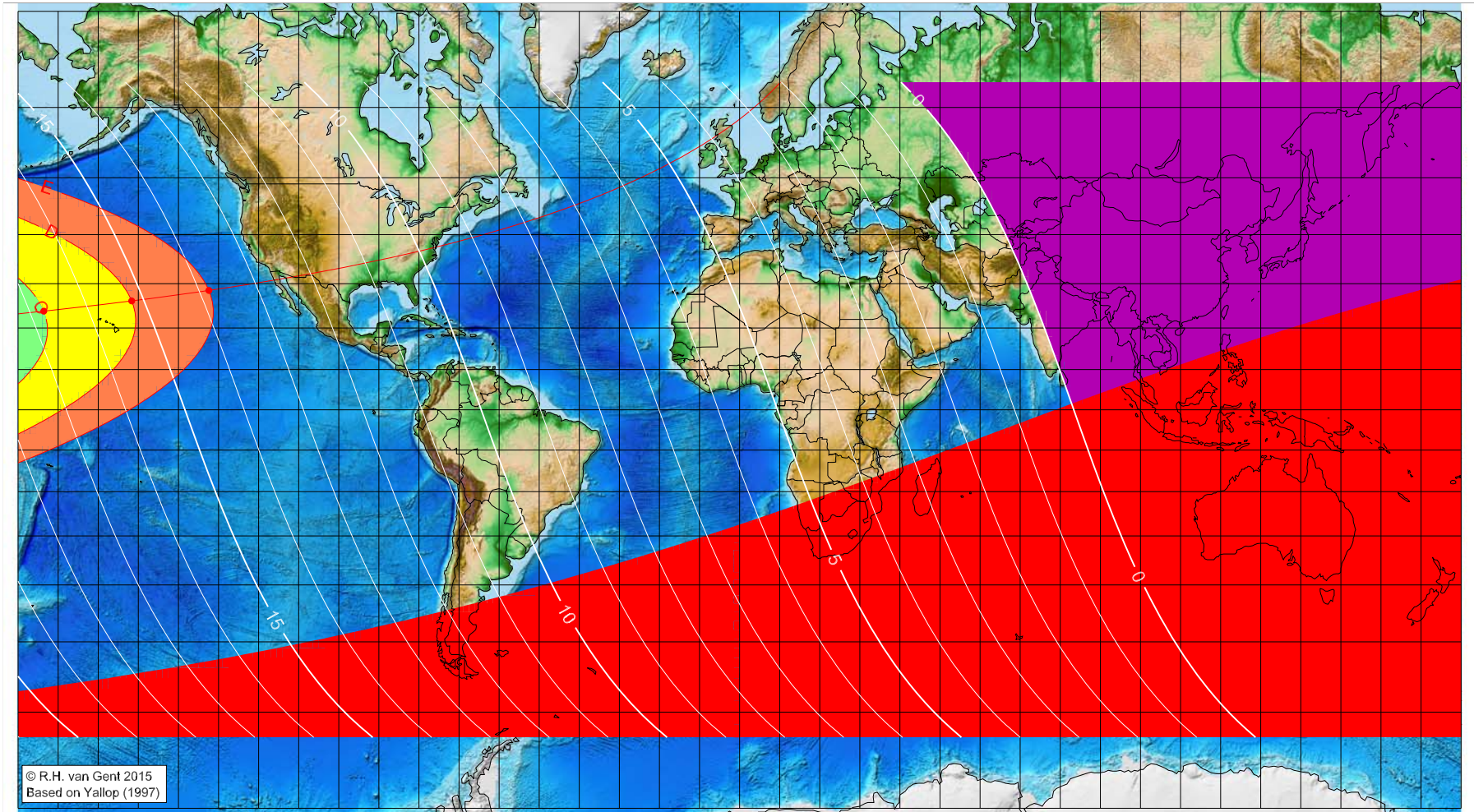


First visibility lunar crescent for Rabīʿ al-Awwal 1438 AH

Global visibility map for 29 November 2016 [Tuesday]
Day of luni-solar conjunction



Astronomical New Moon: 29 November 2016, 12h 18.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1162

