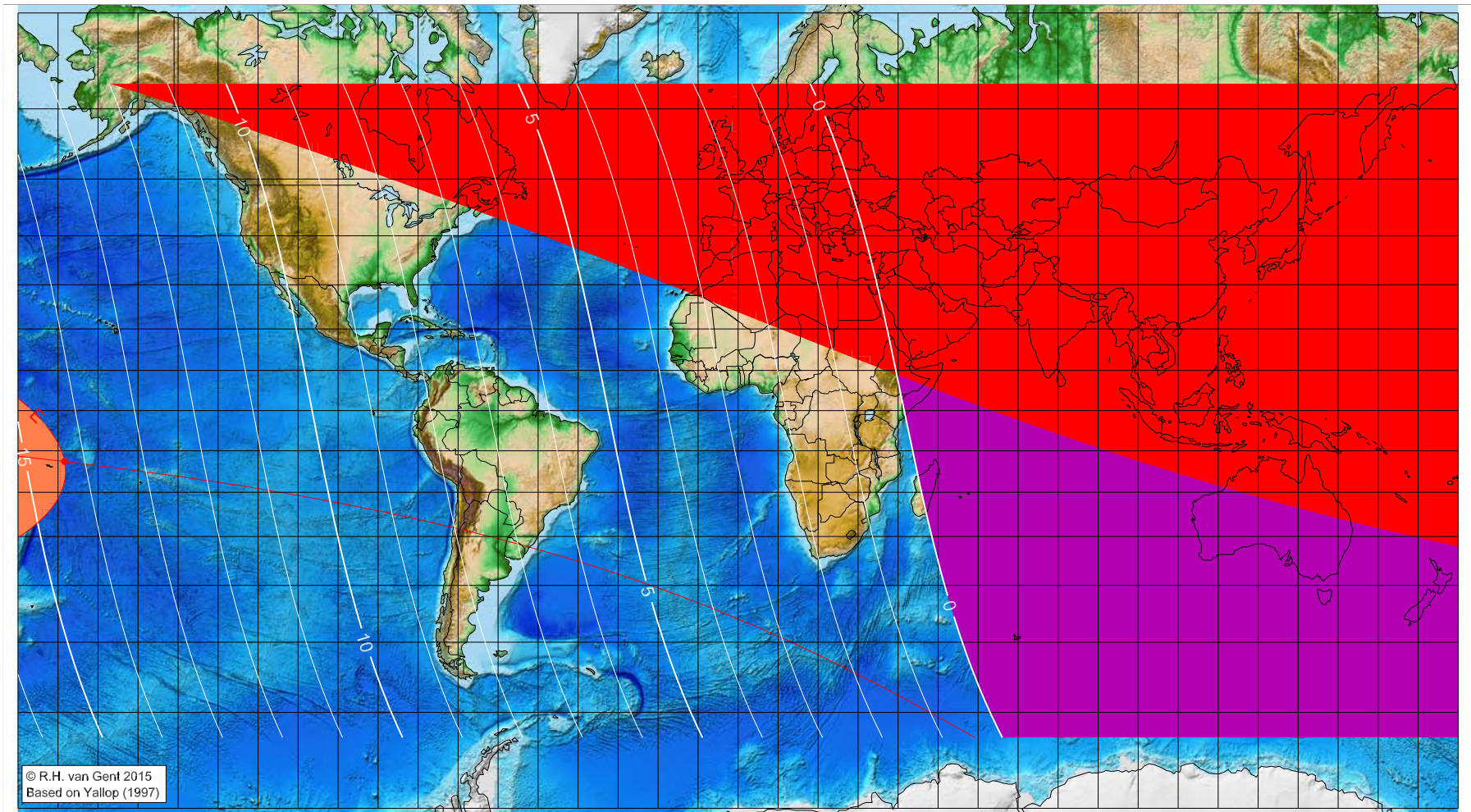


# First visibility lunar crescent for Rajab 1441 AH

Global visibility map for 23 February 2020 [Sunday]  
Day of luni-solar conjunction



Astronomical New Moon: 23 February 2020, 15h 31.8m (UTC)

First visibility (•)

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
-168.37	-12.62	14.34

Astronomical (Brown) Lunation Number = 1202  
Islamic Lunation Number = 17287  
TT - UT [= ΔT] = 1.2 min

