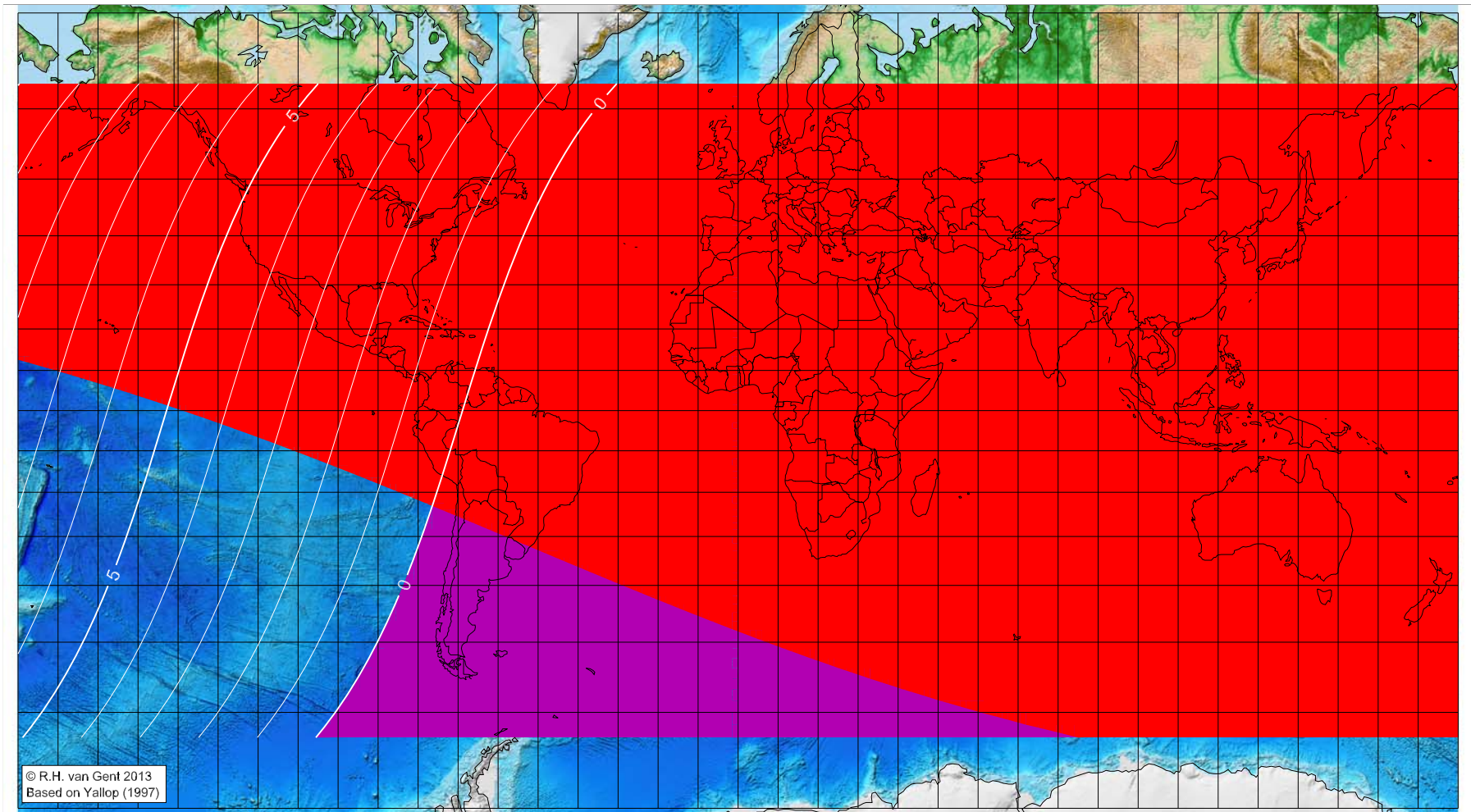


# First visibility lunar crescent for Shawwāl 1435 AH

Global visibility map for 26 July 2014 [Saturday]  
Day of luni-solar conjunction



Astronomical New Moon: 26 July 2014, 22h 41.7m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1133  
Islamic Lunation Number = 17218  
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)