Islamic Lunation Number = 17247

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

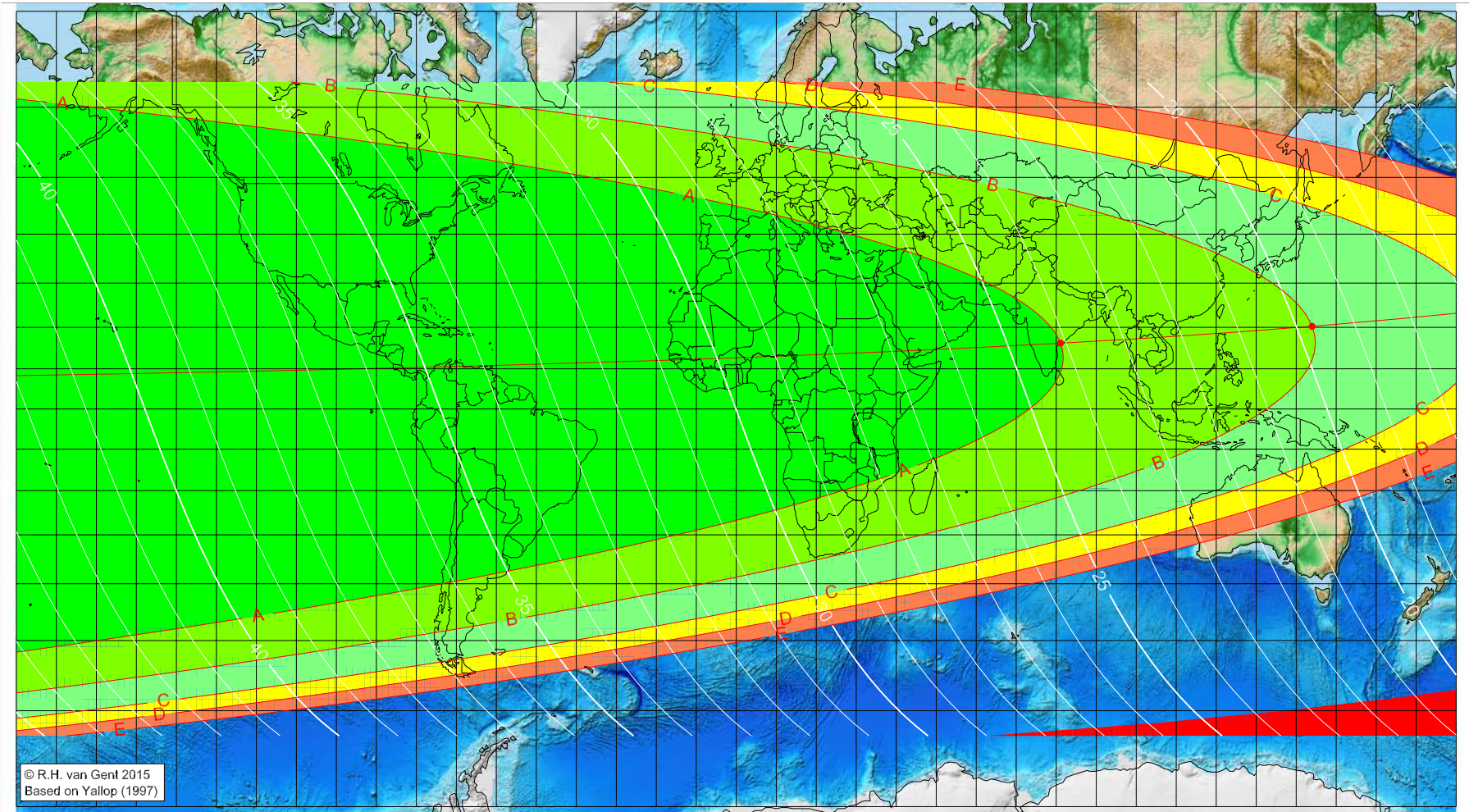
■ before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-173.59	23.89	16.76
-151.66	26.20	15.21
-132.40	28.53	13.83

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

First visibility lunar crescent for Rabīʿ al-Awwal 1438 AH

Global visibility map for 30 November 2016 [Wednesday]
Day after luni-solar conjunction



Astronomical New Moon: 29 November 2016, 12h 18.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1162

Islamic Lunation Number = 17247

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)

