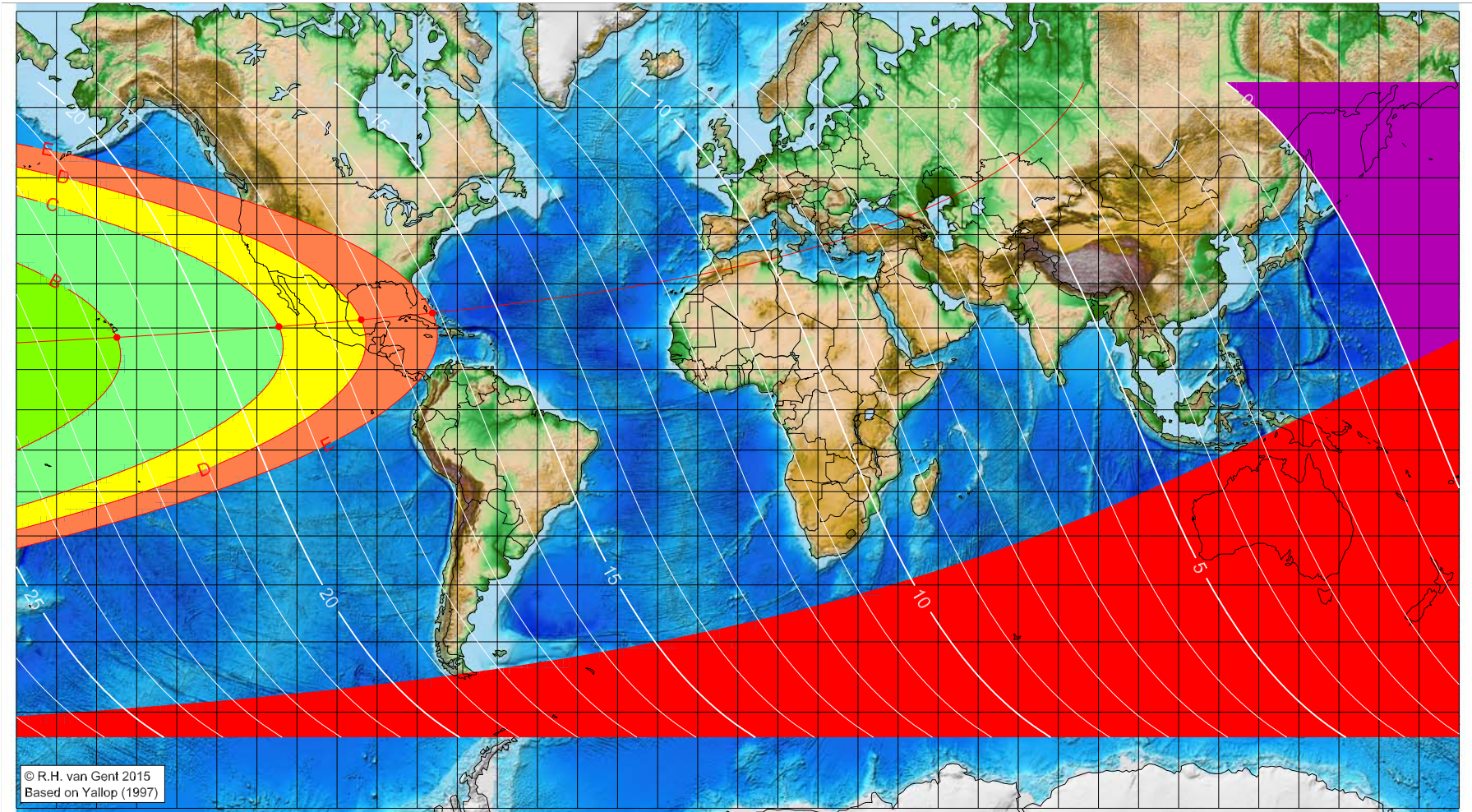


# First visibility lunar crescent for Rabī al-Ākhir 1439 AH

Global visibility map for 18 December 2017 [Monday]  
Day of luni-solar conjunction



Astronomical New Moon: 18 December 2017, 6h 30.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1175