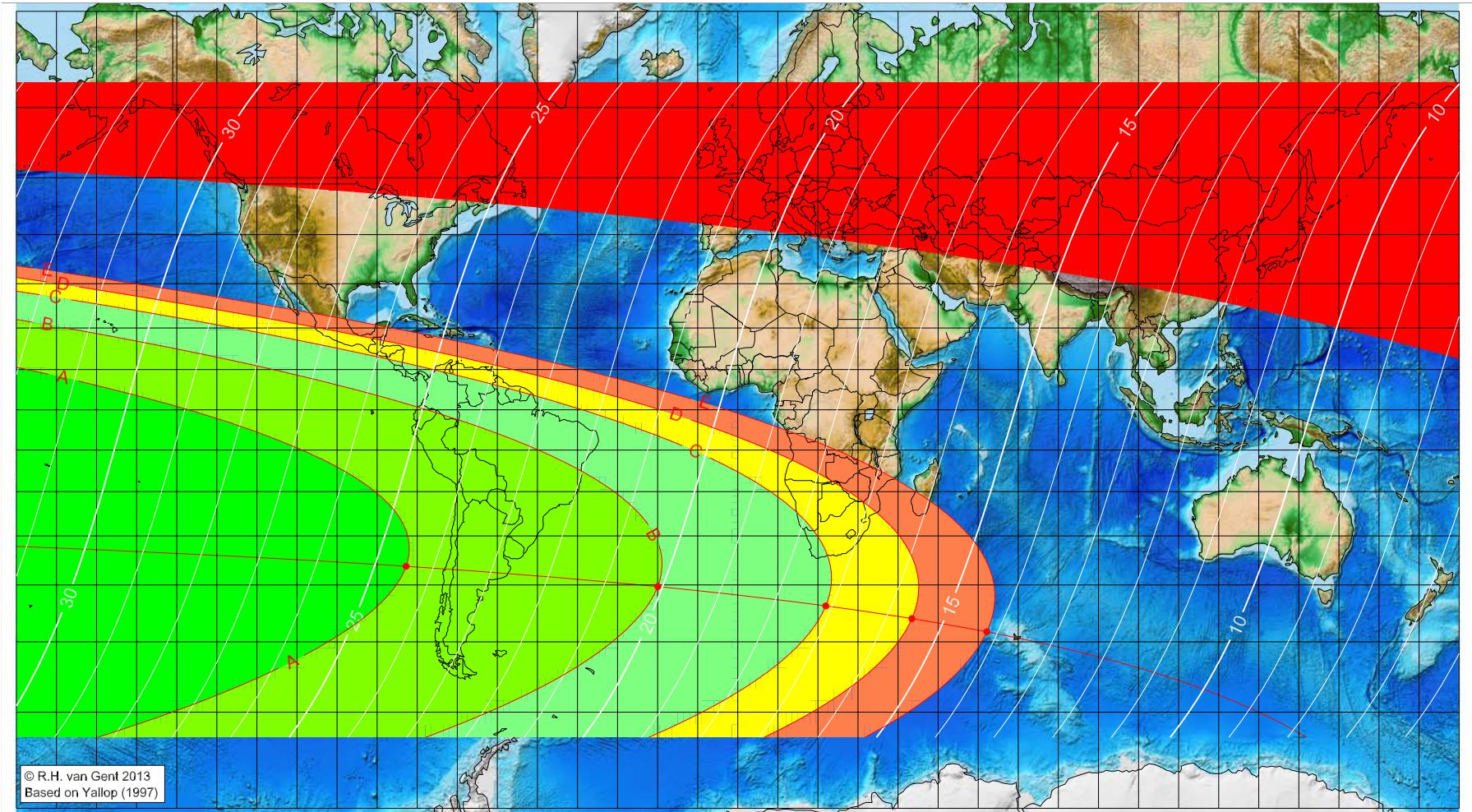
Longitude (°) Latitude (°) Lunar age (h)  
not visible until the next evening  
not visible until the next evening  
not visible until the next evening  
not visible until the next evening  
not visible until the next evening

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

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

# First visibility lunar crescent for Shawwāl 1435 AH

Global visibility map for 27 July 2014 [Sunday]  
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 26 July 2014, 22h 41.7m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1133

