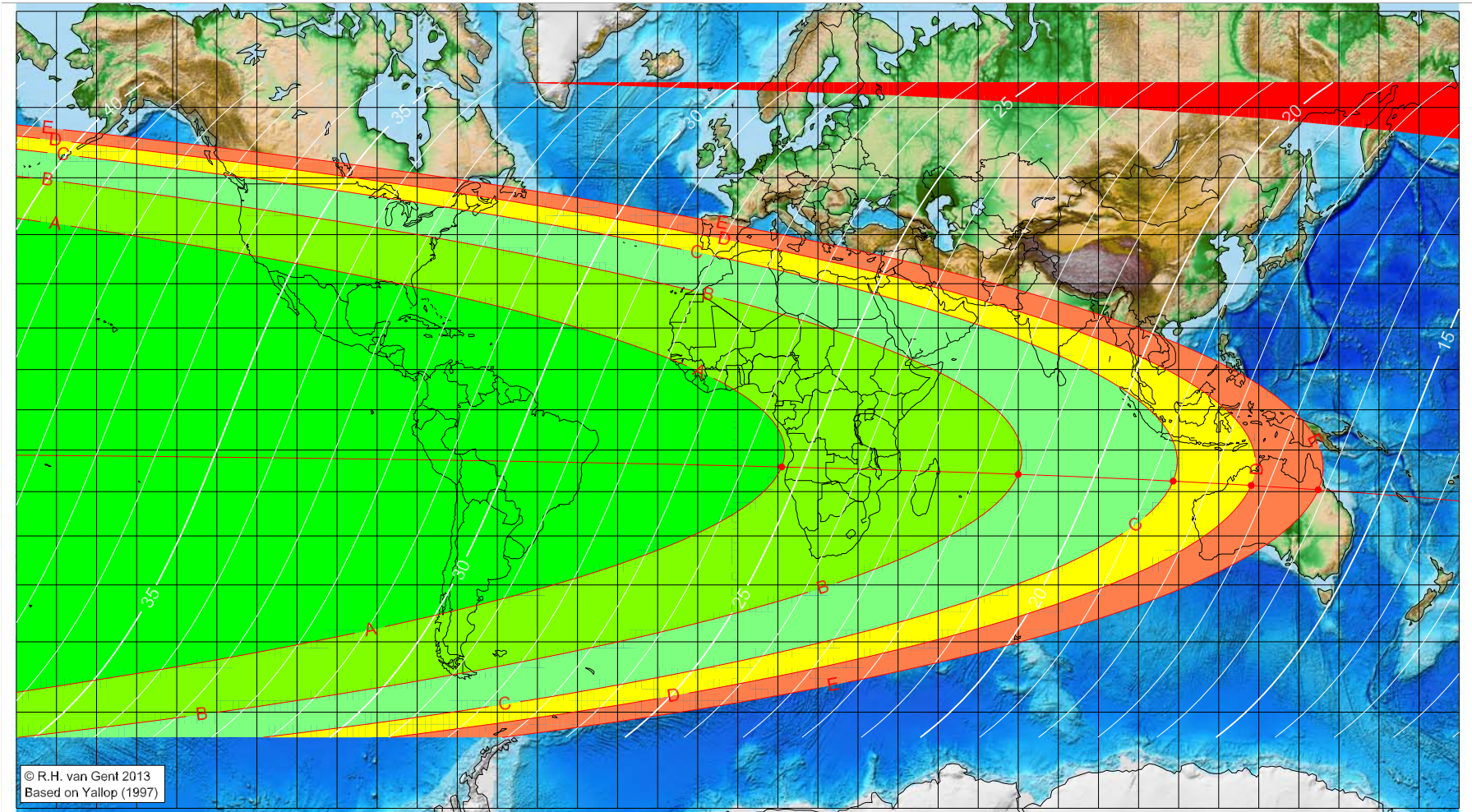


First visibility lunar crescent for Sha'bān 1434 AH

Global visibility map for 9 June 2013 [Sunday]
Day after luni-solar conjunction



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

Astronomical New Moon: 8 June 2013, 15h 56.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1119
Islamic Lunation Number = 17204
TT - UT [= ΔT] = 1.1 min

- 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)
10.96	-14.11	25.34
69.97	-15.90	21.30
108.64	-17.53	18.64
128.12	-18.54	17.29
144.85	-19.55	16.12

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

- moonset before sunset
- before conjunction (astronomical new moon)

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