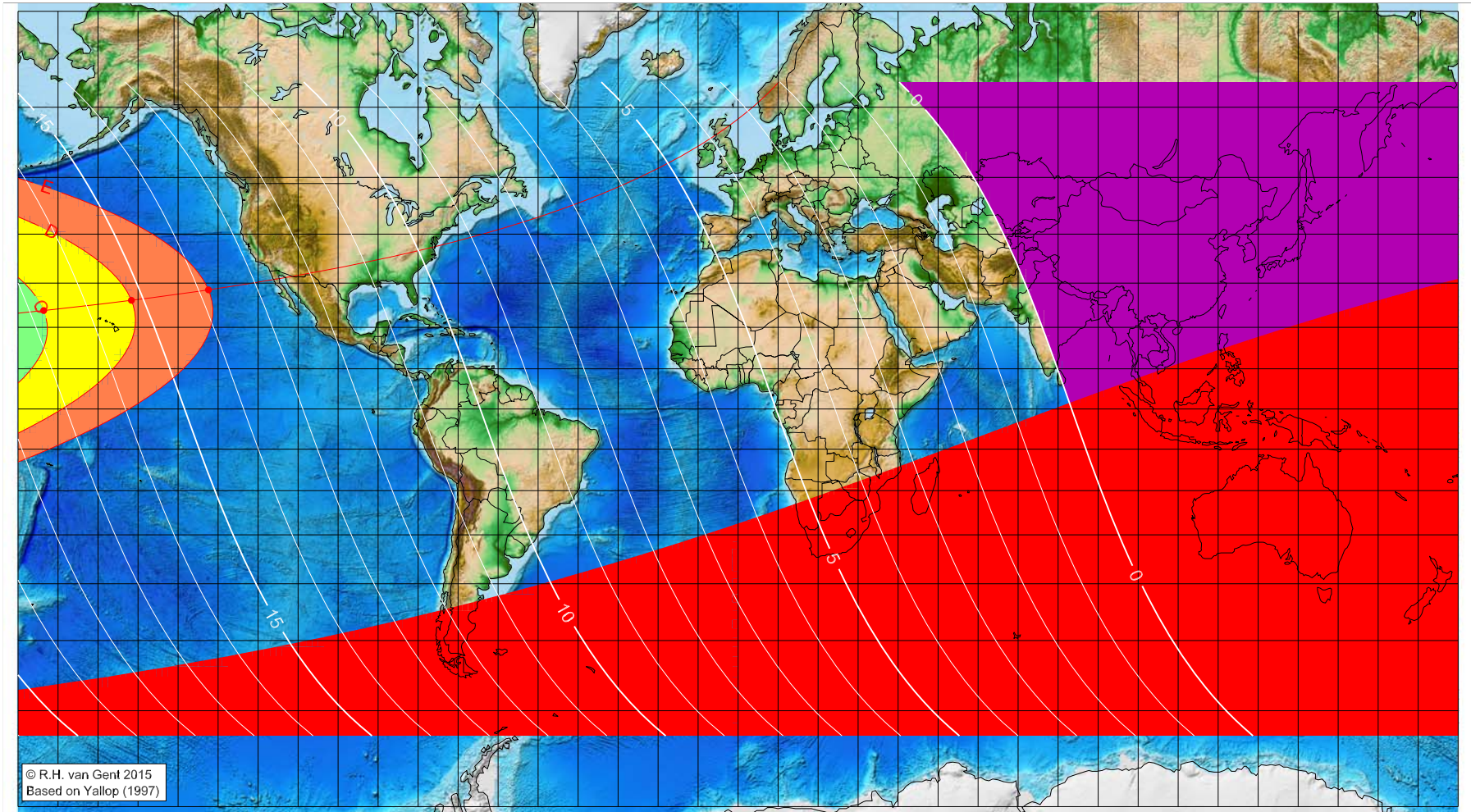


# First visibility lunar crescent for Rabīʿ al-Awwal 1438 AH

Global visibility map for 29 November 2016 [Tuesday]  
Day of luni-solar conjunction



© R.H. van Gent 2015  
Based on Yallop (1997)

Astronomical New Moon: 29 November 2016, 12h 18.3m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-173.59	23.89	16.76
-151.66	26.20	15.21
-132.40	28.53	13.83

Astronomical (Brown) Lunation Number = 1162

Islamic Lunation Number = 17247

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°)

■ moonset before sunset

■ before conjunction (astronomical new moon)

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