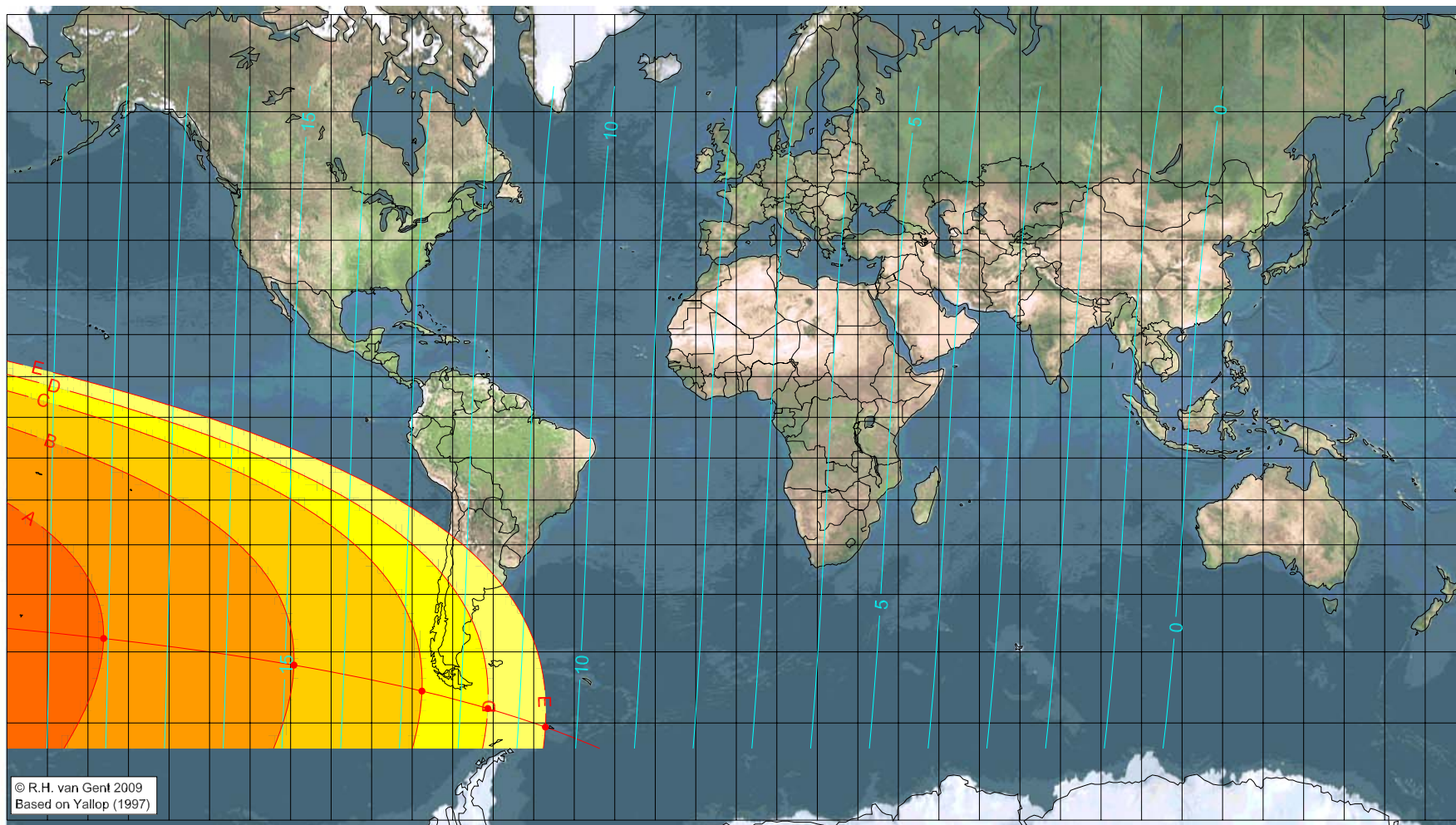


# First visibility lunar crescent for Shawwāl 1431 AH

Global visibility map for 8 September 2010 [Wednesday]

Day of luni-solar conjunction



© R.H. van Gent 2009  
Based on Yallop (1997)

Astronomical New Moon: 8 September 2010, 10h 29.7m (UTC)

$\Delta T = 66.8$  sec

First visibility (●)

Astronomical Lunation Number 1085

Islamic Lunation Number 17170

- 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 ( $8^\circ$ )

Longitude (°)	Latitude (°)	Lunar age (h)
-156.14	-47.82	18.08
-109.16	-52.05	14.85
-77.58	-55.82	12.66
-61.32	-58.17	11.53
-47.11	-60.50	10.54

