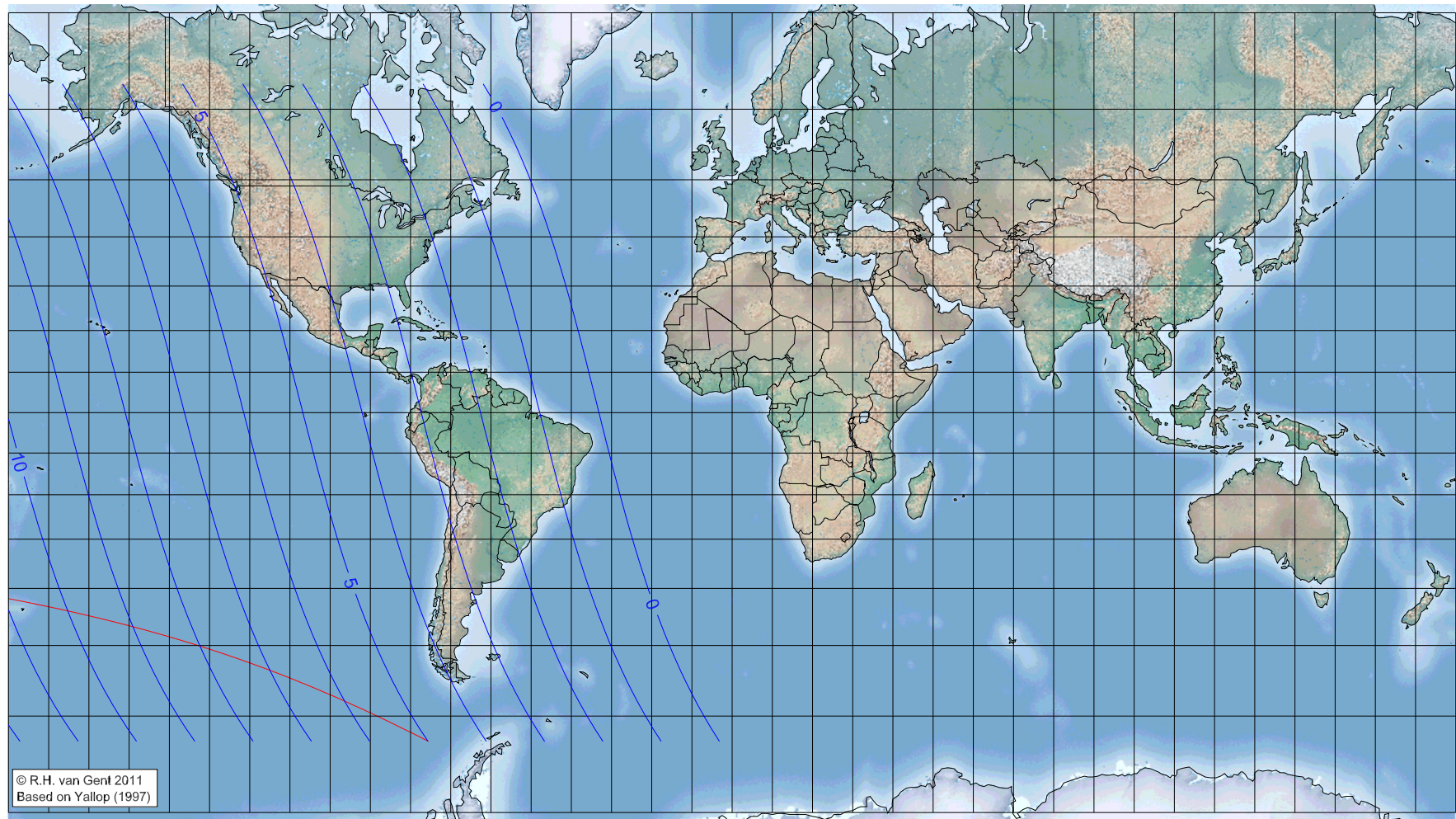


# First visibility lunar crescent for Dhū 'l-Hijja 1432 AH

Global visibility map for 26 October 2011 [Wednesday]

Day of luni-solar conjunction



© R.H. van Gent 2011  
Based on Yallop (1997)

Astronomical New Moon: 26 October 2011, 19h 55.8m (UTC)

$\Delta T = 1.1$  min

First visibility (●)

Longitude (°) Latitude (°) Lunar age (h)

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – may need optical aid before visible to the unaided eye
- D – only visible with binoculars or a telescope
- E – Danjon limit (8°) – invisible even with optical aid

