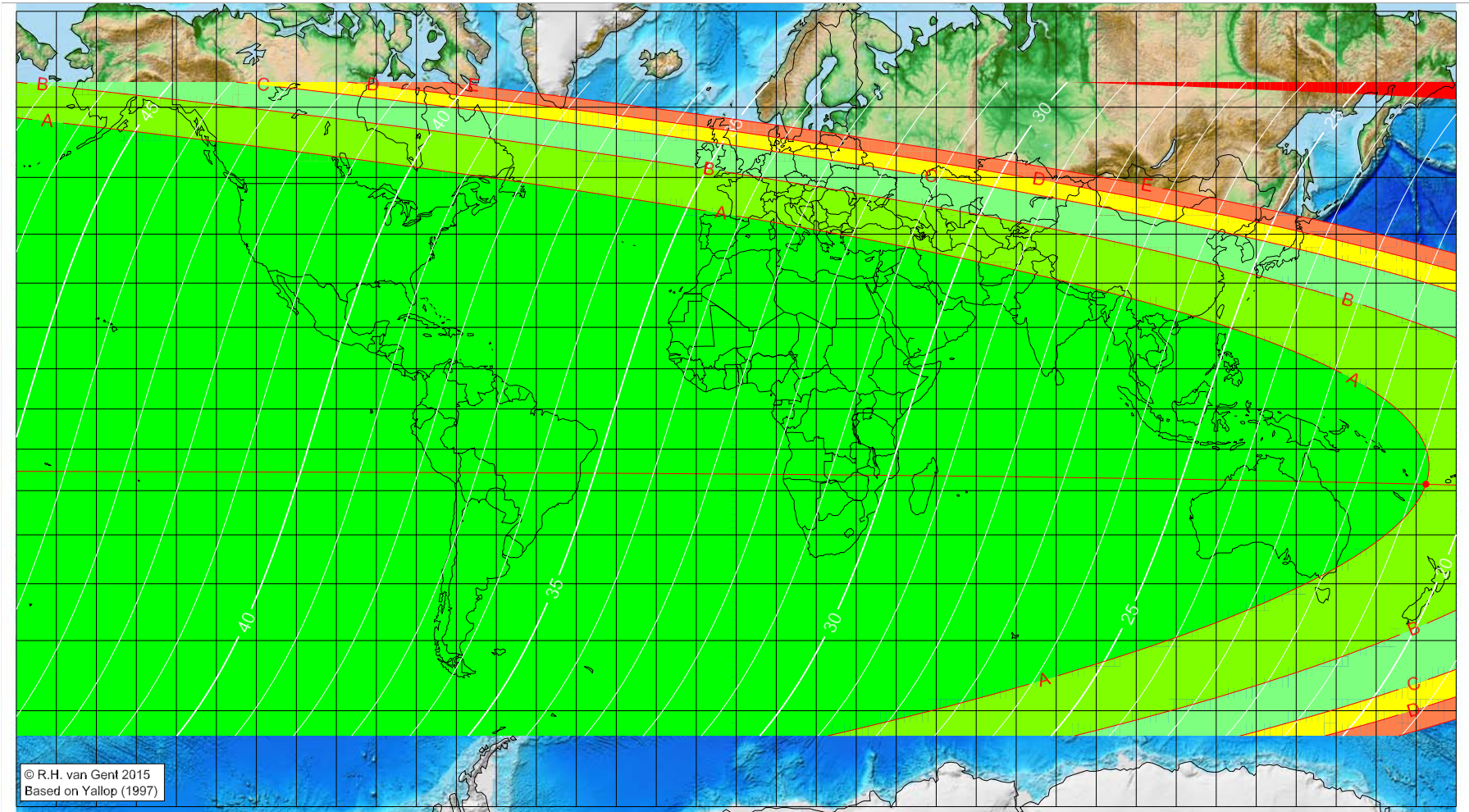


# First visibility lunar crescent for Dhu 'l-Qa'da 1438 AH

Global visibility map for 24 July 2017 [Monday]  
Day after luni-solar conjunction



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

Astronomical New Moon: 23 July 2017, 9h 45.6m (UTC)

First visibility (•)

| Longitude (°) | Latitude (°) | Lunar age (h)                   |
|---------------|--------------|---------------------------------|
| 172.44        | -18.49       | 20.82                           |
|               |              | visible on the previous evening |
|               |              | visible on the previous evening |
|               |              | visible on the previous evening |

Astronomical (Brown) Lunation Number = 1170  
Islamic Lunation Number = 17255  
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°)
- moonset before sunset
- before conjunction (astronomical new moon)

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

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