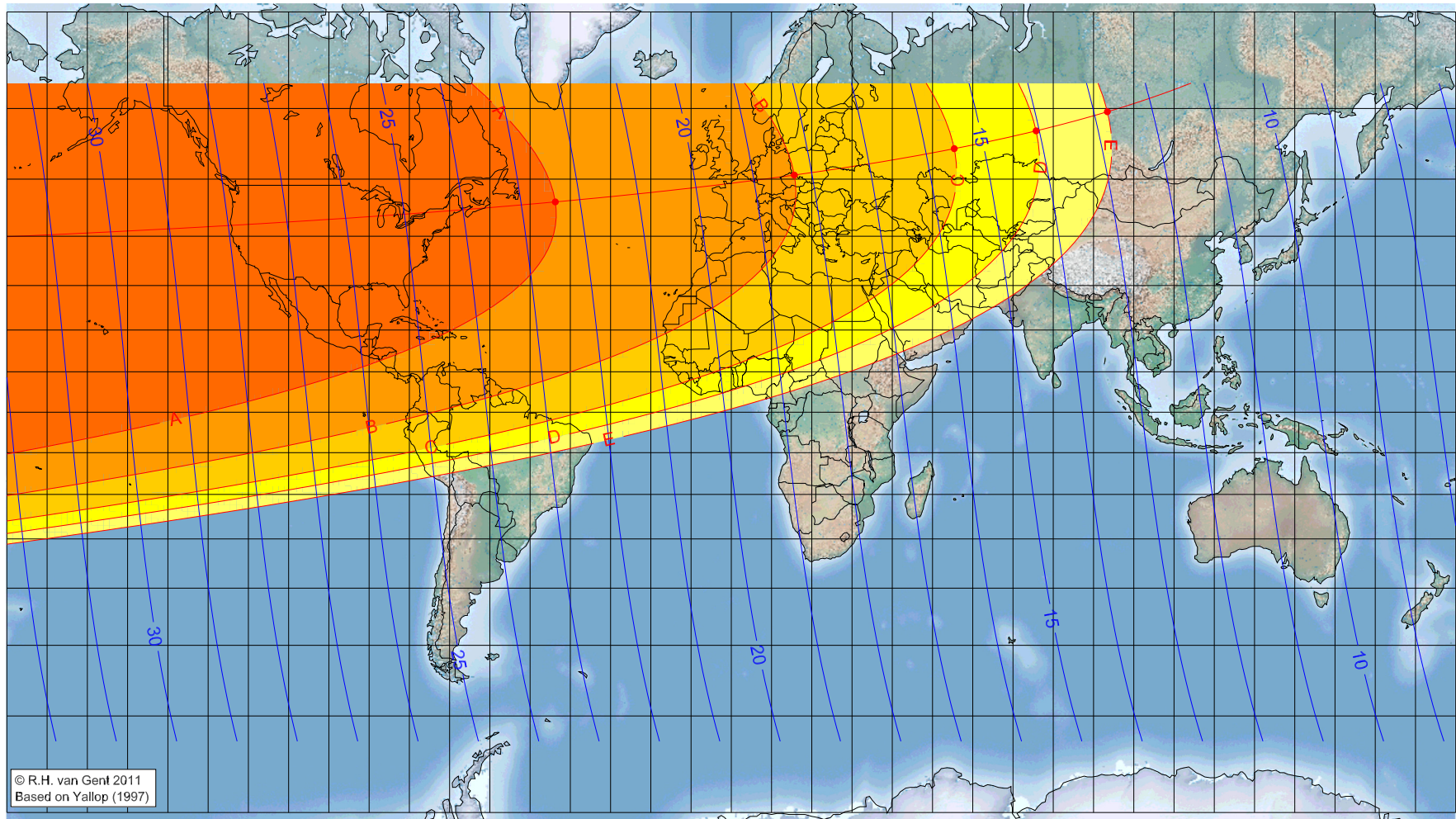


# First visibility lunar crescent for Rabī al-Ākhir 1433 AH

Global visibility map for 22 February 2012 [Wednesday]

Day after luni-solar conjunction



Astronomical New Moon: 21 February 2012, 22h 34.6m (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 ( $8^\circ$ ) – invisible even with optical aid

Longitude ( $^\circ$ )	Latitude ( $^\circ$ )	Lunar age (h)
-43.73	46.22	22.42
15.65	50.64	18.30
55.39	54.62	15.51
75.74	57.10	14.05
93.44	59.59	12.77

Astronomical (Brown) Lunation Number = 1103

Islamic Lunation Number = 17188

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/>