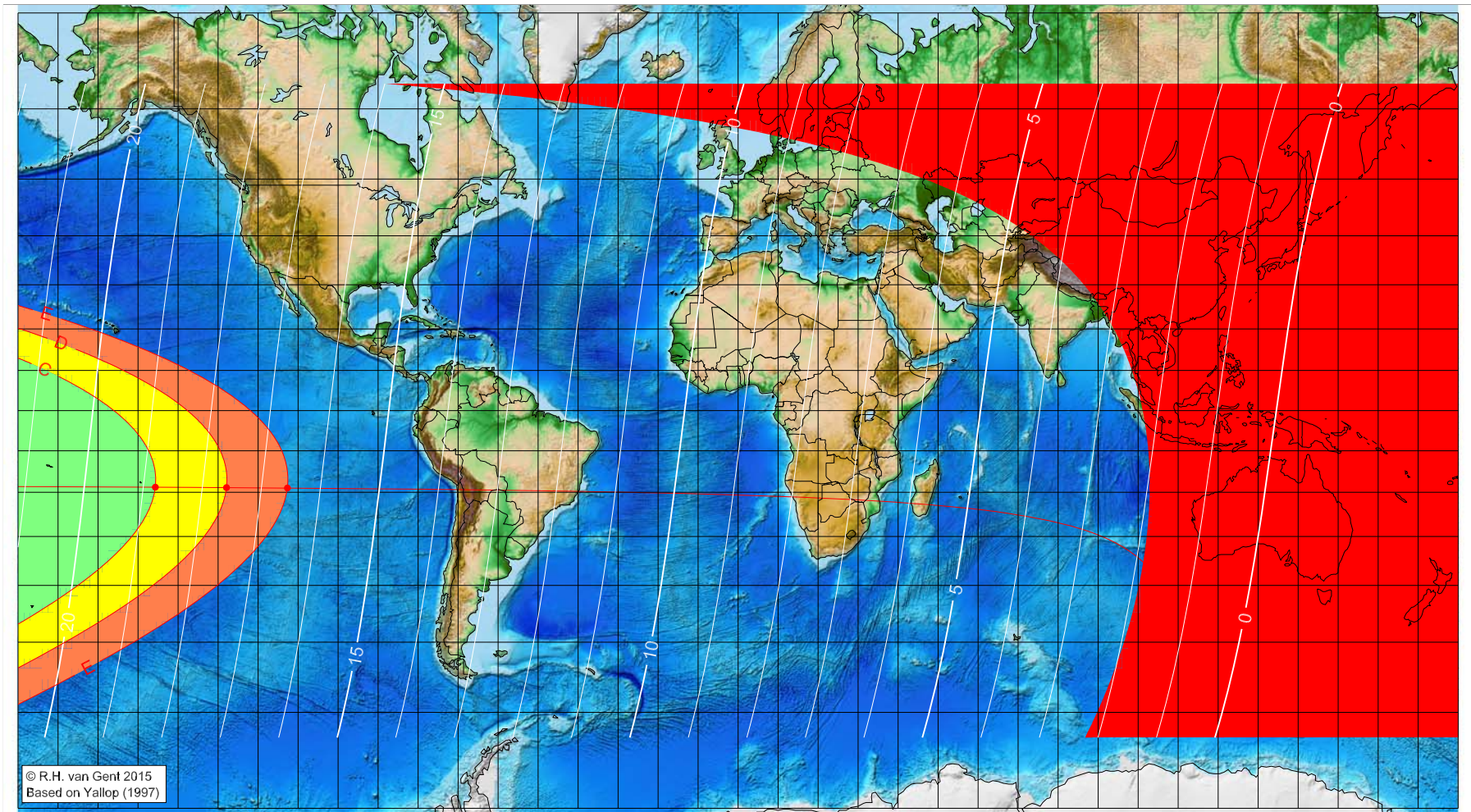


# First visibility lunar crescent for Dhu 'l-Hijja 1437 AH

Global visibility map for 1 September 2016 [Thursday]  
Day of luni-solar conjunction



Astronomical New Moon: 1 September 2016, 9h 3.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1159  
Islamic Lunation Number = 17244  
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
-145.68	-18.80	18.80
-127.89	-18.90	17.59
-112.66	-19.00	16.56

