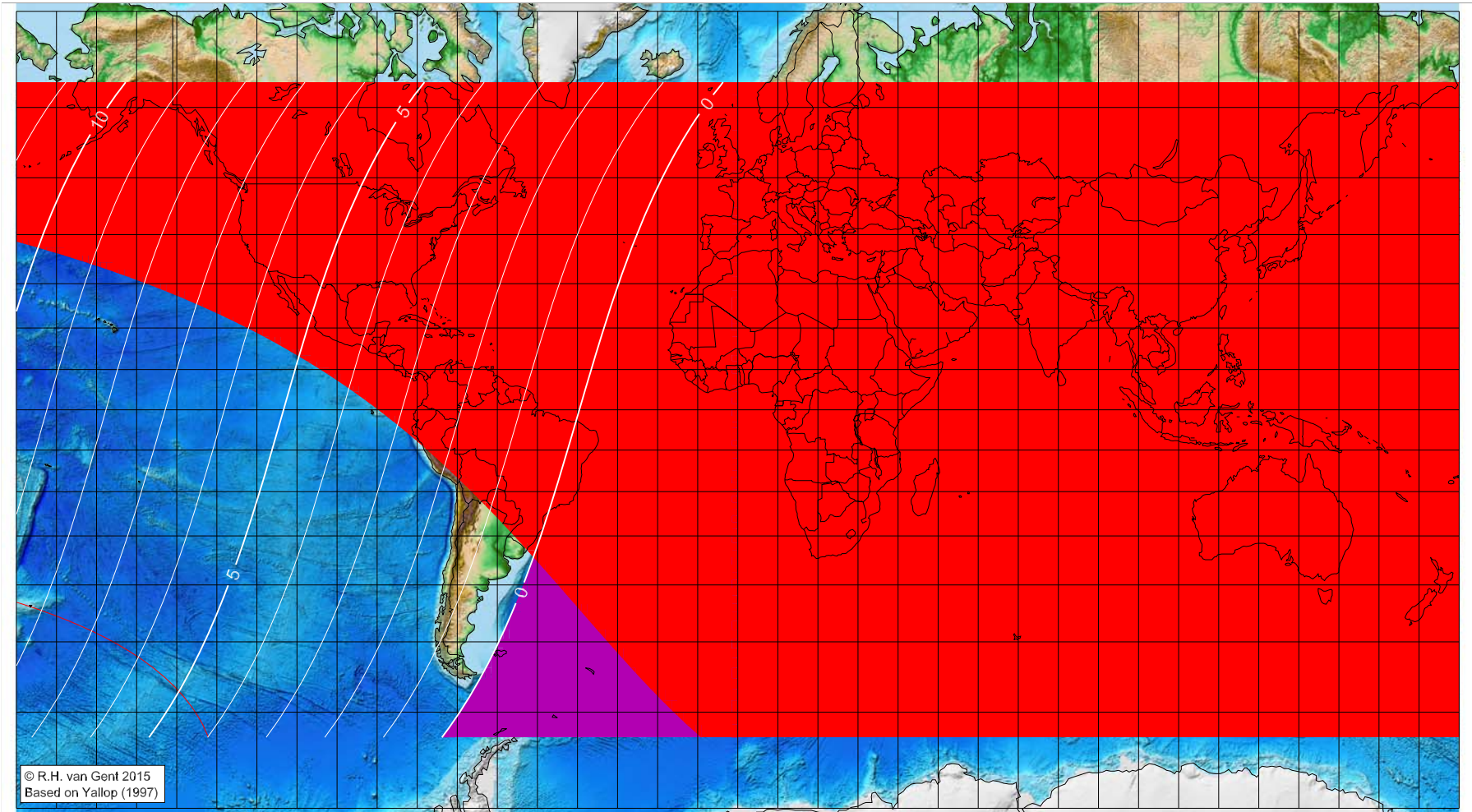


First visibility lunar crescent for Dhu 'l-Qa'da 1437 AH

Global visibility map for 2 August 2016 [Tuesday]
Day of luni-solar conjunction



Astronomical New Moon: 2 August 2016, 20h 44.5m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1158
Islamic Lunation Number = 17243
TT - UT [= ΔT] = 1.1 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)

