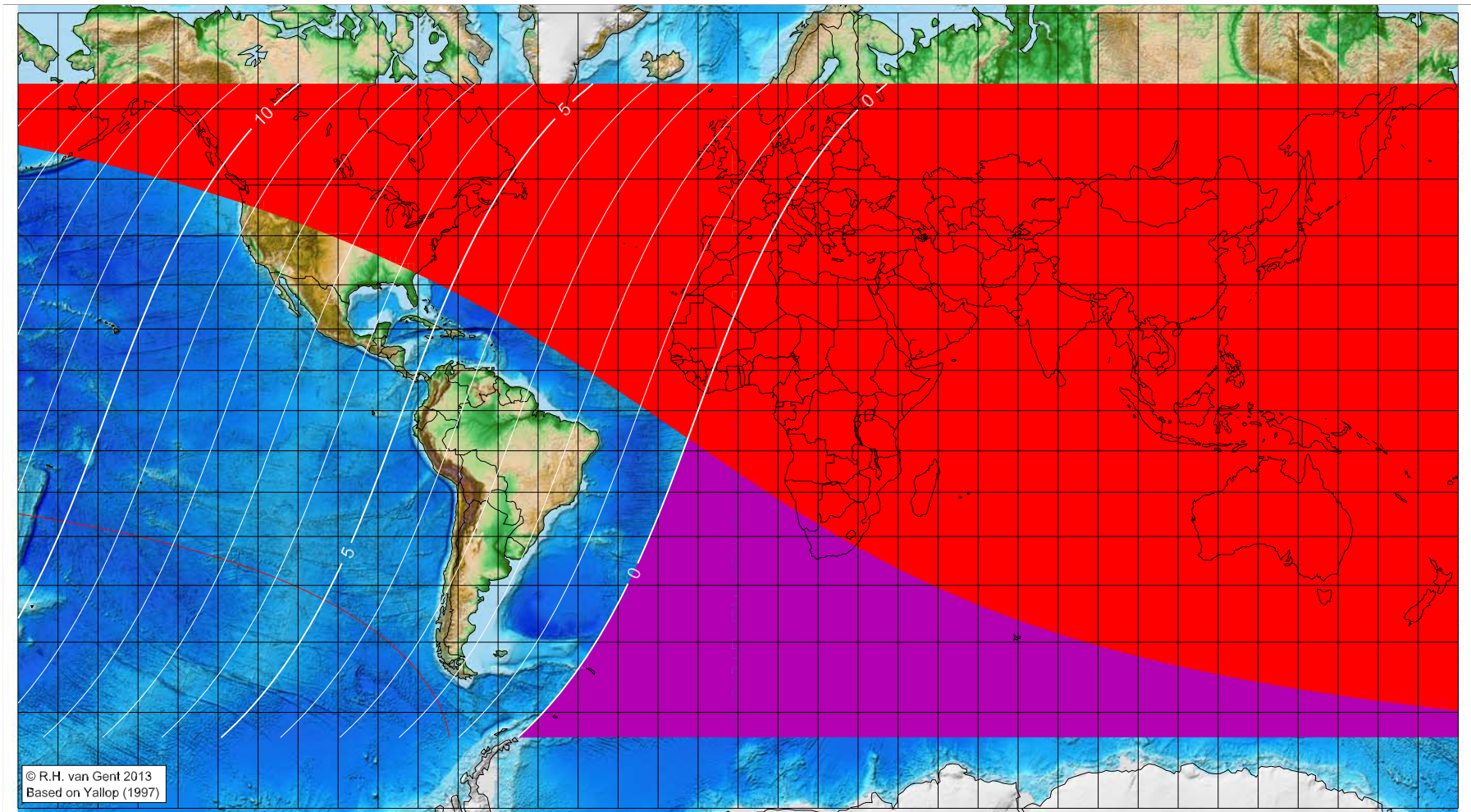


# First visibility lunar crescent for Sha'bān 1435 AH

Global visibility map for 28 May 2014 [Wednesday]  
Day of luni-solar conjunction



Astronomical New Moon: 28 May 2014, 18h 40.2m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1131  
Islamic Lunation Number = 17216  
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