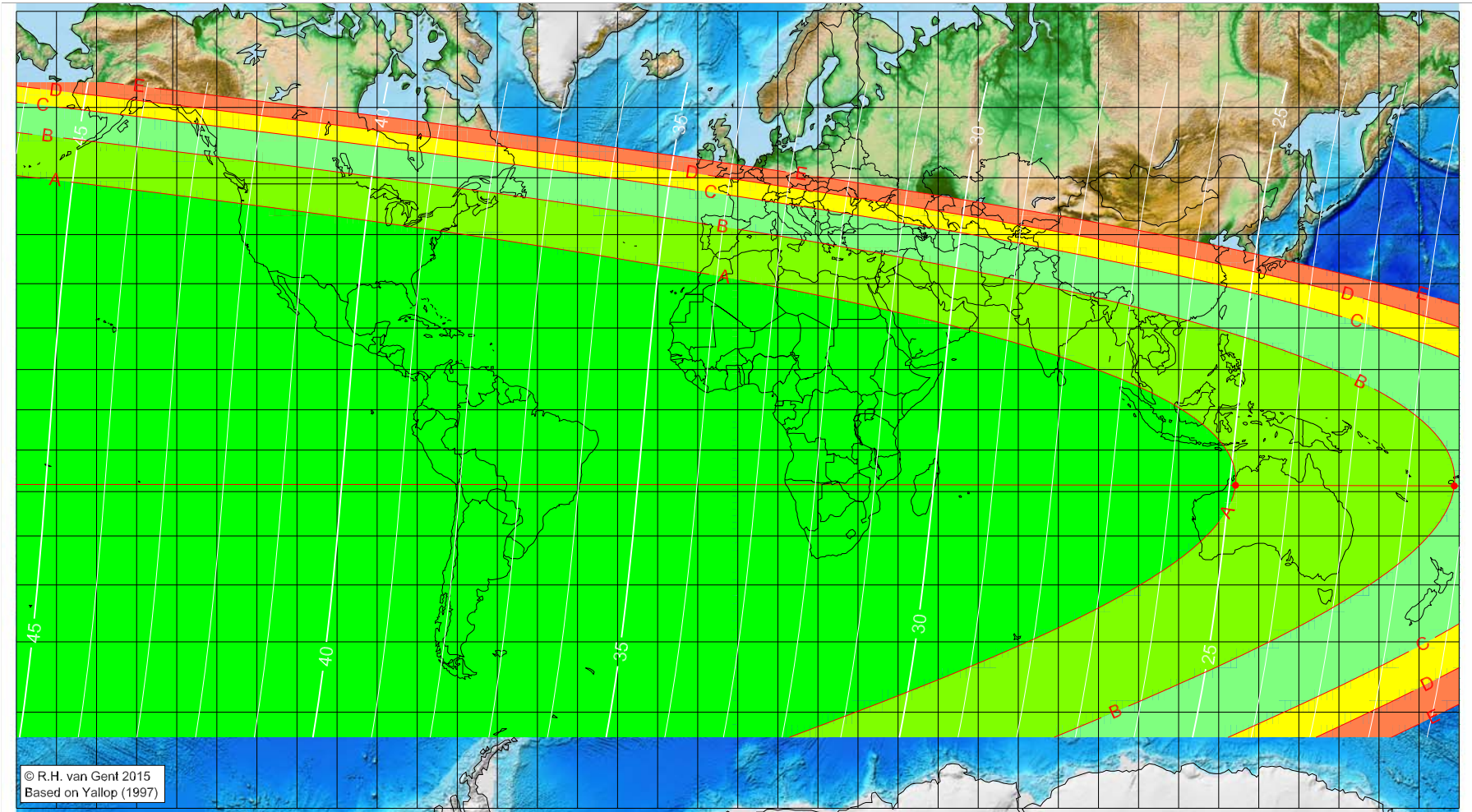
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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



# First visibility lunar crescent for Dhu 'l-Hijja 1437 AH

Global visibility map for 2 September 2016 [Friday]  
Day after luni-solar conjunction



Astronomical New Moon: 1 September 2016, 9h 3.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1159

