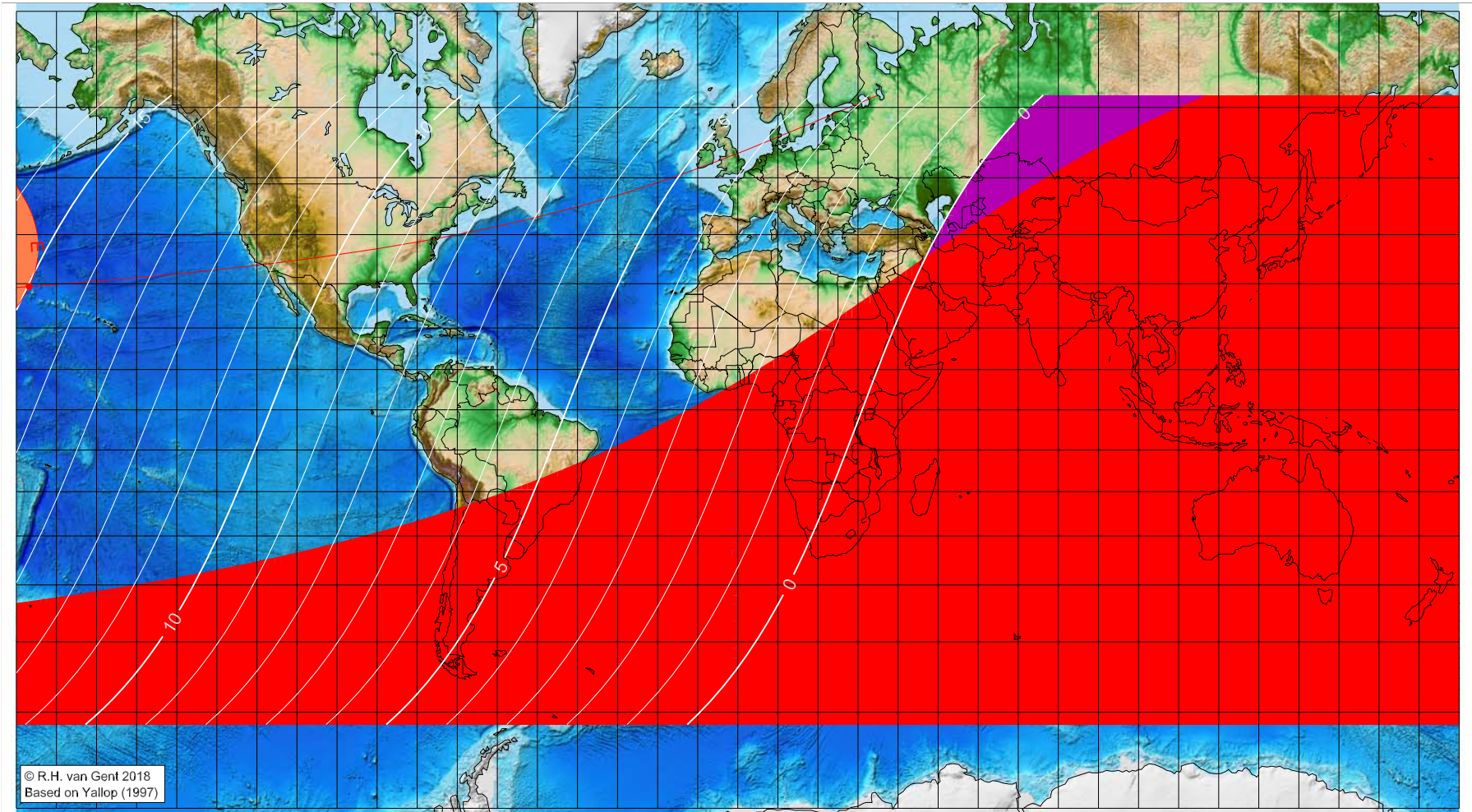


# First visibility lunar crescent for Dhu 'l-Qa' da 1444 AH

Global visibility map for 19 May 2023 [Friday]  
Day of luni-solar conjunction



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

Astronomical New Moon: 19 May 2023, 15h 53.1m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-176.82	29.38	14.97

Astronomical (Brown) Lunation Number = 1242  
Islamic Lunation Number = 17327  
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°)

