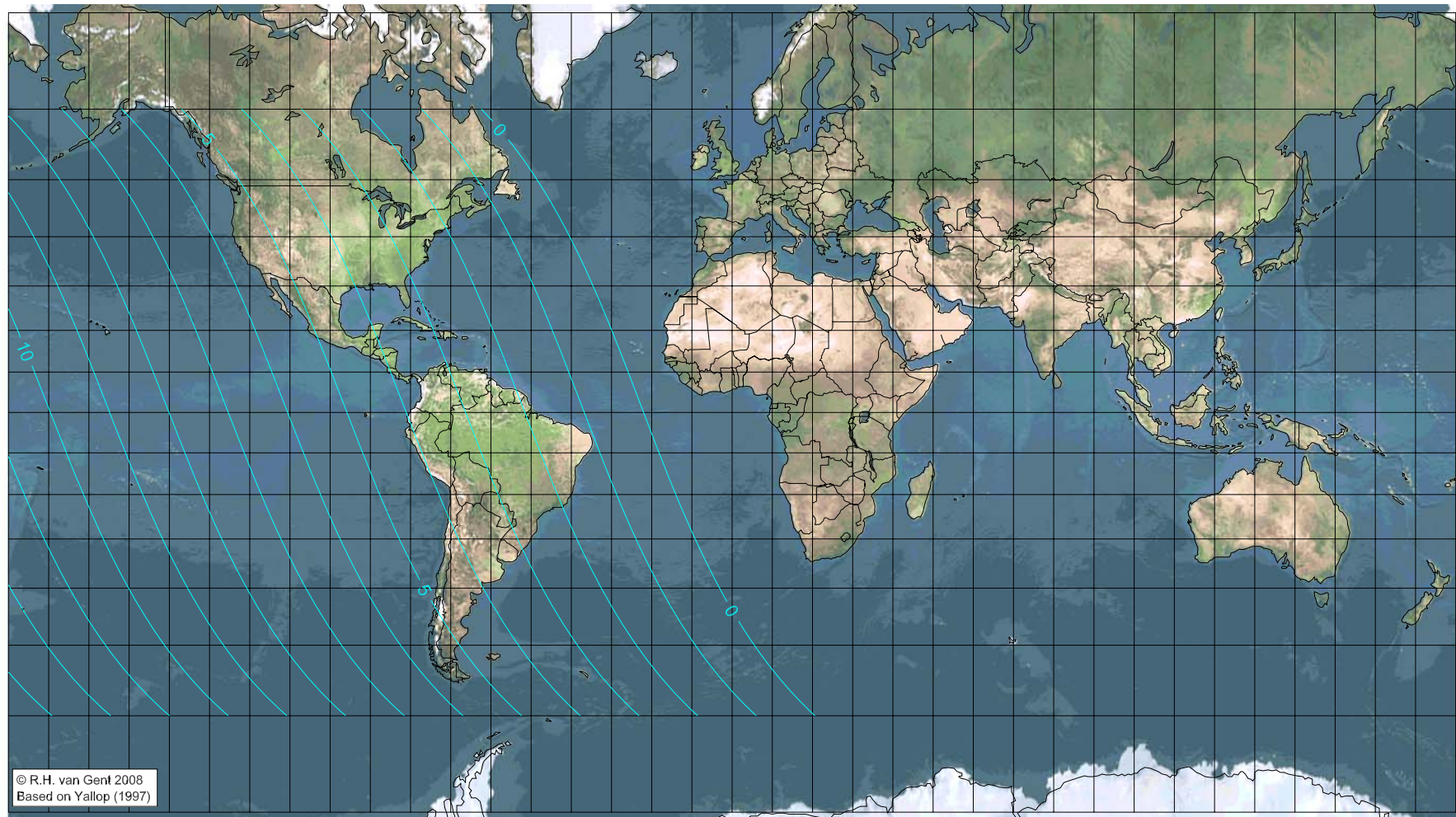


First visibility lunar crescent for Dhū 'l-Hijja 1430 AH

Global visibility map for 16 November 2009 [Monday]

Day of luni-solar conjunction



© R.H. van Gent 2008
Based on Yallop (1997)

Astronomical New Moon: 16 November 2009, 19h 13.7m (UT)

$\Delta T = 66.0$ sec

First visibility (●)

Astronomical Lunation Number 1075

Islamic Lunation Number 17160

- A - easily visible with the naked eye
- B - visible with the naked eye under perfect conditions
- C - easily visible with a small telescope
- D - visible with a small telescope under perfect conditions
- E - Danjon limit (8°)

Longitude ($^\circ$)	Latitude ($^\circ$)	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

