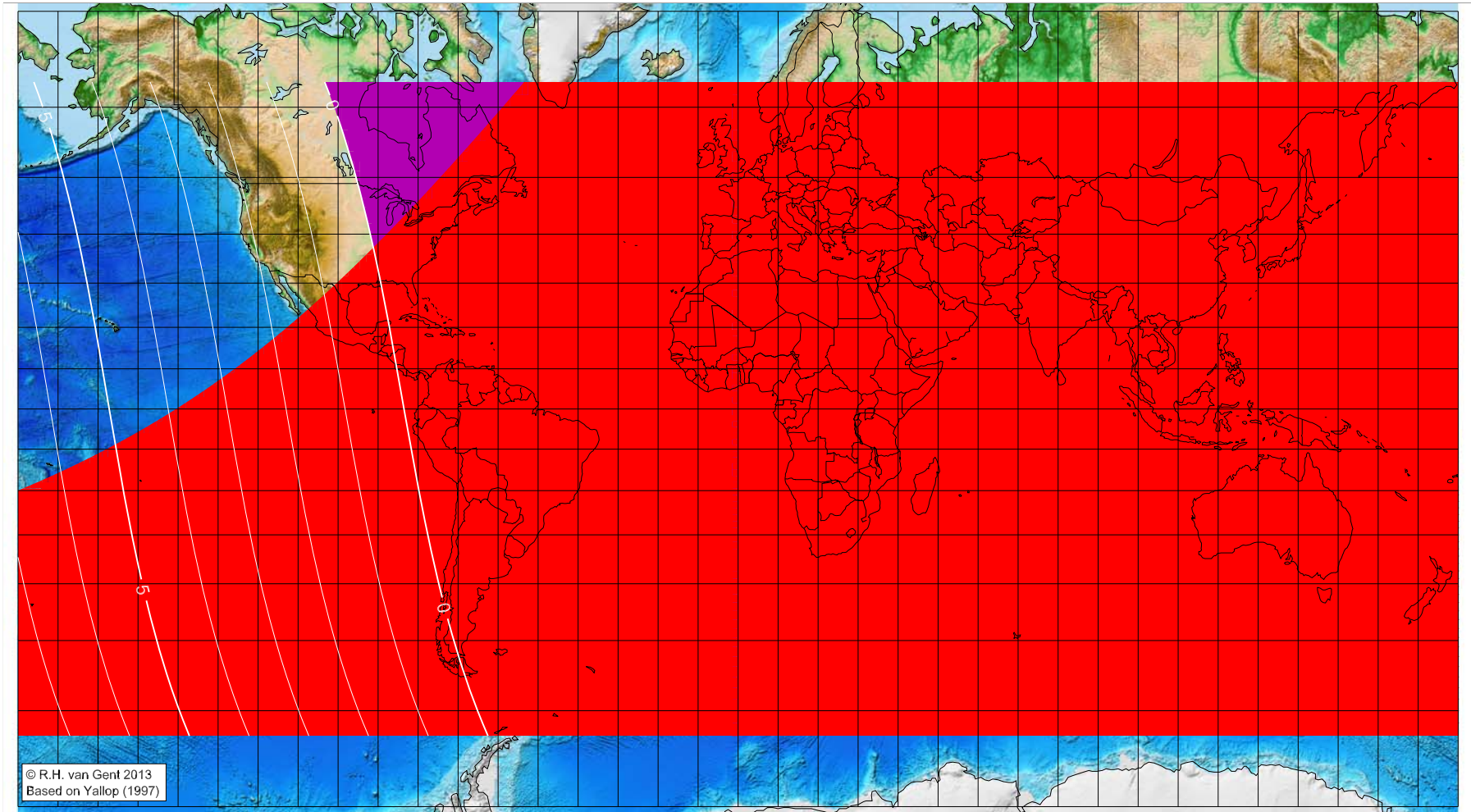


# First visibility lunar crescent for Jumādā 'I-Ūlā 1436 AH

Global visibility map for 18 February 2015 [Wednesday]  
Day of luni-solar conjunction



Astronomical New Moon: 18 February 2015, 23h 47.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1140  
Islamic Lunation Number = 17225  
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°)

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  
not visible until the next evening