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

Astronomical (Brown) Lunation Number = 1099

Islamic Lunation Number = 17184

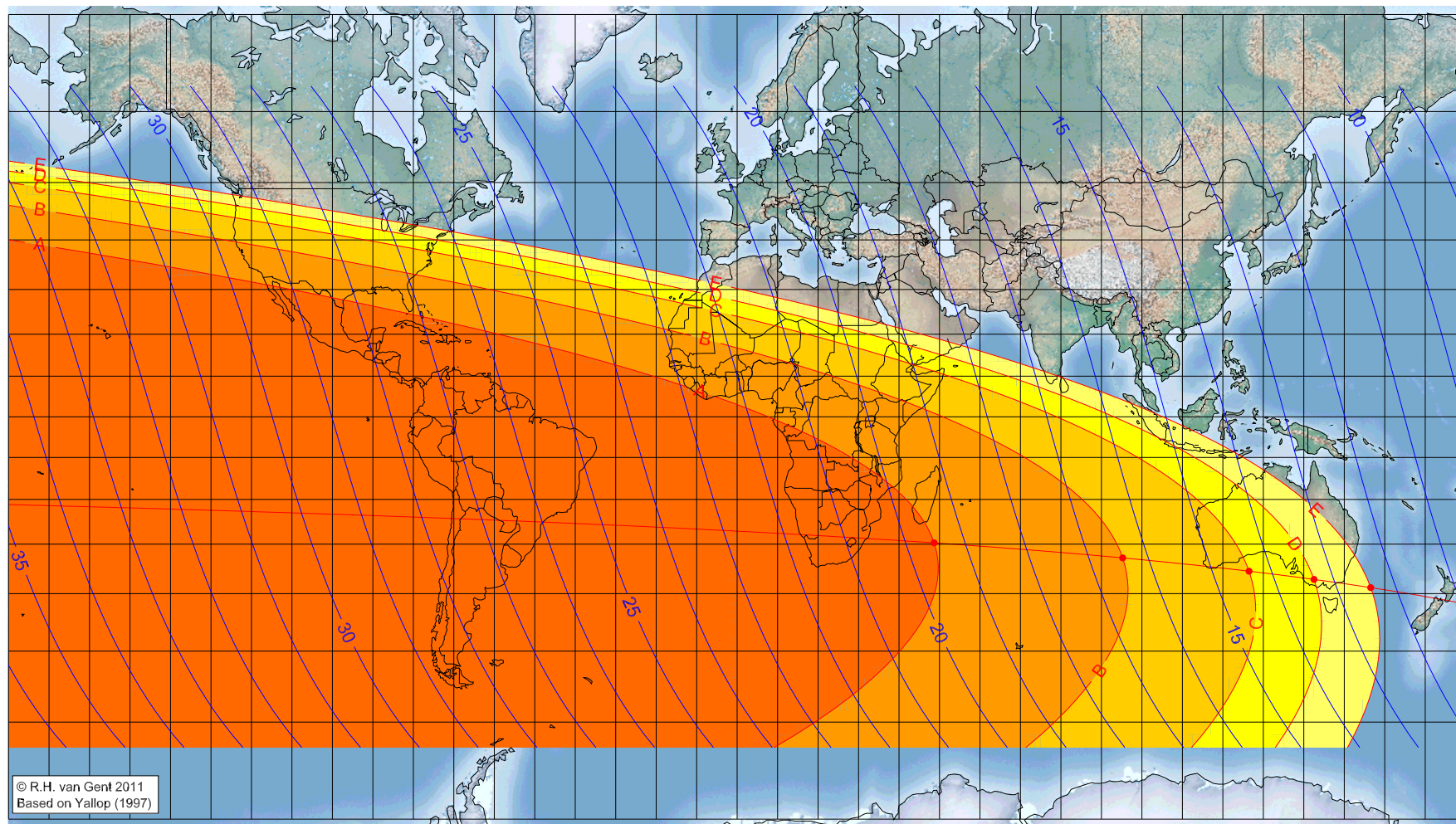
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

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



# First visibility lunar crescent for Dhū 'l-Hijja 1432 AH

Global visibility map for 27 October 2011 [Thursday]  
Day after luni-solar conjunction



Astronomical New Moon: 26 October 2011, 19h 55.8m (UTC)  
 $\Delta T = 1.1$  min

First visibility (●)

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – may need optical aid before visible to the unaided eye
- D – only visible with binoculars or a telescope
- E – Danjon limit ( $8^\circ$ ) – invisible even with optical aid

Longitude ( $^\circ$ )	Latitude ( $^\circ$ )	Lunar age (h)
48.67	-29.73	19.52
95.25	-32.90	16.43
126.47	-35.62	14.38
142.52	-37.25	13.33
156.54	-38.85	12.43