Islamic Lunation Number = 17260

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

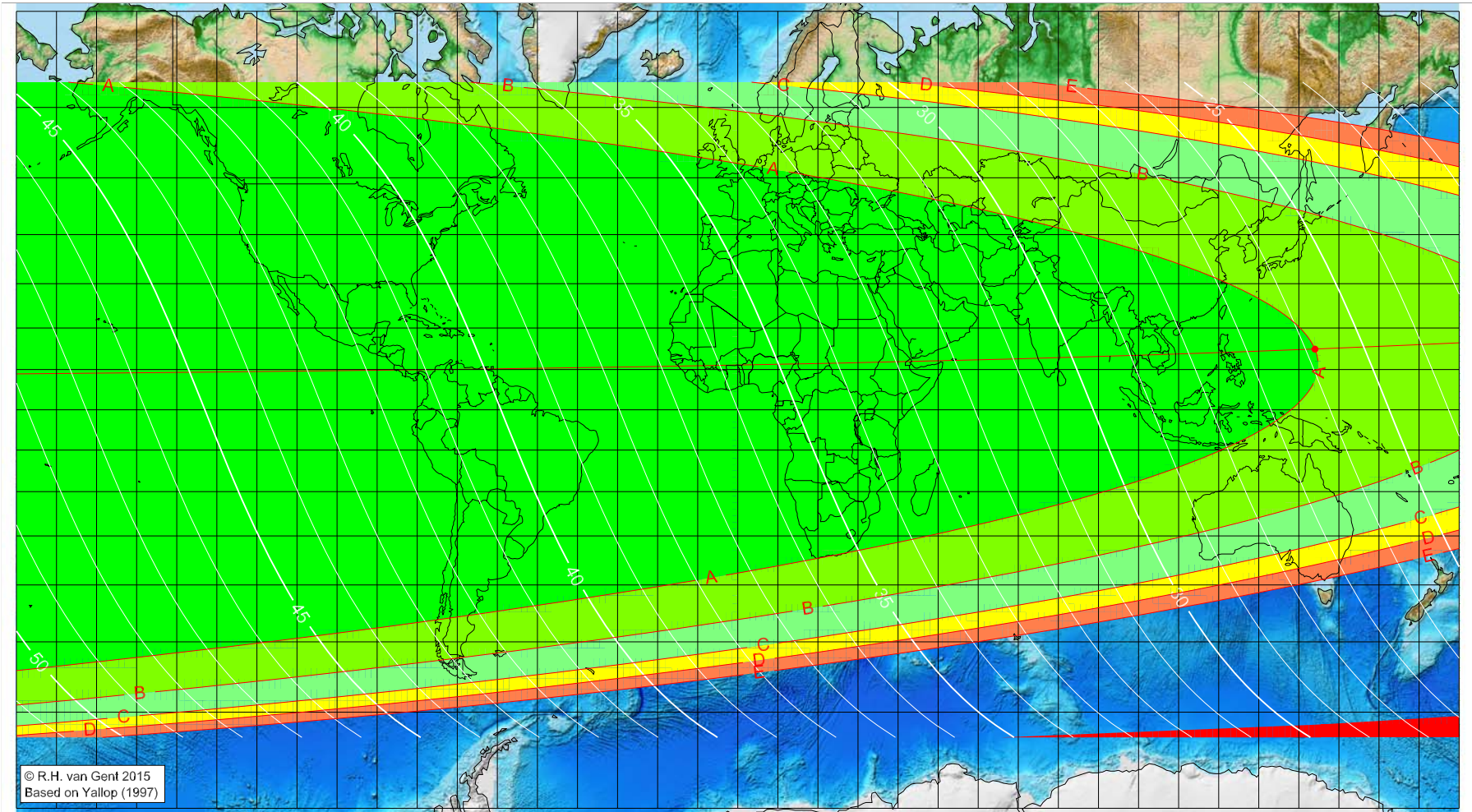
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
-154.93	17.77	21.63
-114.52	20.31	18.81
-93.98	21.91	17.37
-76.21	23.49	16.12

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

# First visibility lunar crescent for Rabī al-Ākhir 1439 AH

Global visibility map for 19 December 2017 [Tuesday]  
Day after luni-solar conjunction



Astronomical New Moon: 18 December 2017, 6h 30.4m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
144.03	14.96	25.84
visible on the previous evening		
visible on the previous evening		
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1175  
Islamic Lunation Number = 17260  
TT - UT [= ΔT] = 1.1 min