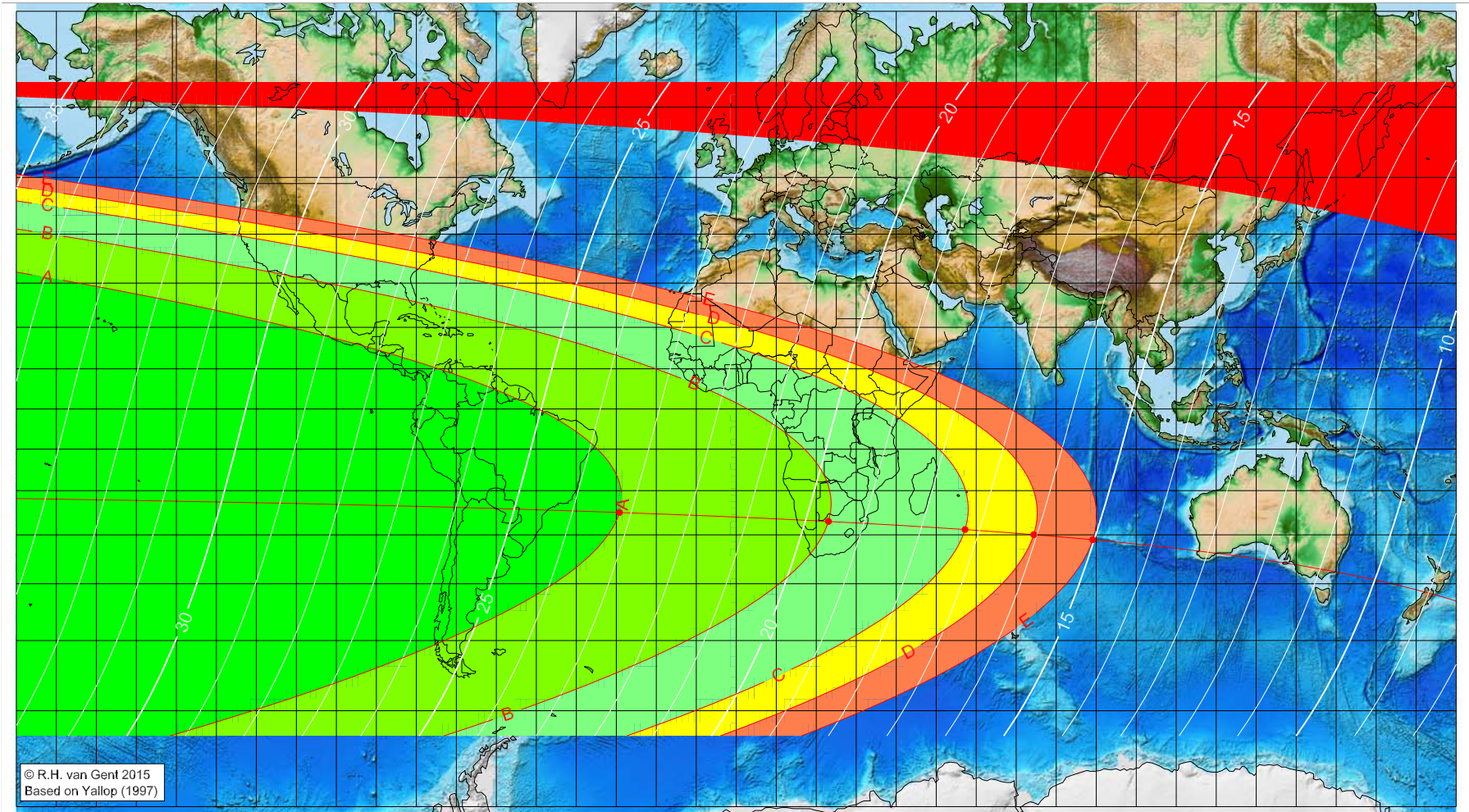
Longitude (°) Latitude (°) Lunar age (h)
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening

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/>

First visibility lunar crescent for Dhu 'l-Qa'da 1437 AH

Global visibility map for 3 August 2016 [Wednesday]
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 2 August 2016, 20h 44.5m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1158