Astronomical (Brown) Lunation Number = 1099  
Islamic Lunation Number = 17184

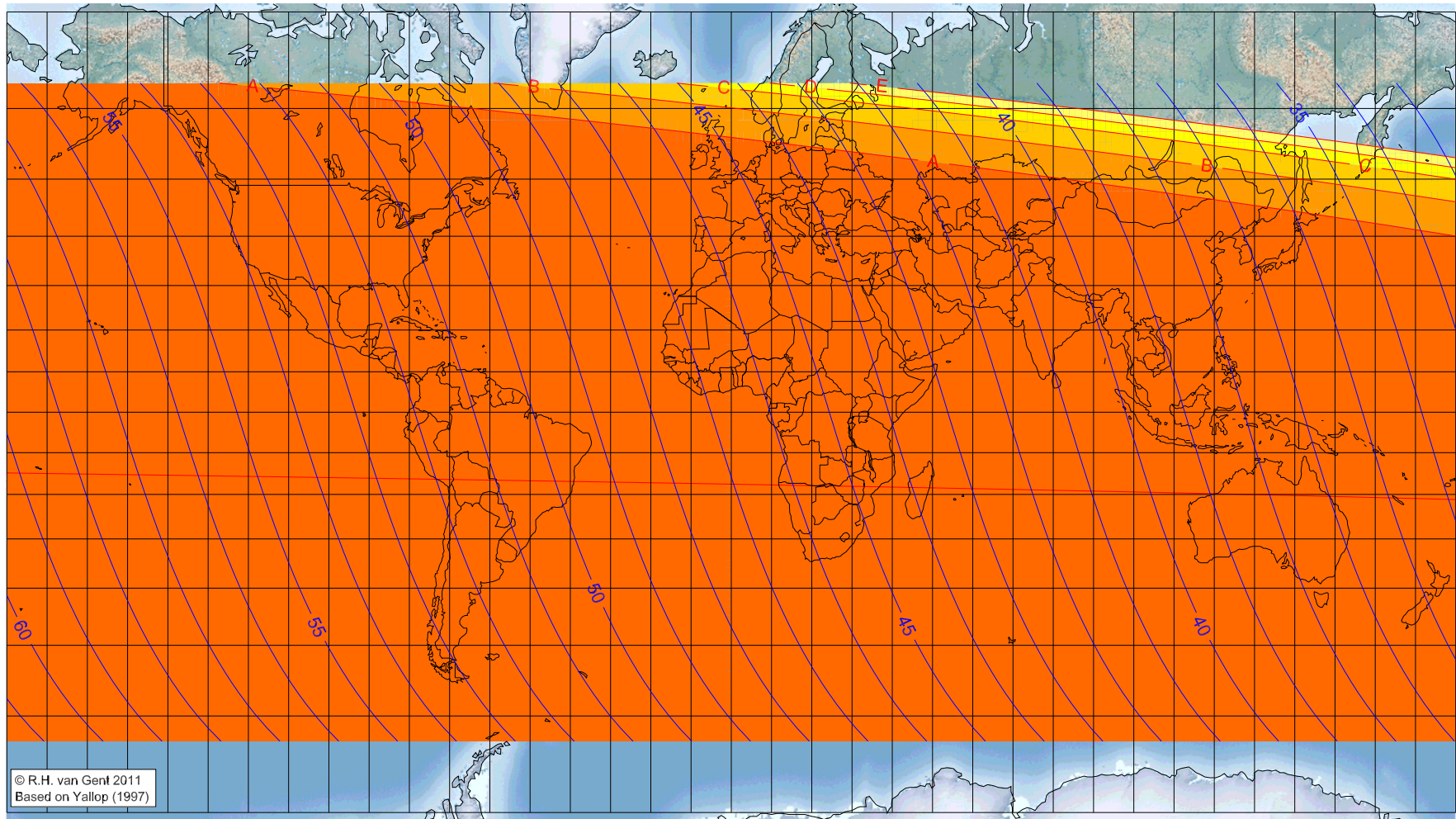
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

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

# First visibility lunar crescent for Dhū 'l-Hijja 1432 AH

Global visibility map for 28 October 2011 [Friday]

Second day after luni-solar conjunction



Astronomical New Moon: 26 October 2011, 19h 55.8m (UTC)

$\Delta T = 1.1$  min

Astronomical (Brown) Lunation Number = 1099

Islamic Lunation Number = 17184

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – may need optical aid before visible to the unaided eye
- D – only visible with binoculars or a telescope
- E – Danjon limit ( $8^\circ$ ) – invisible even with optical aid

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/>