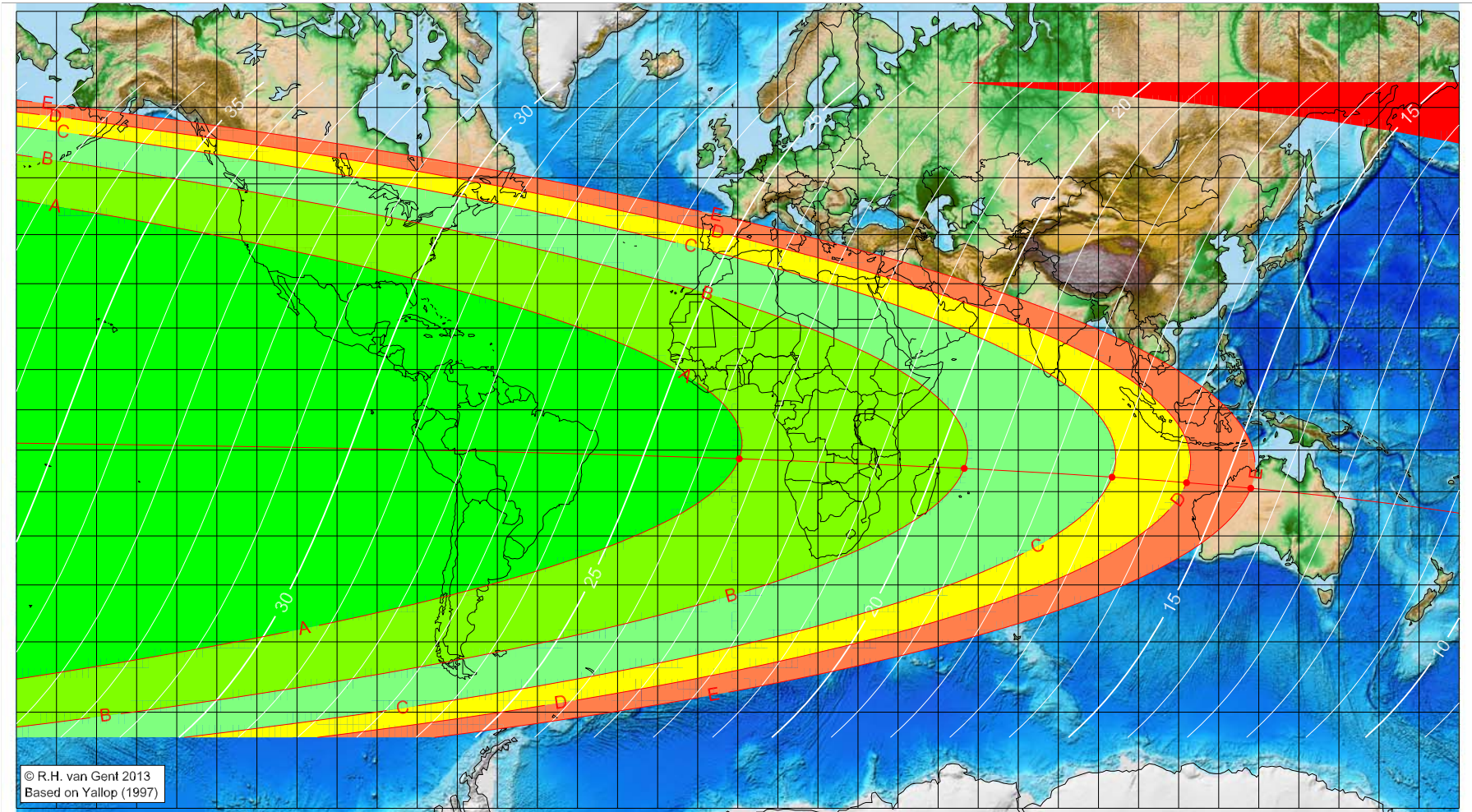
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Sha'bān 1435 AH

Global visibility map for 29 May 2014 [Thursday]  
Day after luni-solar conjunction



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

Astronomical New Moon: 28 May 2014, 18h 40.2m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1131  
Islamic Lunation Number = 17216  
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)
0.36	-12.14	23.36
56.50	-14.47	19.50
93.37	-16.58	16.95
111.98	-17.90	15.65
128.01	-19.20	14.53