Islamic Lunation Number = 17244

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

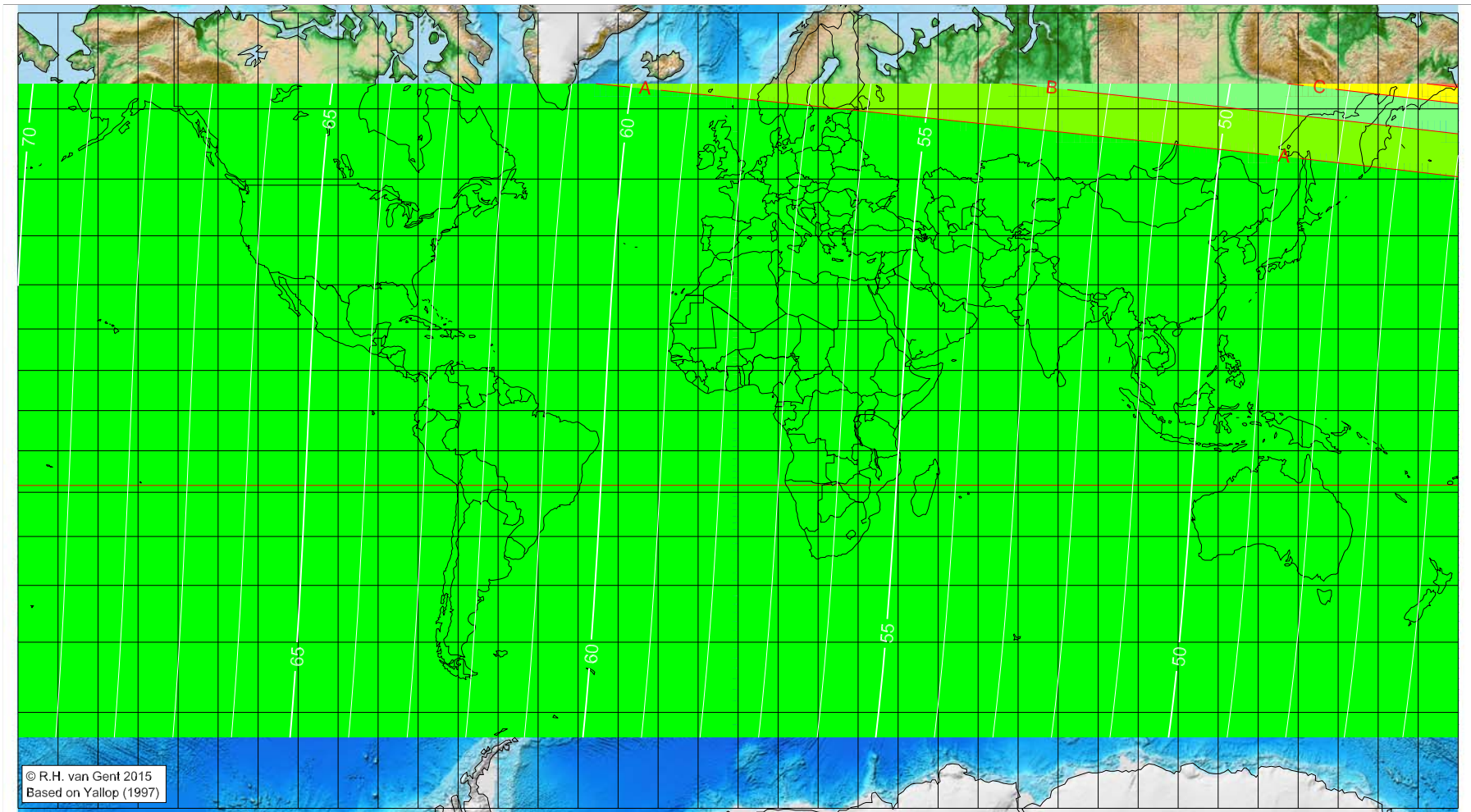
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
124.20	-18.50	24.90
178.80	-18.65	21.20
visible on the previous evening		visible on the previous evening
visible on the previous evening		visible on the previous evening

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

# First visibility lunar crescent for Dhu 'l-Hijja 1437 AH

Global visibility map for 3 September 2016 [Saturday]  
Second day after luni-solar conjunction



Astronomical New Moon: 1 September 2016, 9h 3.1m (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°)
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1159  
Islamic Lunation Number = 17244  
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/>