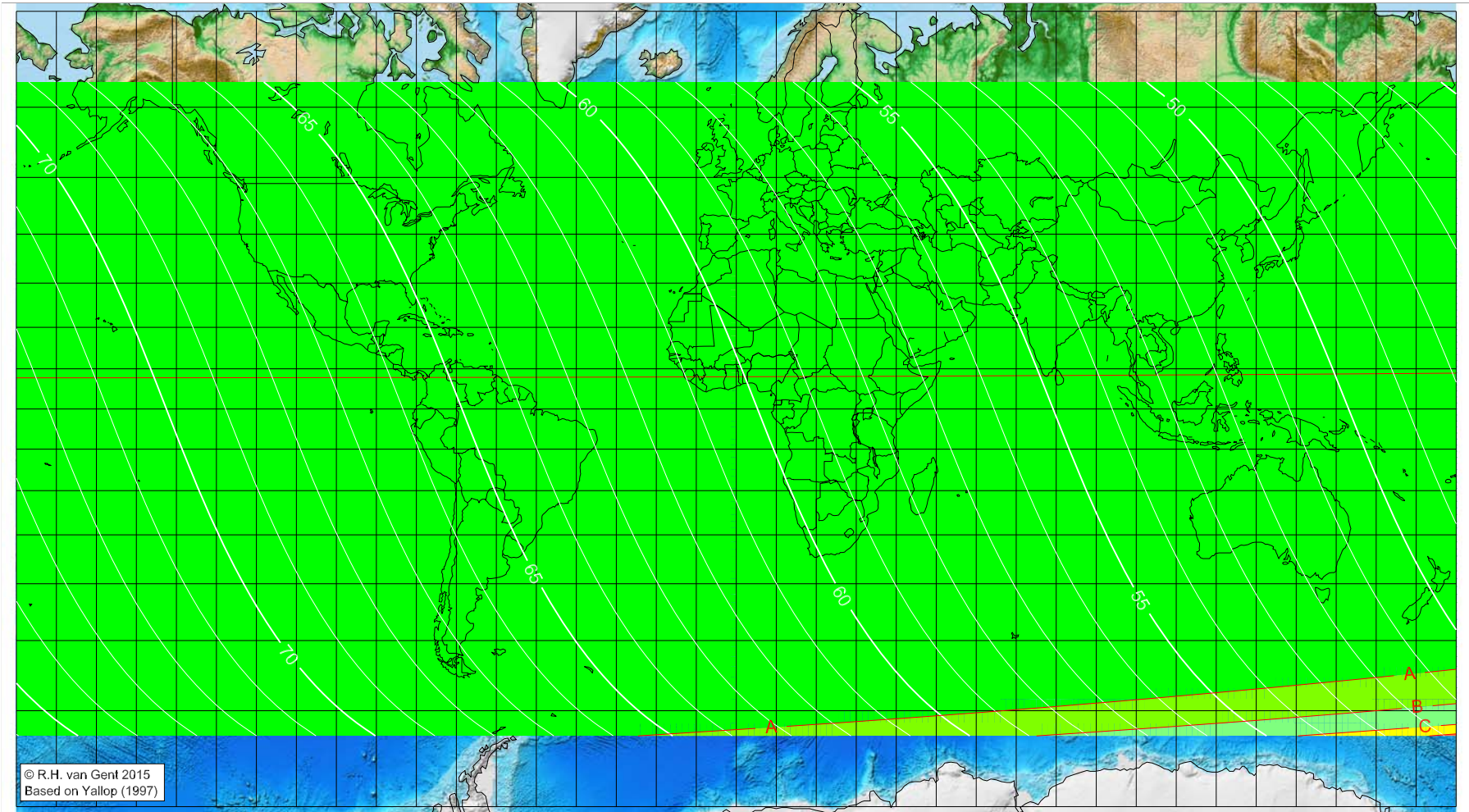
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

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 Rabī' al-Ākhir 1439 AH

Global visibility map for 20 December 2017 [Wednesday]  
Second day after luni-solar conjunction



Astronomical New Moon: 18 December 2017, 6h 30.4m (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 = 1175  
Islamic Lunation Number = 17260  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>