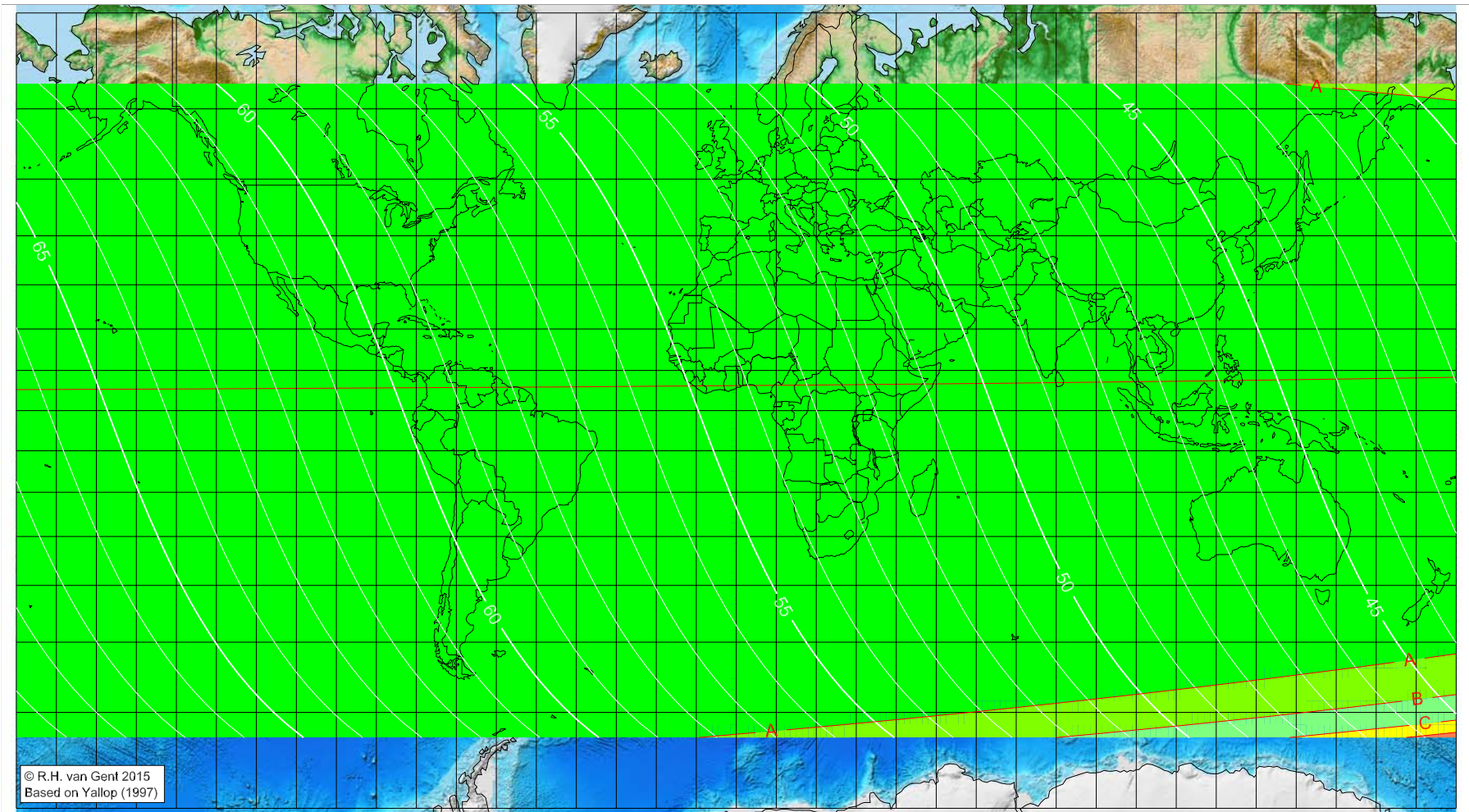
Longitude (°)	Latitude (°)	Lunar age (h)
81.07	16.23	24.09
143.97	20.23	19.73
visible on the previous evening		
visible on the previous evening		

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 Rabīʿ al-Awwal 1438 AH

Global visibility map for 1 December 2016 [Thursday]
Second day after luni-solar conjunction



Astronomical New Moon: 29 November 2016, 12h 18.3m (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 = 1162
Islamic Lunation Number = 17247
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/>