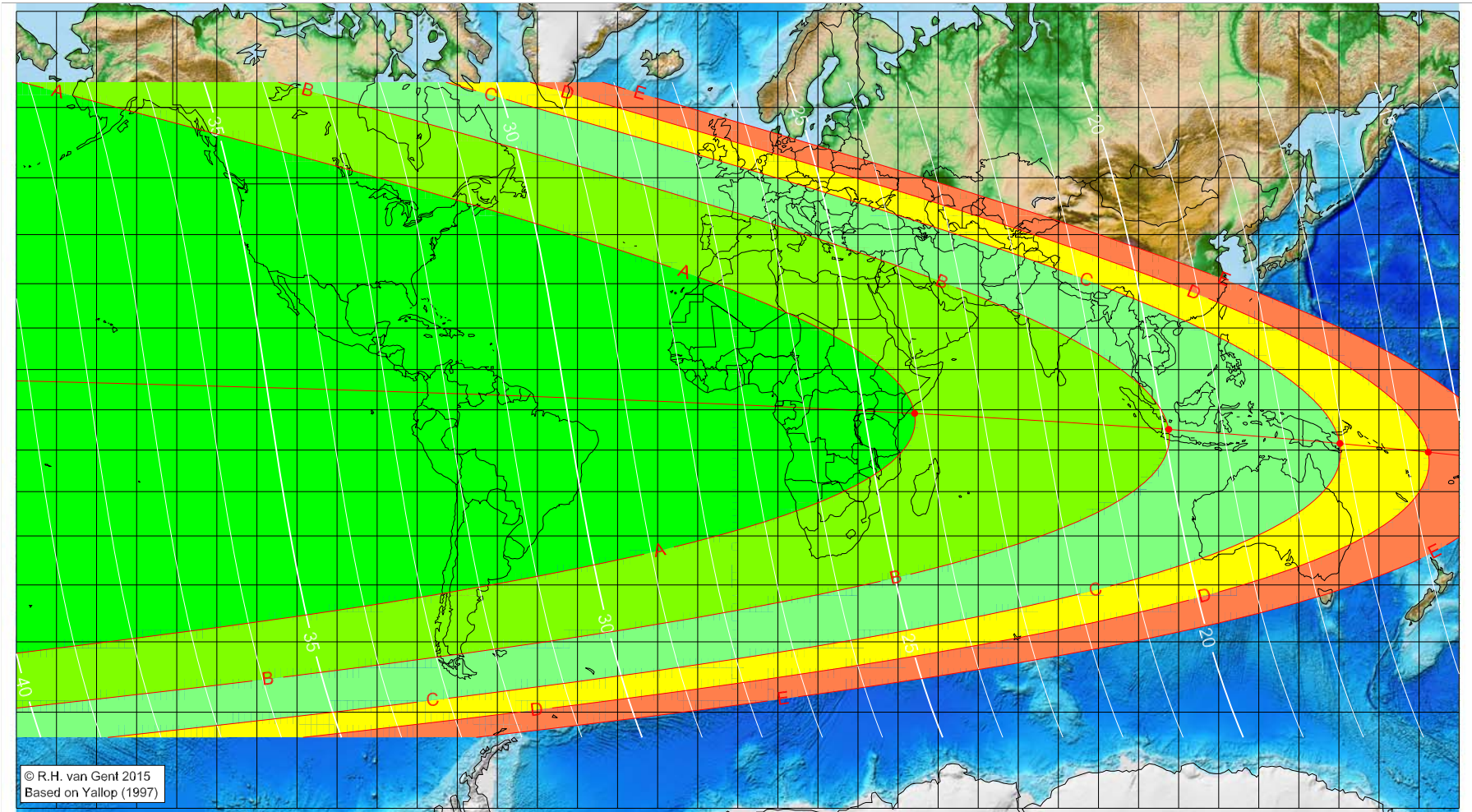
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

- 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)

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

# First visibility lunar crescent for Rajab 1441 AH

Global visibility map for 24 February 2020 [Monday]  
Day after luni-solar conjunction



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

Astronomical New Moon: 23 February 2020, 15h 31.8m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1202

Islamic Lunation Number = 17287

TT - UT [= ΔT] = 1.2 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°)

