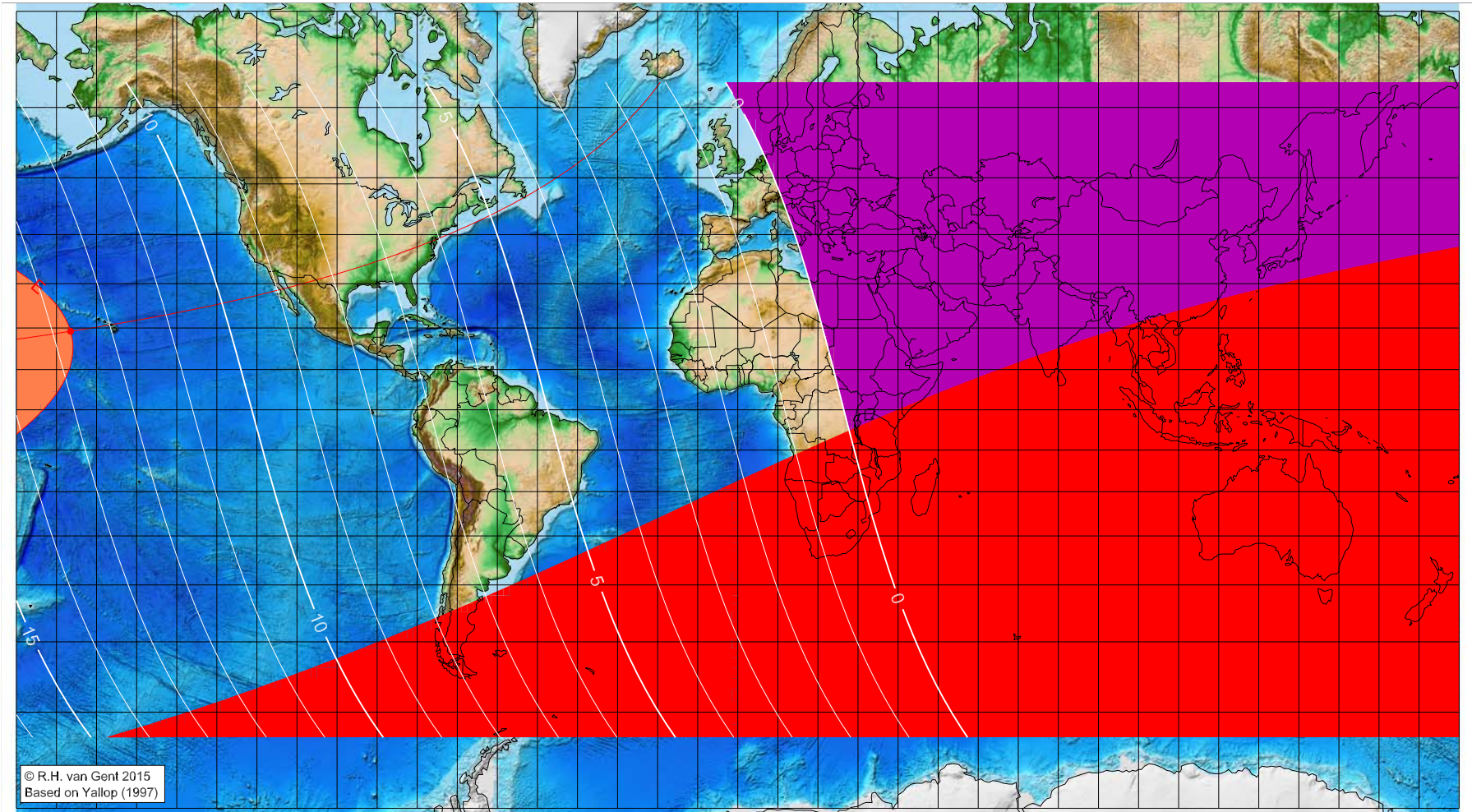


# First visibility lunar crescent for Rabīʿ al-Awwal 1440 AH

Global visibility map for 7 November 2018 [Wednesday]  
Day of luni-solar conjunction



© R.H. van Gent 2015  
Based on Yallop (1997)

Astronomical New Moon: 7 November 2018, 16h 2.1m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-166.49	19.21	12.69

Astronomical (Brown) Lunation Number = 1186  
Islamic Lunation Number = 17271  
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°)