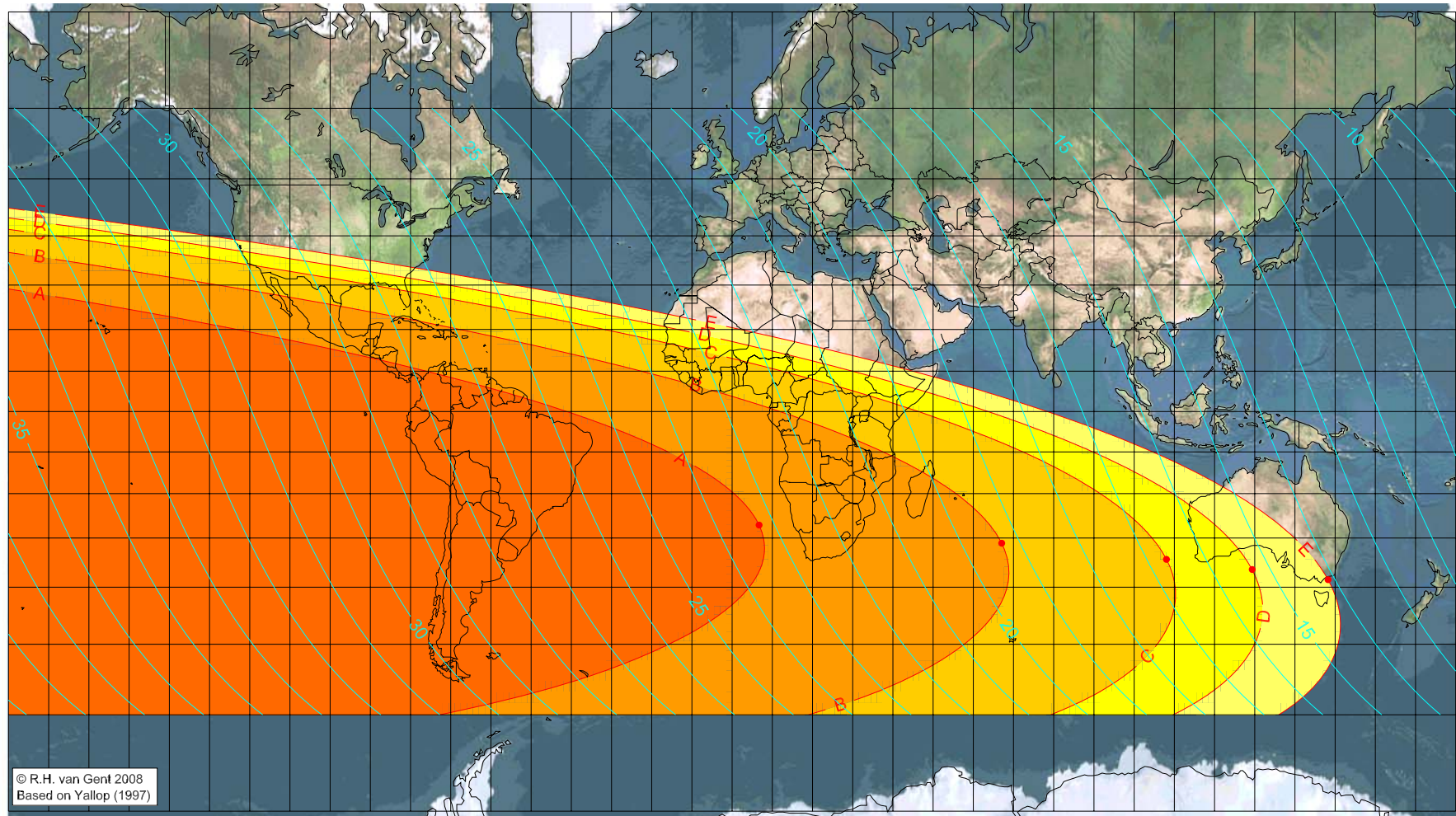
Lunar age (in hours) is given for the 'best time', defined as the moment that lies 4/9ths in the interval between sunset and moonset

More info: <http://www.phys.uu.nl/~vgent/>

First visibility lunar crescent for Dhū 'l-Hijja 1430 AH

Global visibility map for 17 November 2009 [Tuesday]

Day after luni-solar conjunction



Astronomical New Moon: 16 November 2009, 19h 13.7m (UT)

$\Delta T = 66.0$ sec

First visibility (●)

Astronomical Lunation Number 1075

Islamic Lunation Number 17160

- A - easily visible with the naked eye
- B - visible with the naked eye under perfect conditions
- C - easily visible with a small telescope
- D - visible with a small telescope under perfect conditions
- E - Danjon limit (8°)

Longitude ($^\circ$)	Latitude ($^\circ$)	Lunar age (h)
6.71	-27.17	23.26
67.06	-31.11	19.31
108.04	-34.49	16.67
129.37	-36.54	15.31
148.24	-38.55	14.12