Islamic Lunation Number = 17243

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

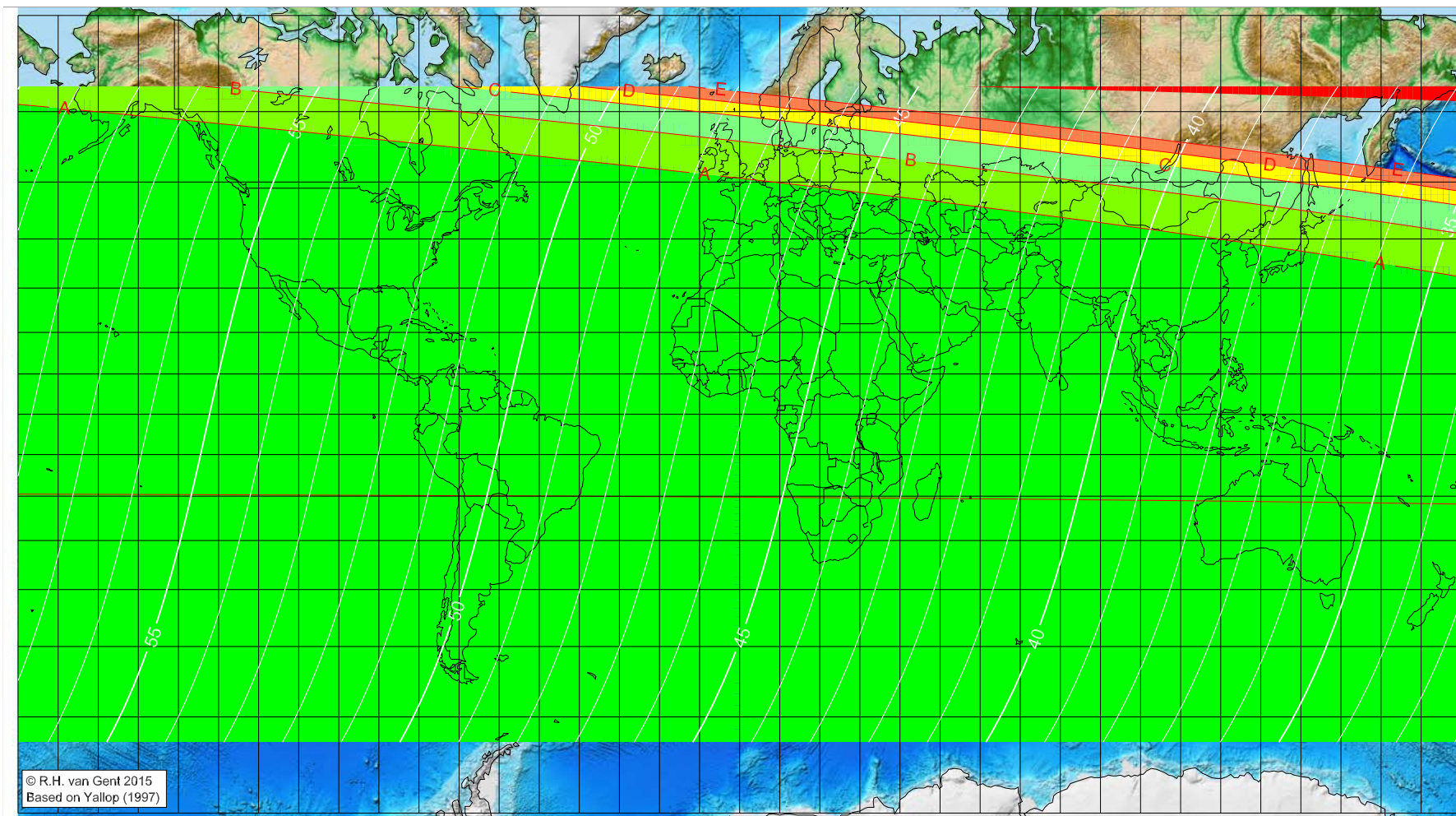
- A – easily visible to the unaided eye
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- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-29.22	-25.04	23.20
23.04	-27.05	19.61
57.20	-28.85	17.25
74.38	-29.96	16.05
89.13	-31.05	15.03

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

First visibility lunar crescent for Dhu 'l-Qa'da 1437 AH

Global visibility map for 4 August 2016 [Thursday]
Second day after luni-solar conjunction



Astronomical New Moon: 2 August 2016, 20h 44.5m (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 = 1158
Islamic Lunation Number = 17243
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

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