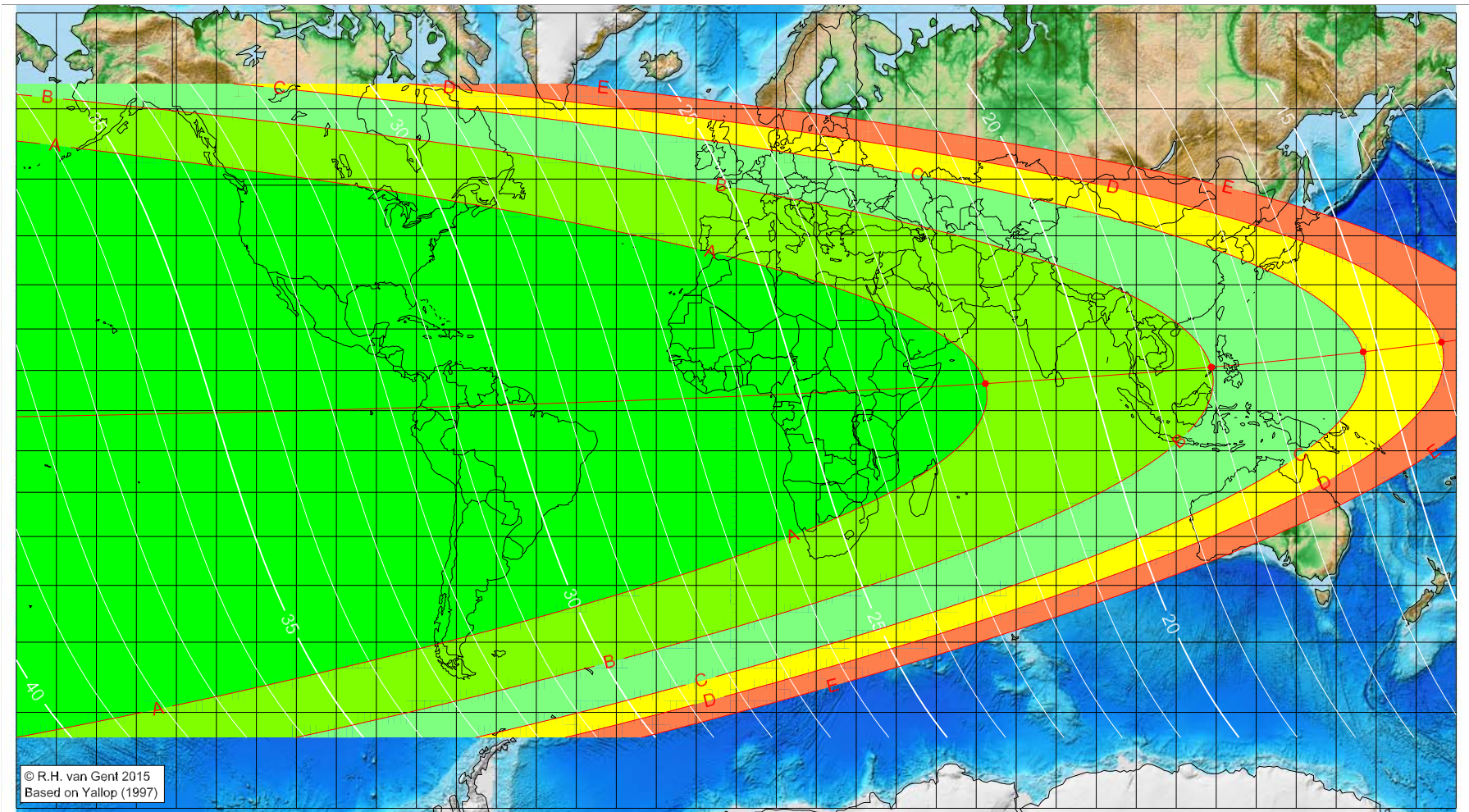
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

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

# First visibility lunar crescent for Rabīʿ al-Awwal 1440 AH

Global visibility map for 8 November 2018 [Thursday]  
Day after luni-solar conjunction



© R.H. van Gent 2015  
Based on Yallop (1997)

Astronomical New Moon: 7 November 2018, 16h 2.1m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
62.28	6.73	21.81
118.78	10.81	17.91
156.75	14.52	15.27
176.33	16.86	13.90

visible on the previous evening

Astronomical (Brown) Lunation Number = 1186  
Islamic Lunation Number = 17271  
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