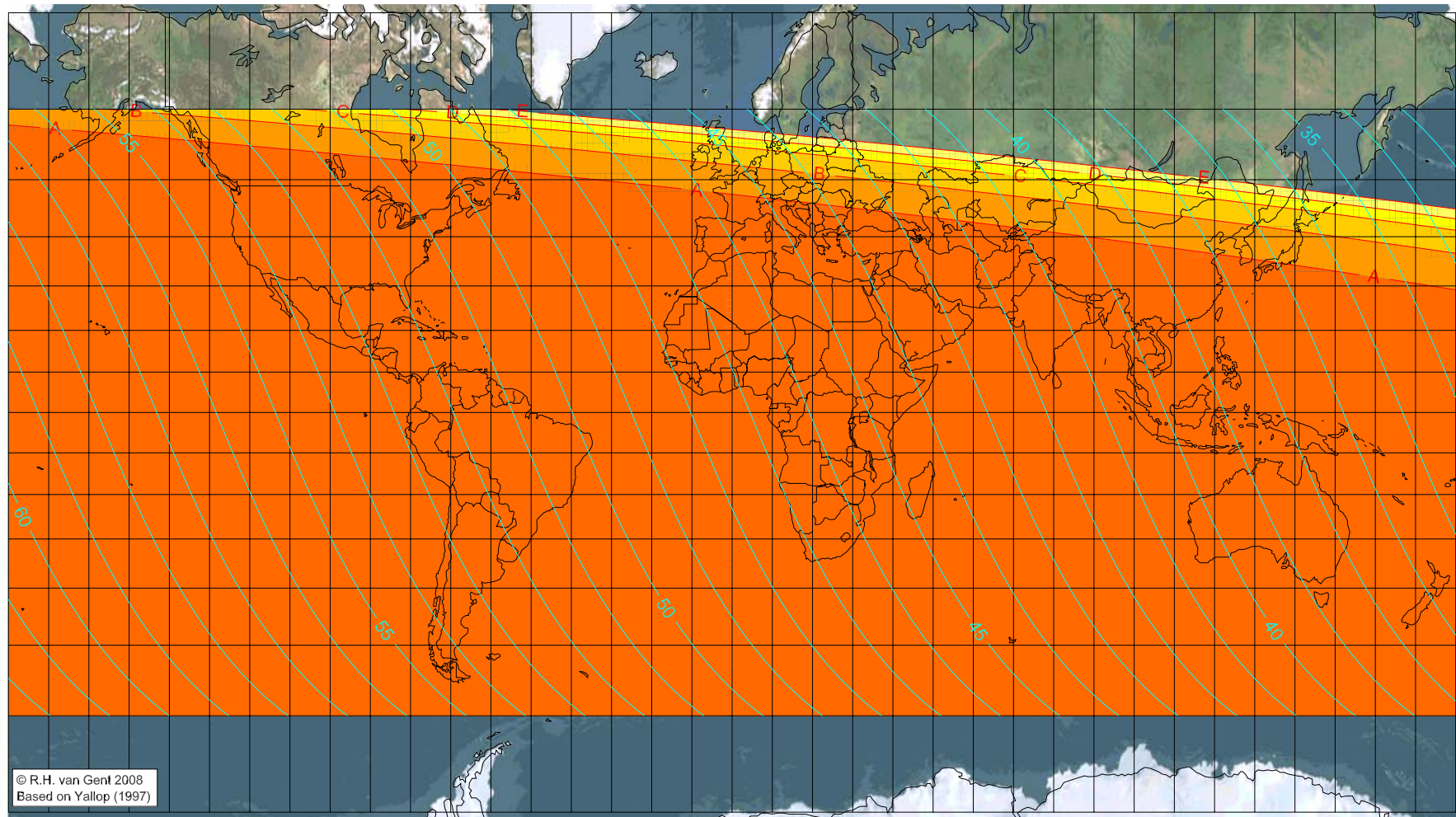
Lunar age (in hours) is given for the 'best time', defined as the moment that lies 4/9ths in the interval between sunset and moonset

More info: <http://www.phys.uu.nl/~vgent/>

First visibility lunar crescent for Dhū 'l-Hijja 1430 AH

Global visibility map for 18 November 2009 [Wednesday]

Second day after luni-solar conjunction



Astronomical New Moon: 16 November 2009, 19h 13.7m (UT)

$\Delta T = 66.0$ sec

Astronomical Lunation Number 1075

Islamic Lunation Number 17160

- A - easily visible with the naked eye
- B - visible with the naked eye under perfect conditions
- C - easily visible with a small telescope
- D - visible with a small telescope under perfect conditions
- E - Danjon limit (8°)

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

More info: <http://www.phys.uu.nl/~vgent/>