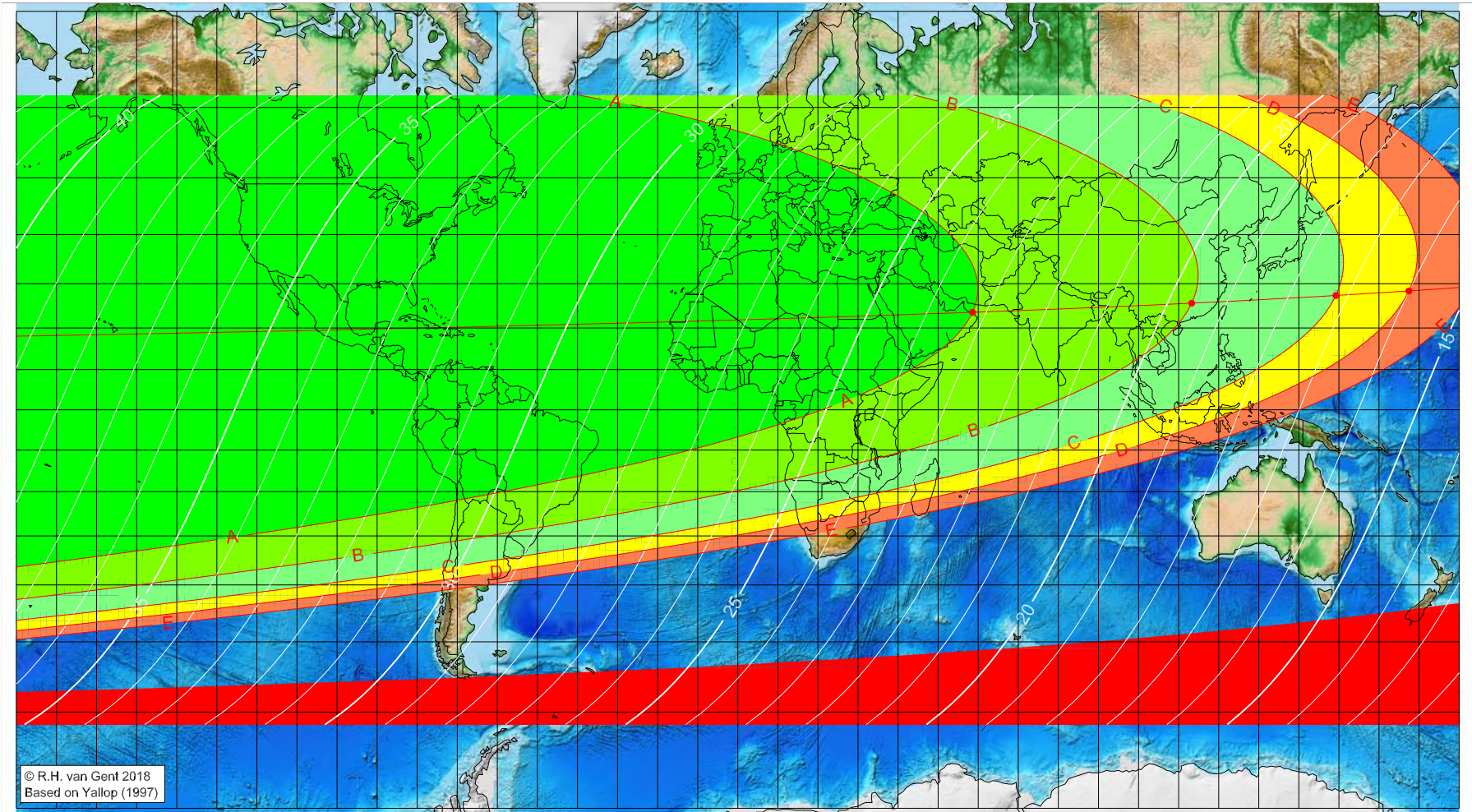
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

- moonset before sunset
- before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Dhu 'l-Qa'da 1444 AH

Global visibility map for 20 May 2023 [Saturday]  
Day after luni-solar conjunction



Astronomical New Moon: 19 May 2023, 15h 53.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1242  
Islamic Lunation Number = 17327  
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)
58.58	23.63	23.23
113.26	25.70	19.59
149.26	27.41	17.20
167.47	28.41	16.00