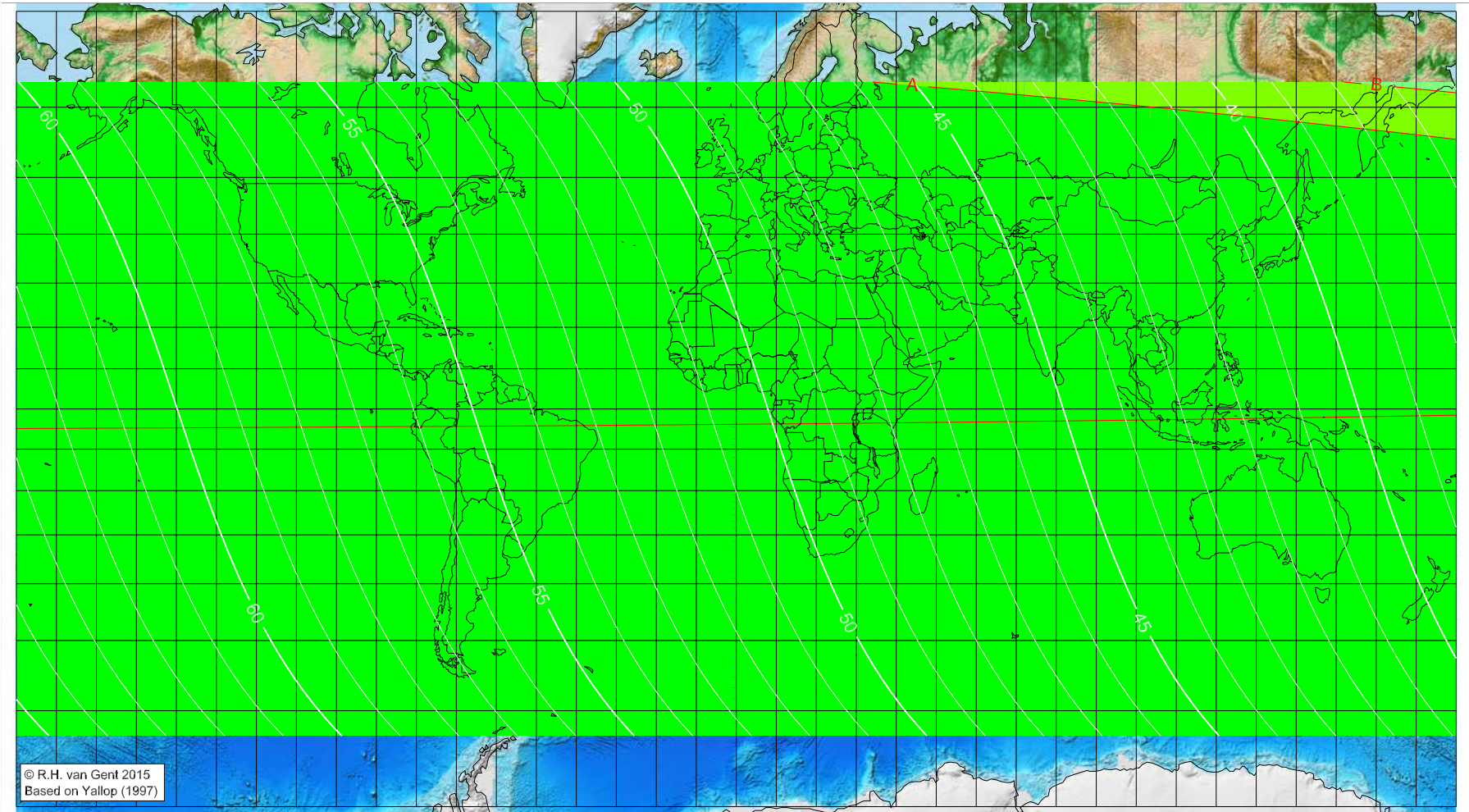
■ before conjunction (astronomical new moon)

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 Rabīʿ al-Awwal 1440 AH

Global visibility map for 9 November 2018 [Friday]  
Second day after luni-solar conjunction



Astronomical New Moon: 7 November 2018, 16h 2.1m (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 = 1186  
Islamic Lunation Number = 17271  
TT – UT [=  $\Delta T$ ] = 1.2 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/>