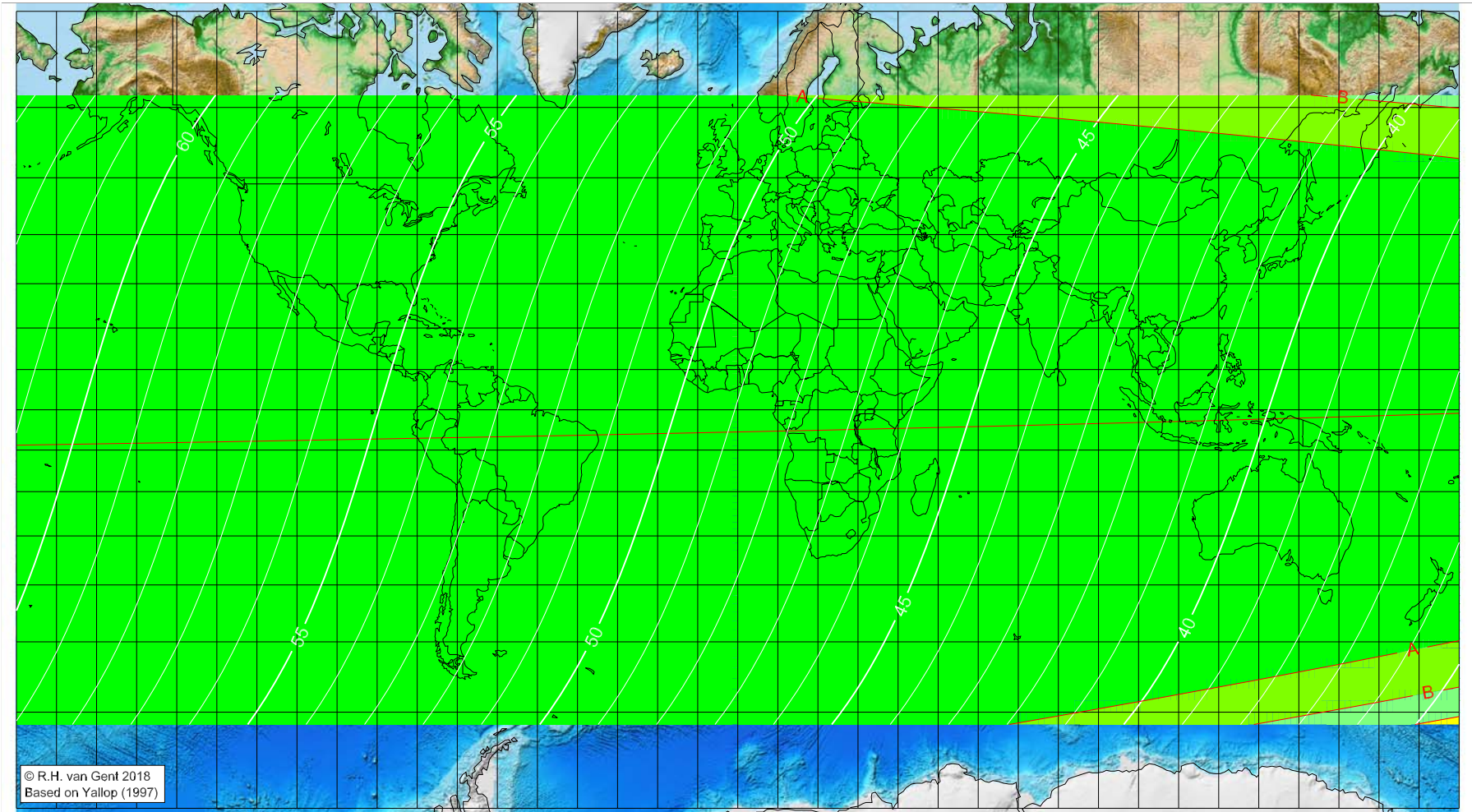


First visibility lunar crescent for Muḥarram 1444 AH

Global visibility map for 30 July 2022 [Saturday]
Second day after luni-solar conjunction



© R.H. van Gent 2018
Based on Yallop (1997)

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

- 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)

Astronomical (Brown) Lunation Number = 1232
Islamic Lunation Number = 17317
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>