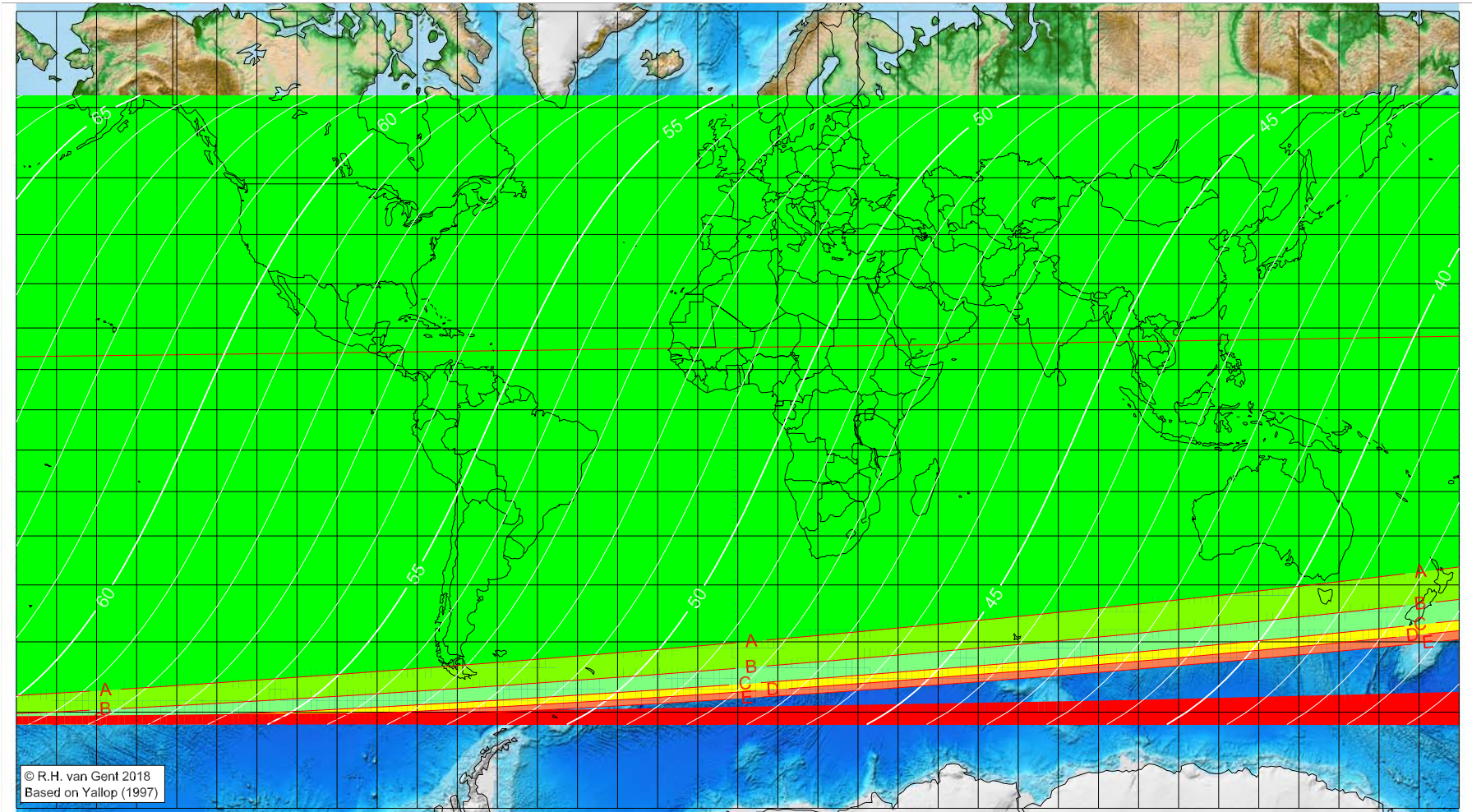
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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



# First visibility lunar crescent for Dhu 'l-Qa' da 1444 AH

Global visibility map for 21 May 2023 [Sunday]  
Second day after luni-solar conjunction



Astronomical New Moon: 19 May 2023, 15h 53.1m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1242  
Islamic Lunation Number = 17327  
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>