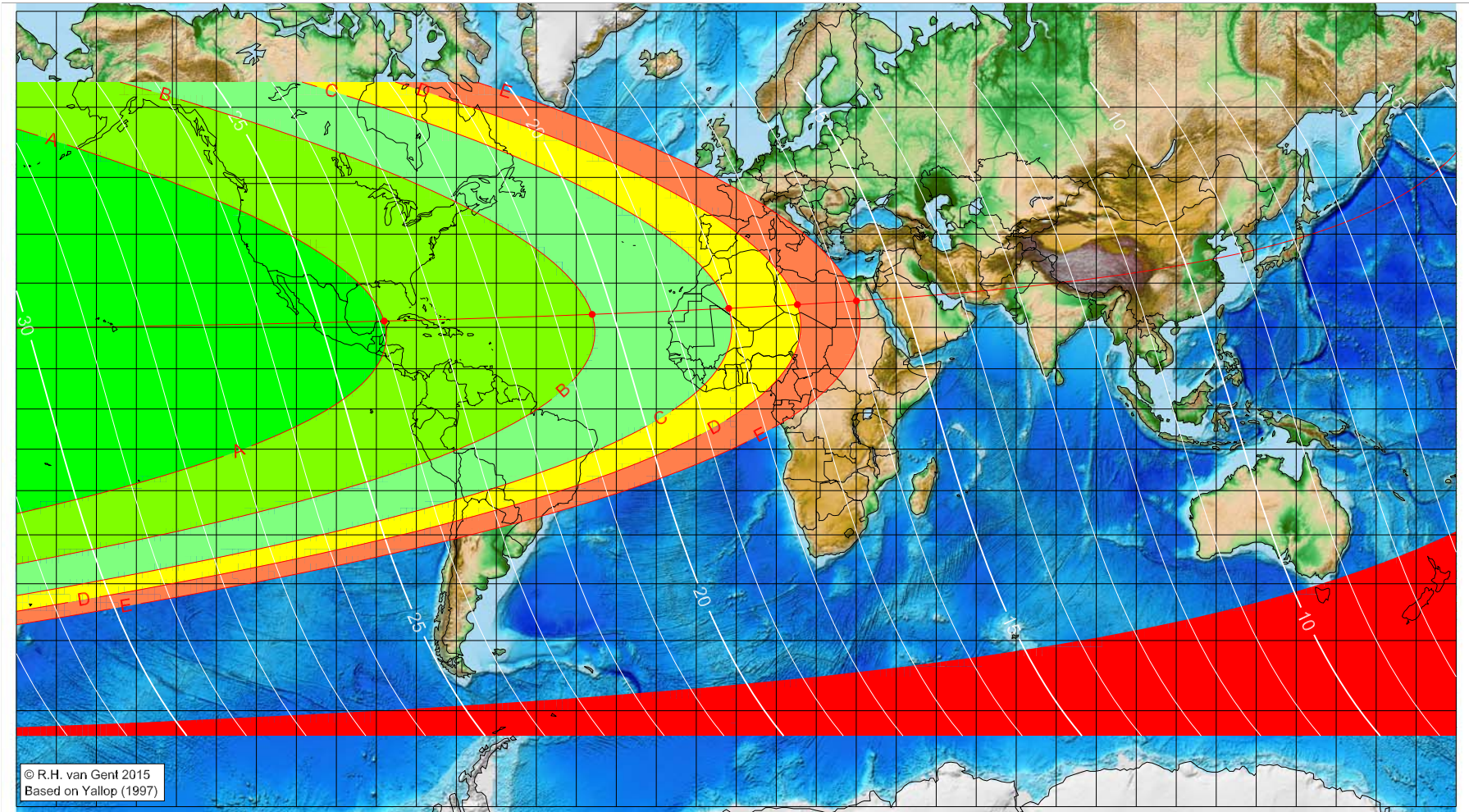


First visibility lunar crescent for Jumādā 'l-Ūlā 1438 AH

Global visibility map for 28 January 2017 [Saturday]
Day of luni-solar conjunction



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

Astronomical New Moon: 28 January 2017, 0h 7.0m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1164

Islamic Lunation Number = 17249

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) |
|---------------|--------------|---------------|
| -88.05 | 21.47 | 23.92 |
| -36.04 | 23.00 | 20.36 |
| -1.91 | 24.37 | 18.01 |
| 15.28 | 25.23 | 16.82 |
| 30.05 | 26.07 | 15.80 |

■ moonset before sunset

■ before conjunction (astronomical new moon)

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