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

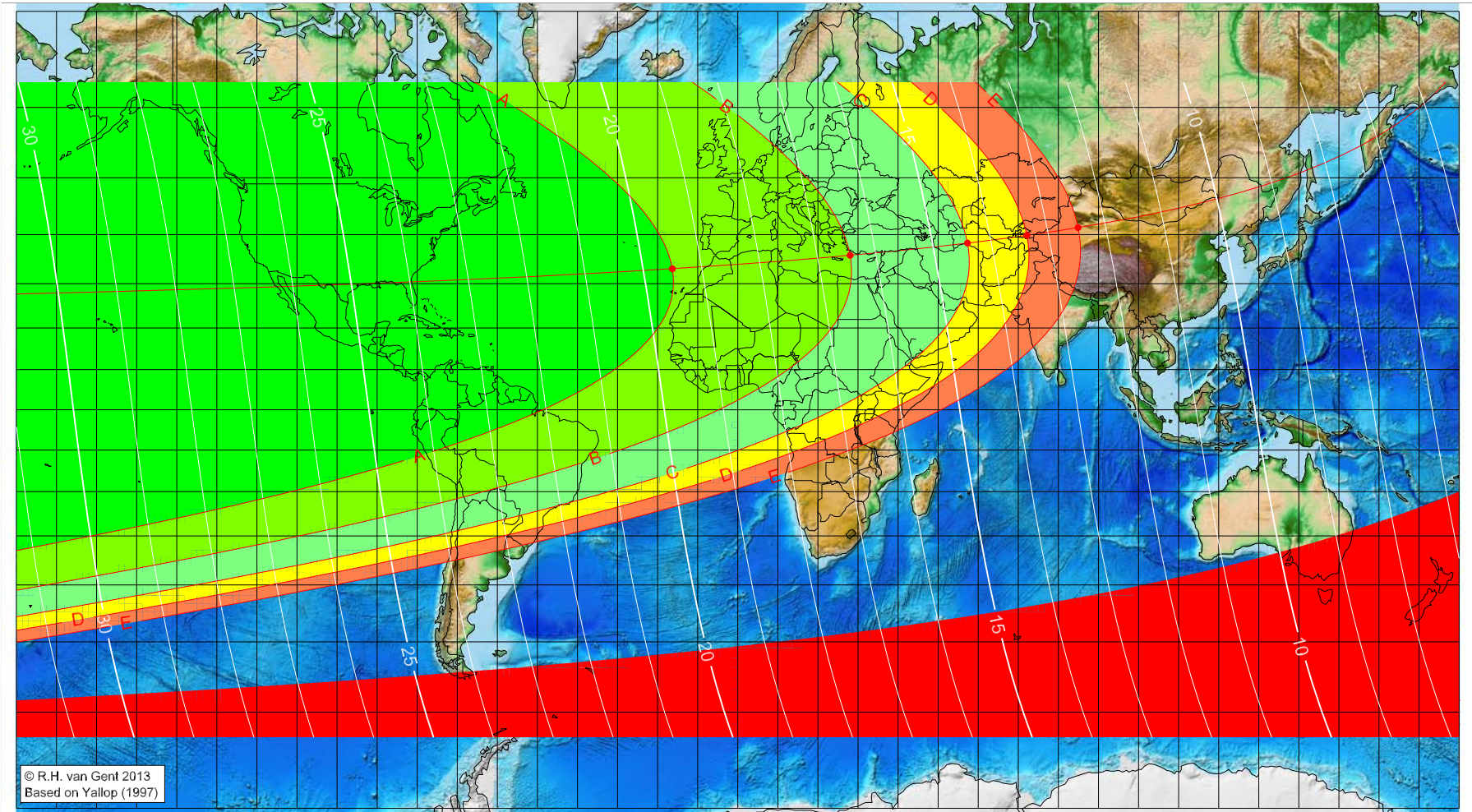
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Jumādā 'I-Ūlā 1436 AH

Global visibility map for 19 February 2015 [Thursday]  
Day after luni-solar conjunction



Astronomical New Moon: 18 February 2015, 23h 47.3m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1140

Islamic Lunation Number = 17225

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°)

Longitude (°)	Latitude (°)	Lunar age (h)
-16.33	33.17	19.50
28.04	35.93	16.44
57.31	38.36	14.40
72.13	39.86	13.37
84.92	41.33	12.47

