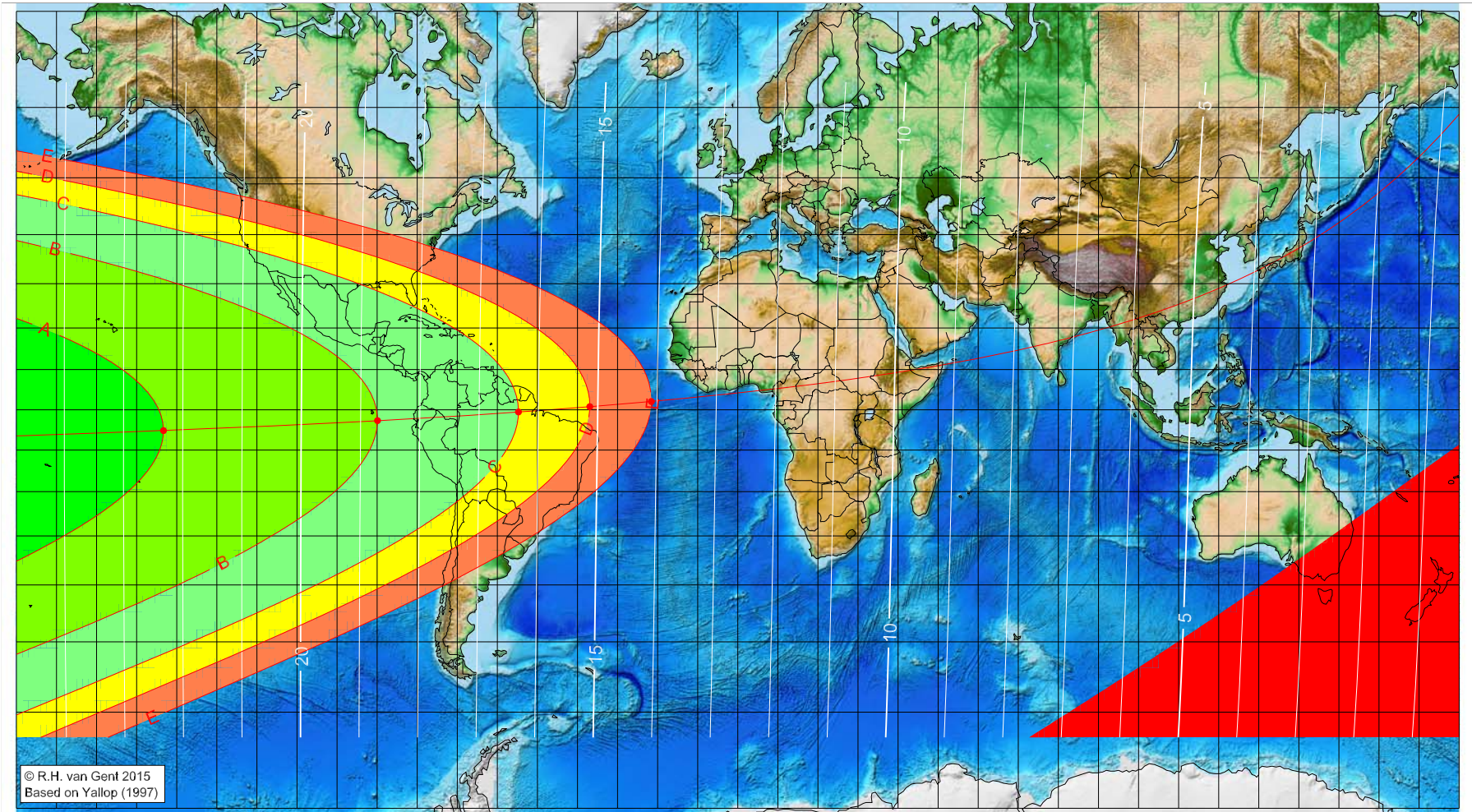


# First visibility lunar crescent for Muḥarram 1439 AH

Global visibility map for 20 September 2017 [Wednesday]  
Day of luni-solar conjunction



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

Astronomical New Moon: 20 September 2017, 5h 29.9m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1172

Islamic Lunation Number = 17257

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)
-143.31	-5.19	22.33
-89.90	-2.70	18.71
-54.73	-0.54	16.34
-36.93	0.78	15.13
-21.57	2.07	14.10

■ moonset before sunset

■ before conjunction (astronomical new moon)

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