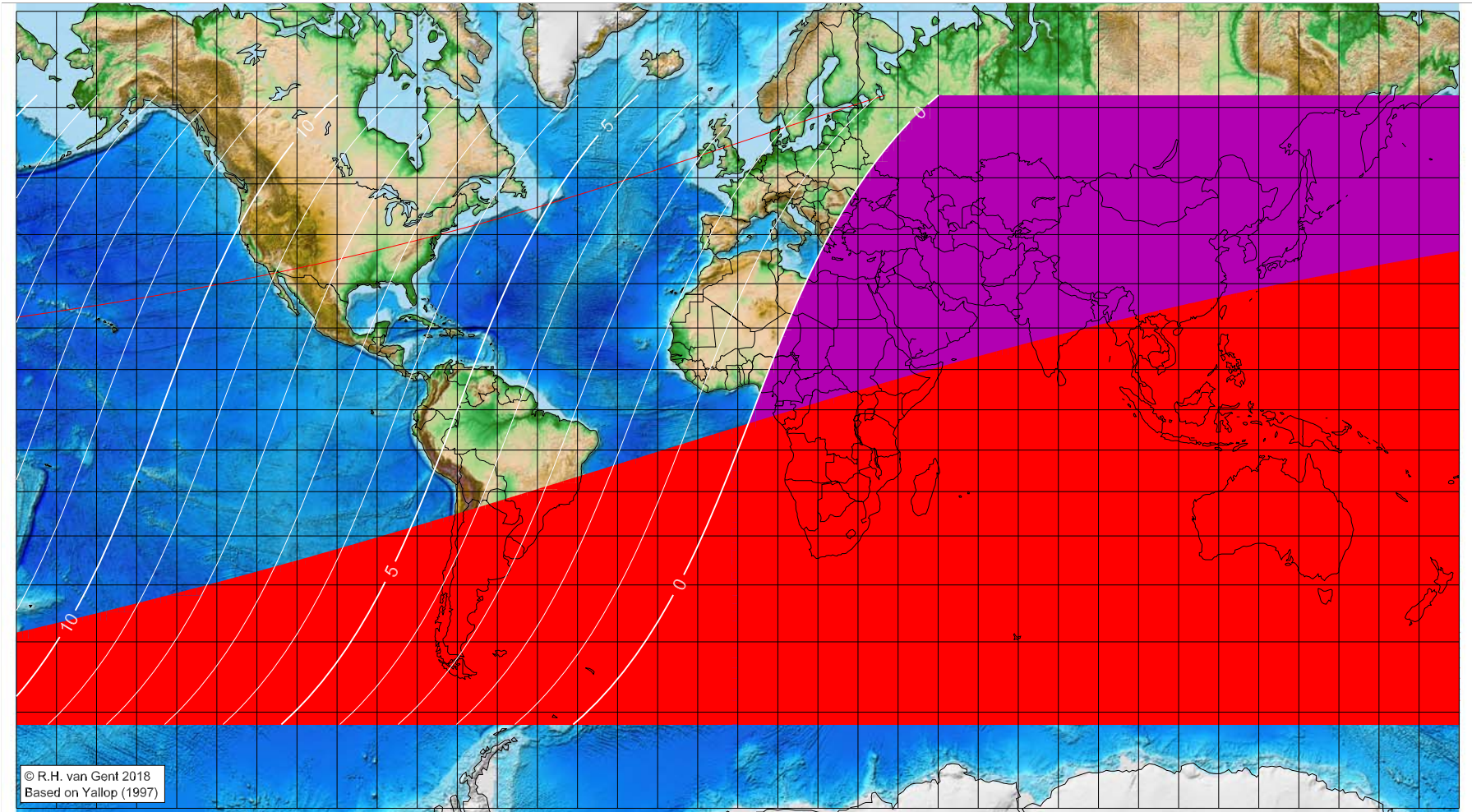


First visibility lunar crescent for Muḥarram 1444 AH

Global visibility map for 28 July 2022 [Thursday]
Day of luni-solar conjunction



Astronomical New Moon: 28 July 2022, 17h 54.9m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1232
Islamic Lunation Number = 17317
TT - UT [= ΔT] = 1.2 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)

| Longitude (°) | Latitude (°) | Lunar age (h) |
|---------------|--------------|------------------------------------|
| | | not visible until the next evening |
| | | not visible until the next evening |
| | | not visible until the next evening |
| | | not visible until the next evening |
| | | not visible until the next evening |

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/>