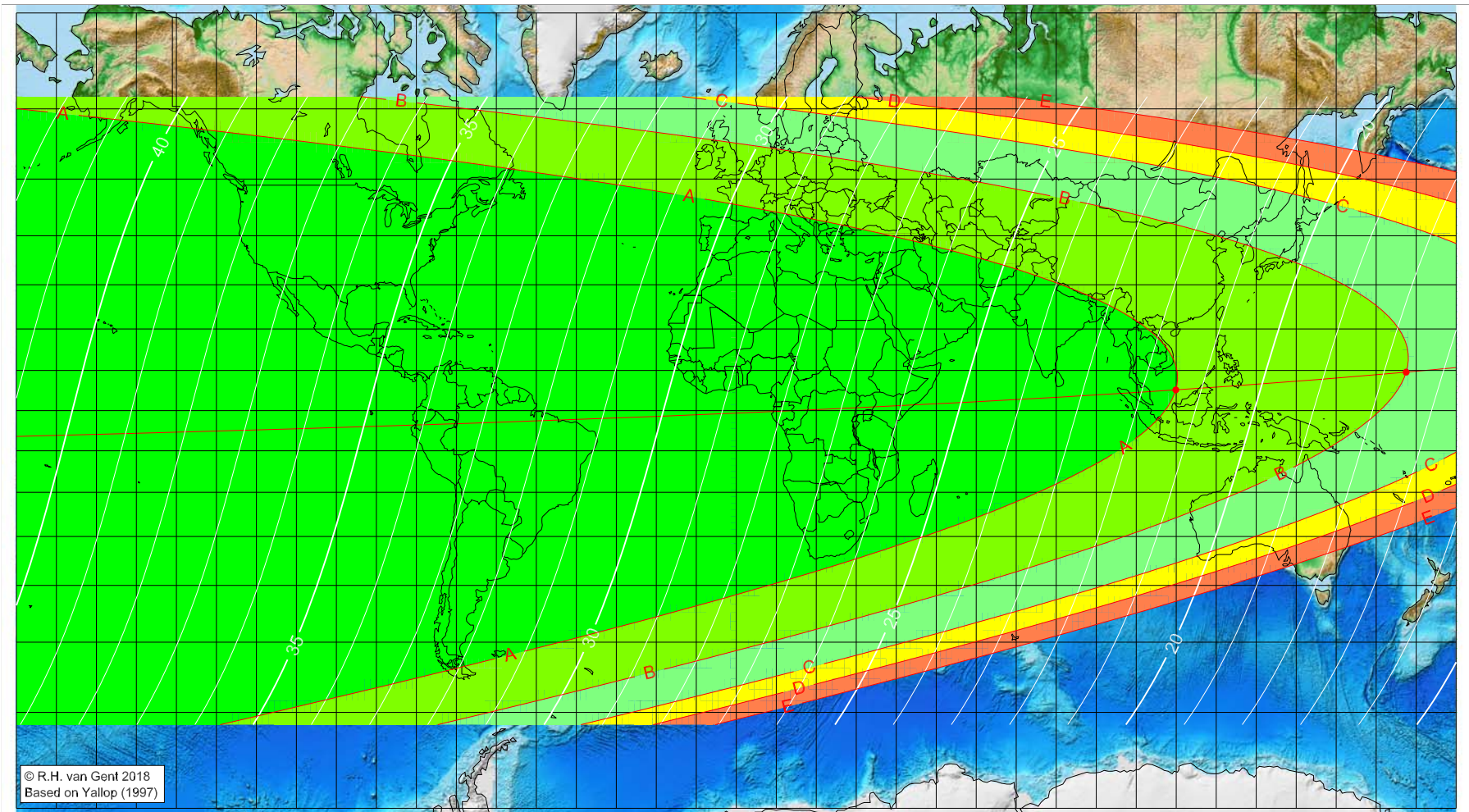


First visibility lunar crescent for Muḥarram 1443 AH

Global visibility map for 9 August 2021 [Monday]
Day after luni-solar conjunction



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

Astronomical New Moon: 8 August 2021, 13h 50.2m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
109.90	5.18	21.43
167.50	9.57	17.62
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening

Astronomical (Brown) Lunation Number = 1220
Islamic Lunation Number = 17305
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°)

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/>