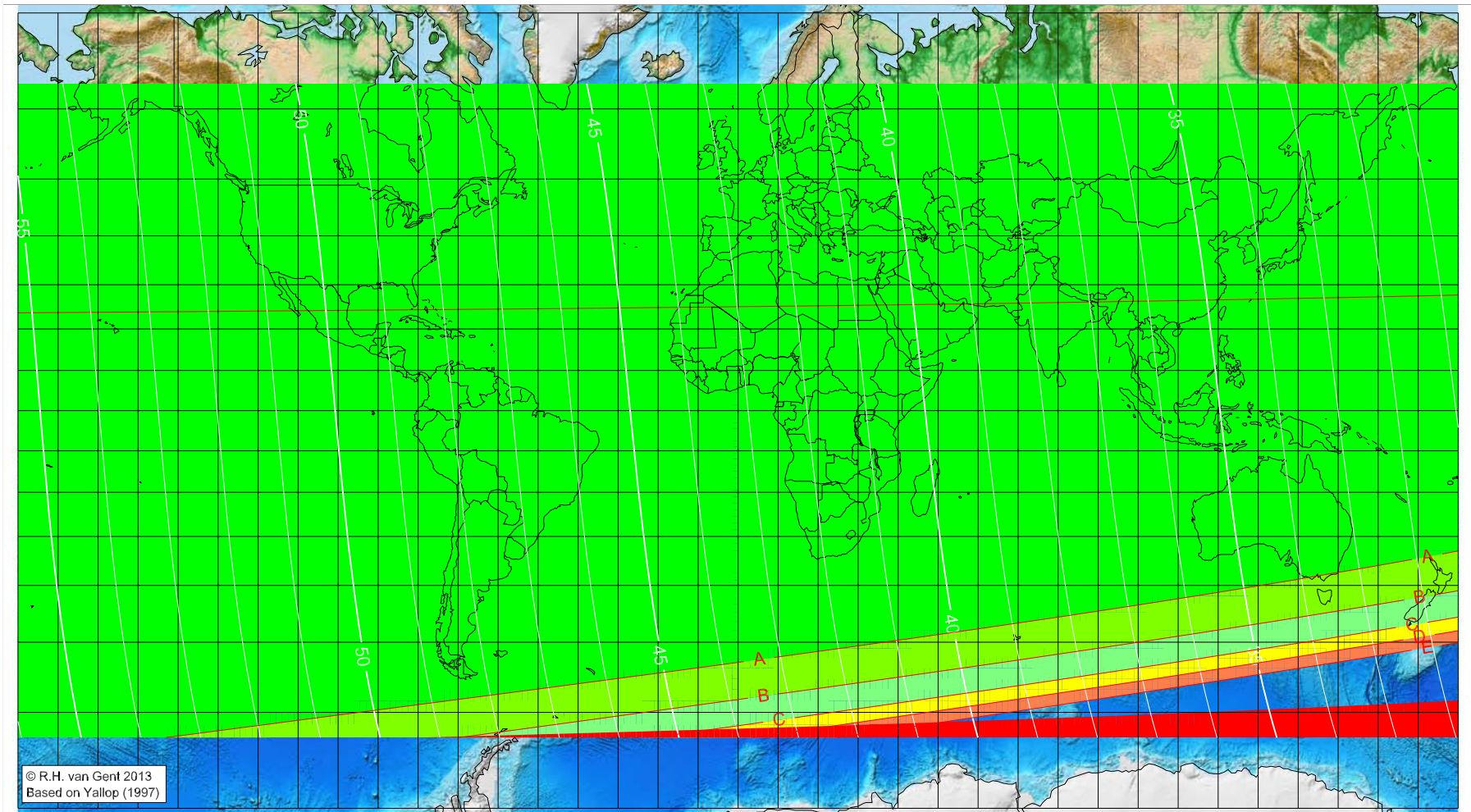
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Jumādā 'l-Ūlā 1436 AH

Global visibility map for 20 February 2015 [Friday]  
Second day after luni-solar conjunction



© R.H. van Gent 2013  
Based on Yallop (1997)

Astronomical New Moon: 18 February 2015, 23h 47.3m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1140  
Islamic Lunation Number = 17225  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>