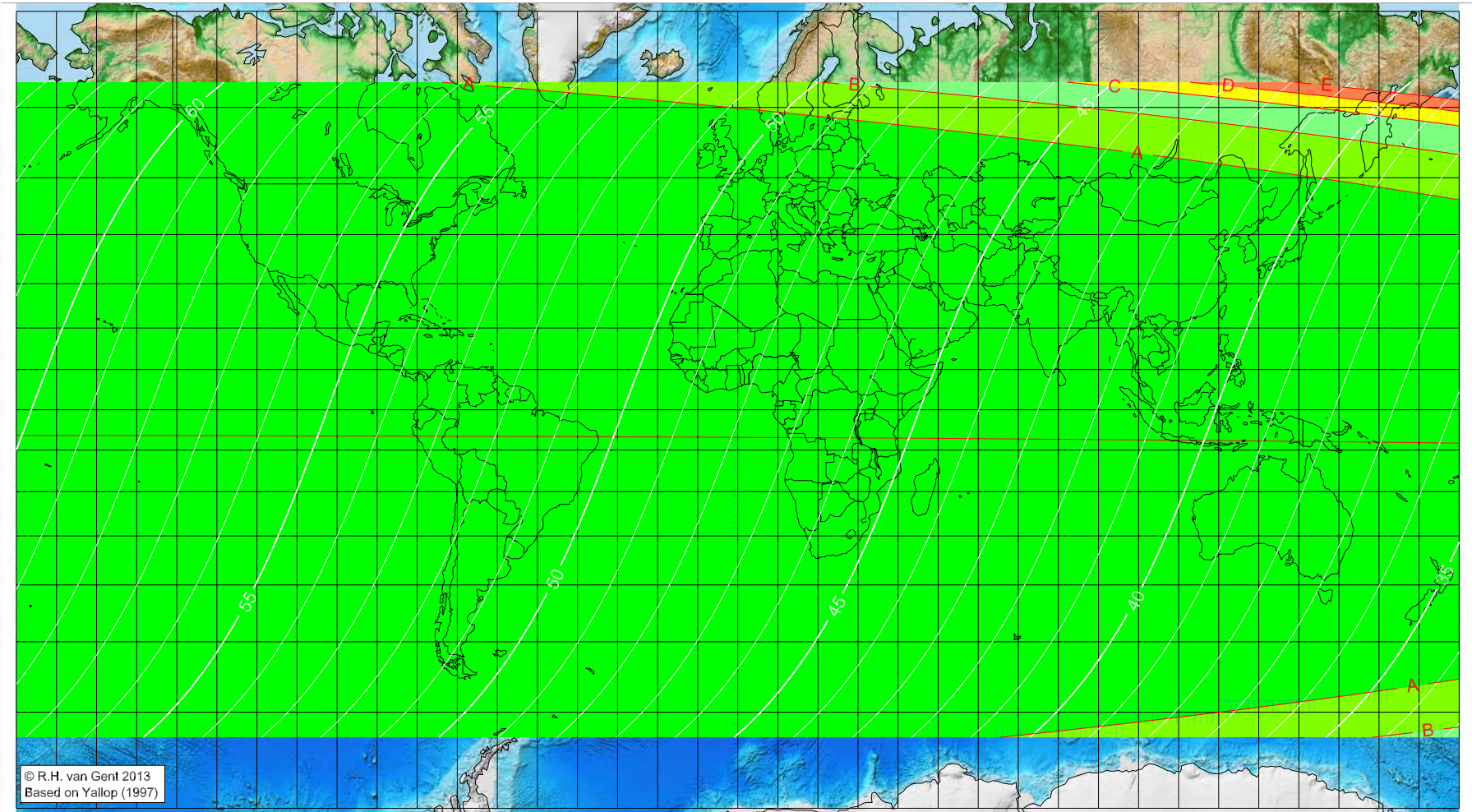
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

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

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

# First visibility lunar crescent for Shaʿbān 1435 AH

Global visibility map for 30 May 2014 [Friday]  
Second day after luni-solar conjunction



Astronomical New Moon: 28 May 2014, 18h 40.2m (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 = 1131  
Islamic Lunation Number = 17216  
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/>