Islamic Lunation Number = 17218

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)
-82.75	-36.34	24.46
-19.98	-40.31	20.08
21.97	-43.89	17.11
43.44	-46.13	15.56
62.13	-48.36	14.19

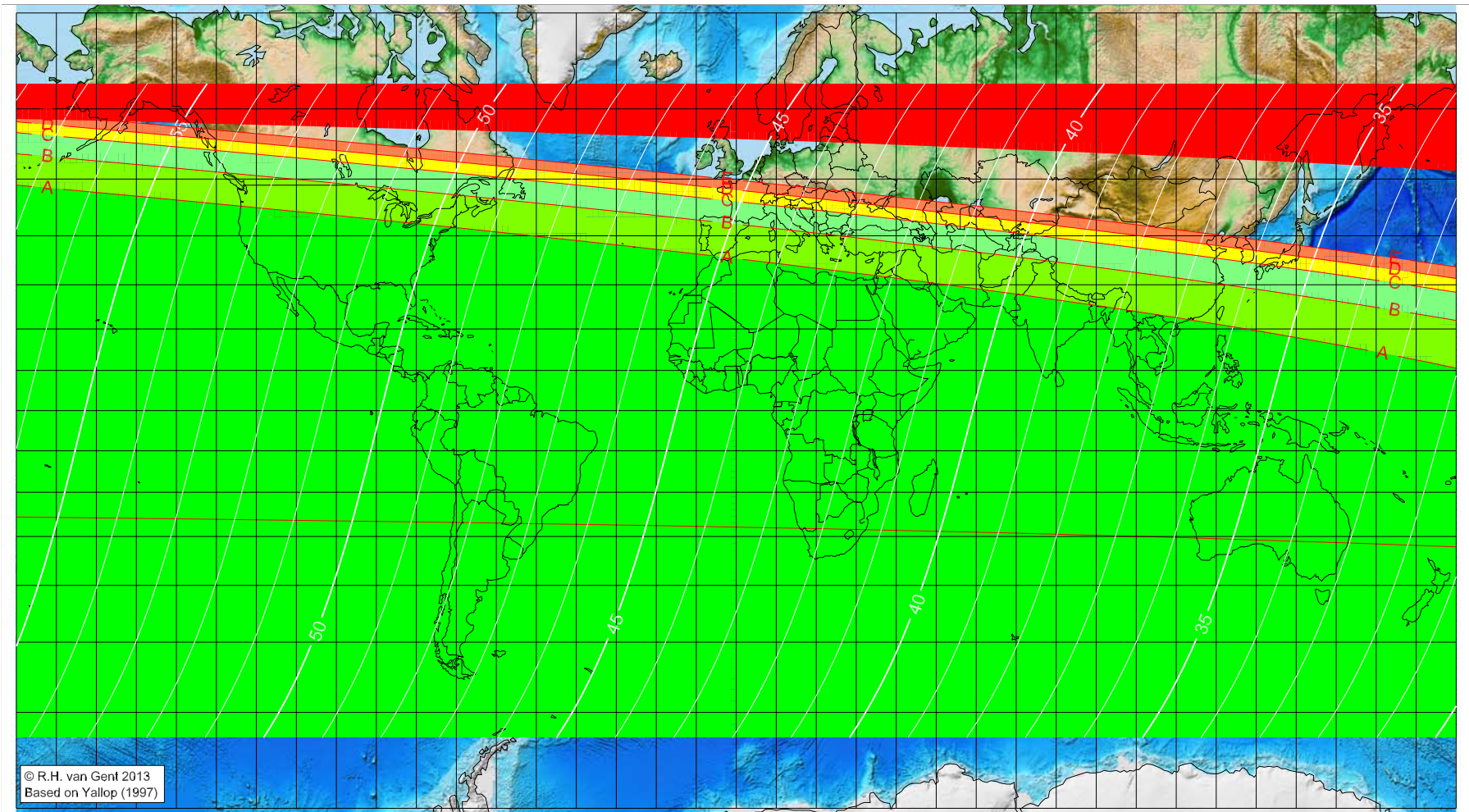
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Shawwāl 1435 AH

Global visibility map for 28 July 2014 [Monday]  
Second day after luni-solar conjunction



Astronomical New Moon: 26 July 2014, 22h 41.7m (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 = 1133  
Islamic Lunation Number = 17218  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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/>