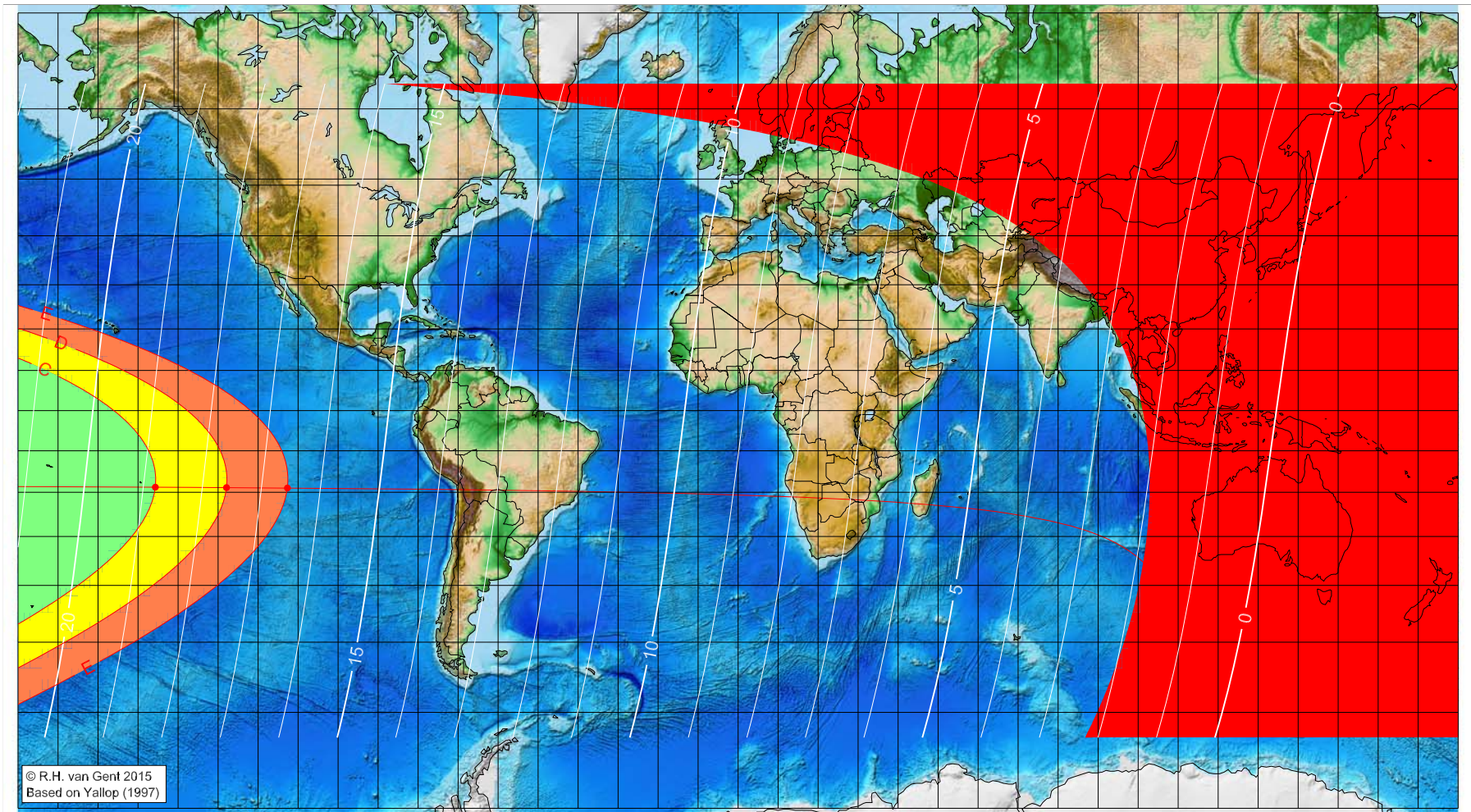


# First visibility lunar crescent for Dhu 'l-Hijja 1437 AH

Global visibility map for 1 September 2016 [Thursday]  
Day of luni-solar conjunction



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

Astronomical New Moon: 1 September 2016, 9h 3.1m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
		not visible until the next evening
		not visible until the next evening
-145.68	-18.80	18.80
-127.89	-18.90	17.59
-112.66	-19.00	16.56

Astronomical (Brown) Lunation Number = 1159

Islamic Lunation Number = 17244

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/>