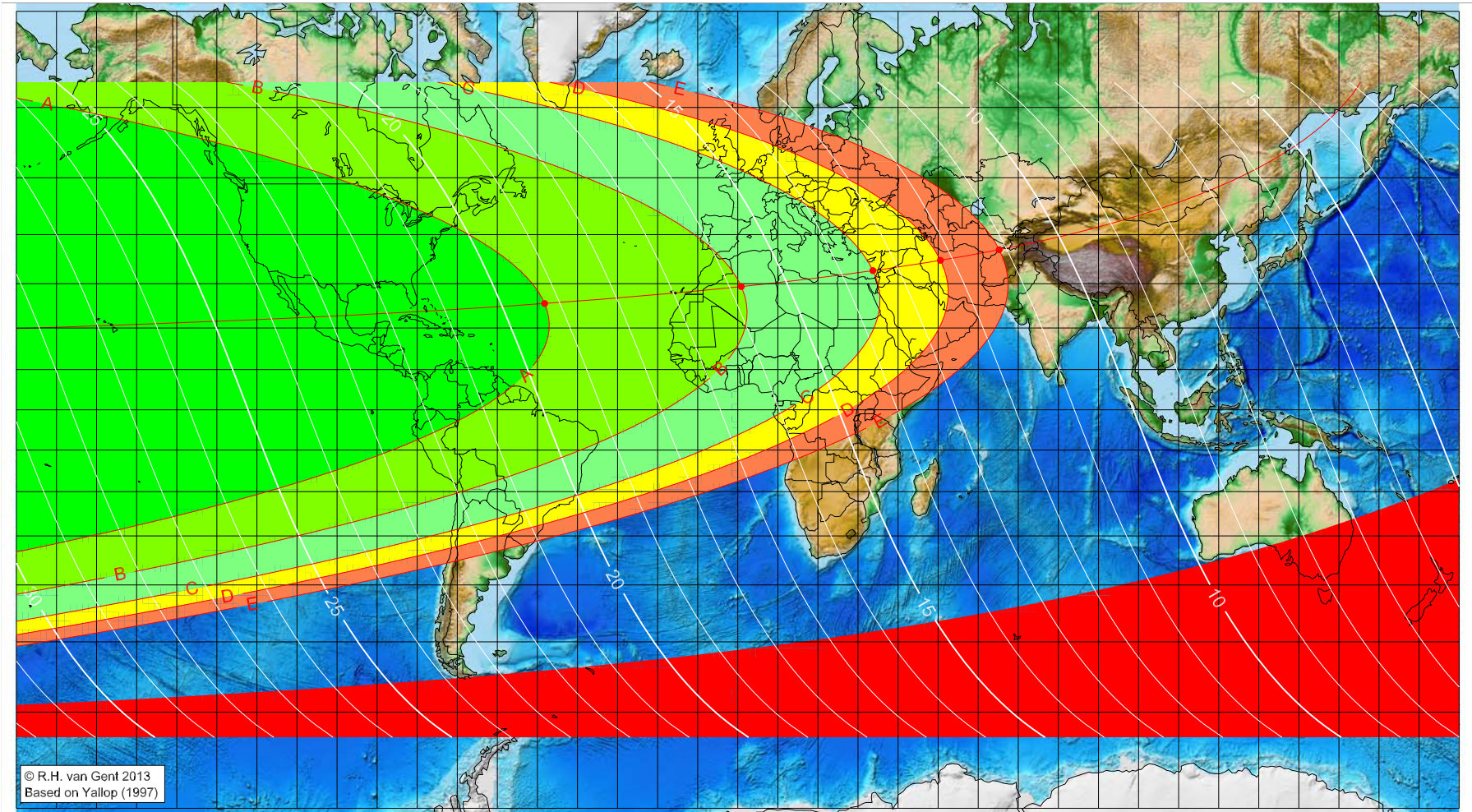


First visibility lunar crescent for Rabīʿ al-Awwal 1436 AH

Global visibility map for 22 December 2014 [Monday]
Day of luni-solar conjunction



© R.H. van Gent 2013
Based on Yallop (1997)

Astronomical New Moon: 22 December 2014, 1h 35.9m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1138

Islamic Lunation Number = 17223

TT - UT [= ΔT] = 1.1 min

Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)

Longitude (°)	Latitude (°)	Lunar age (h)
-48.20	25.62	19.26
0.87	29.37	15.80
33.72	32.78	13.44
50.56	34.92	12.22
65.23	37.06	11.13

■ moonset before sunset

■ before conjunction (astronomical new moon)

More info: <http://www.staff.science.uu.nl/~gent0113/>