Longitude (°)	Latitude (°)	Lunar age (h)
44.13	-0.90	24.15
107.55	-4.88	19.92
150.25	-8.37	17.08
172.30	-10.51	15.62

visible on the previous evening

■ moonset before sunset

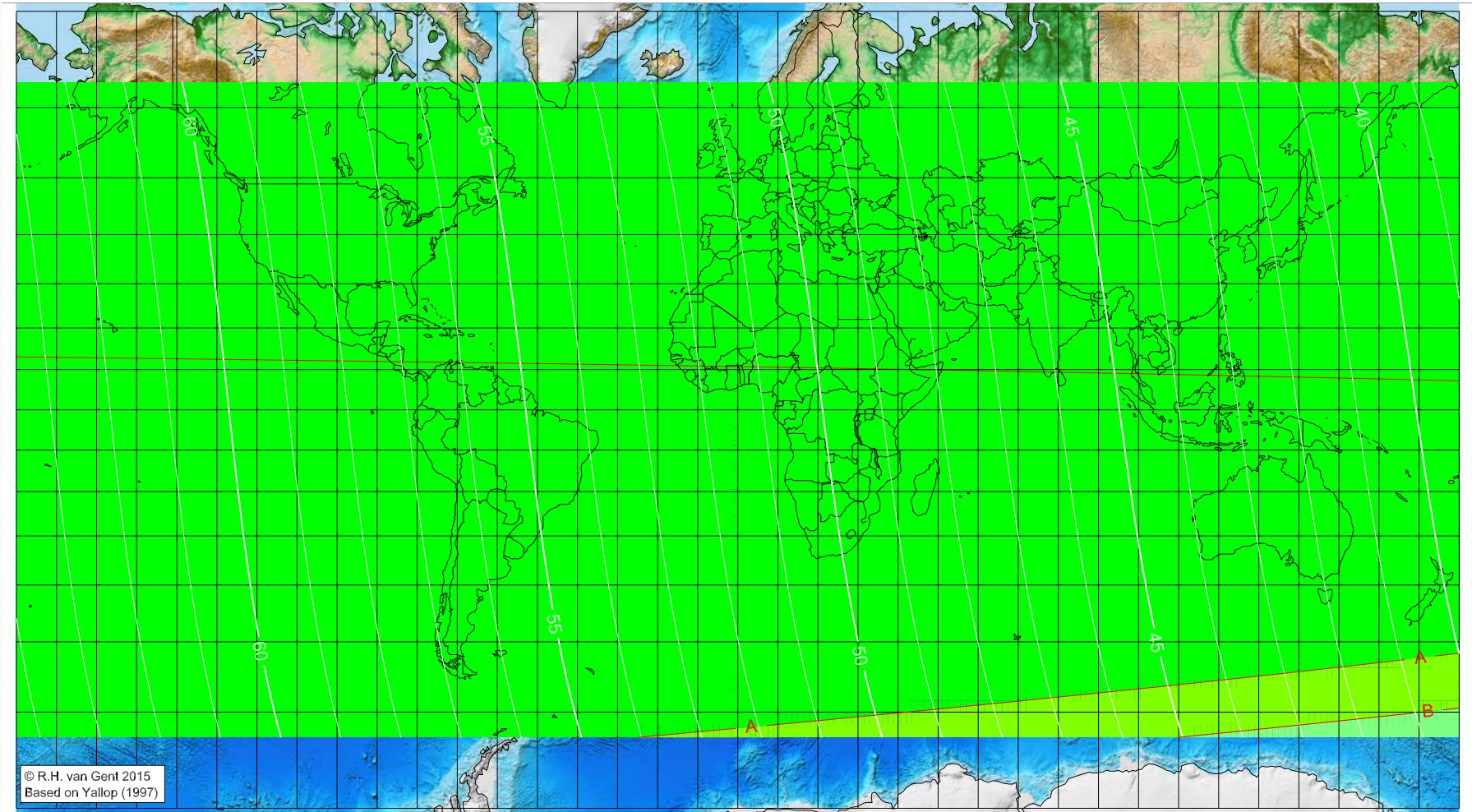
■ before conjunction (astronomical new moon)

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



# First visibility lunar crescent for Rajab 1441 AH

Global visibility map for 25 February 2020 [Tuesday]  
Second day after luni-solar conjunction



Astronomical New Moon: 23 February 2020, 15h 31.8m (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 = 1202  
Islamic Lunation Number = 17287  
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>