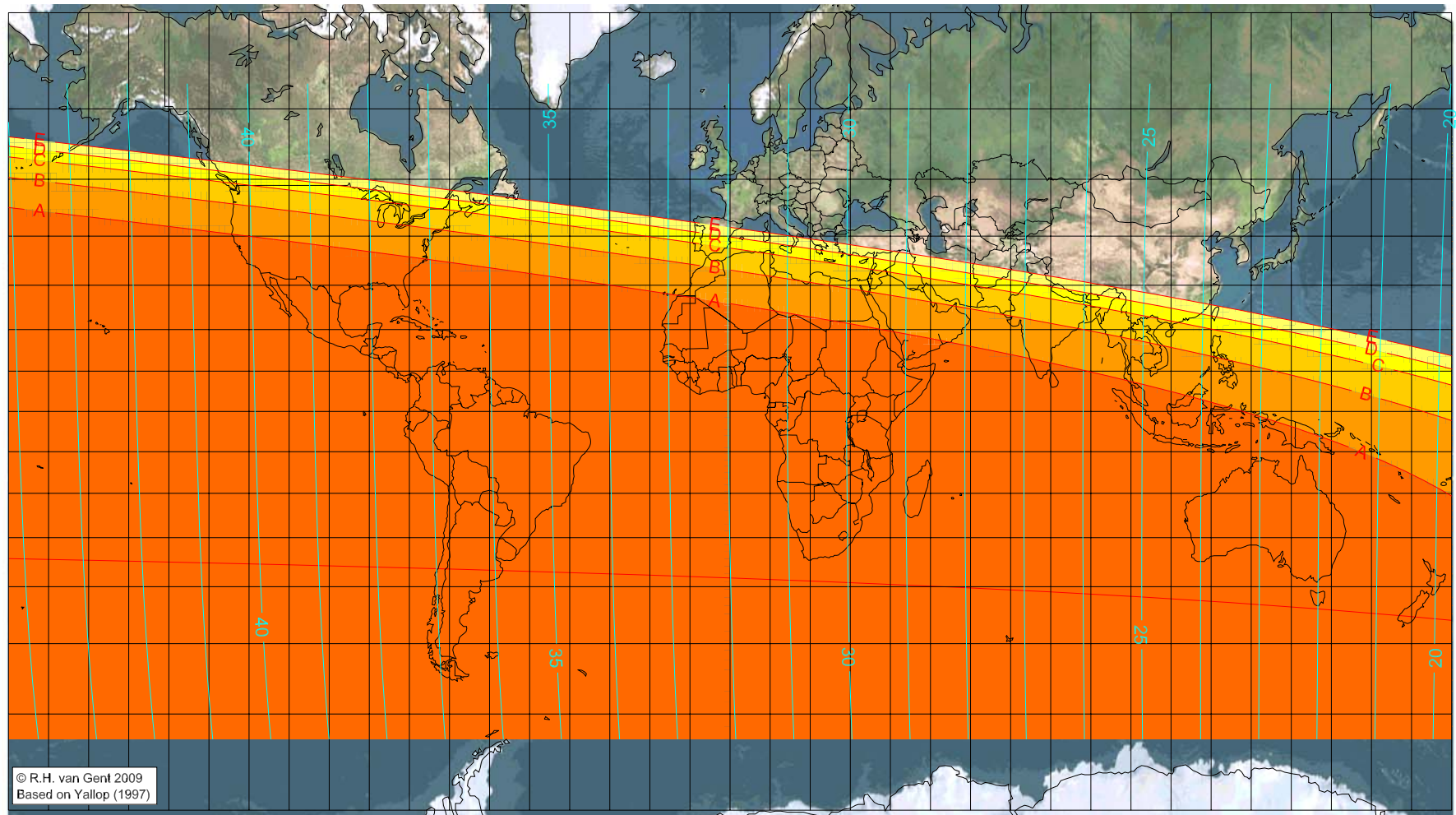
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

# First visibility lunar crescent for Shawwāl 1431 AH

Global visibility map for 9 September 2010 [Thursday]

Day after luni-solar conjunction



Astronomical New Moon: 8 September 2010, 10h 29.7m (UTC)

$\Delta T = 66.8$  sec

First visibility (●)

Astronomical Lunation Number 1085

Islamic Lunation Number 17170

- 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 (°)   Latitude (°)   Lunar age (h)

visible on the previous evening

visible on the previous evening

visible on the previous evening

visible on the previous evening

visible on the previous evening

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

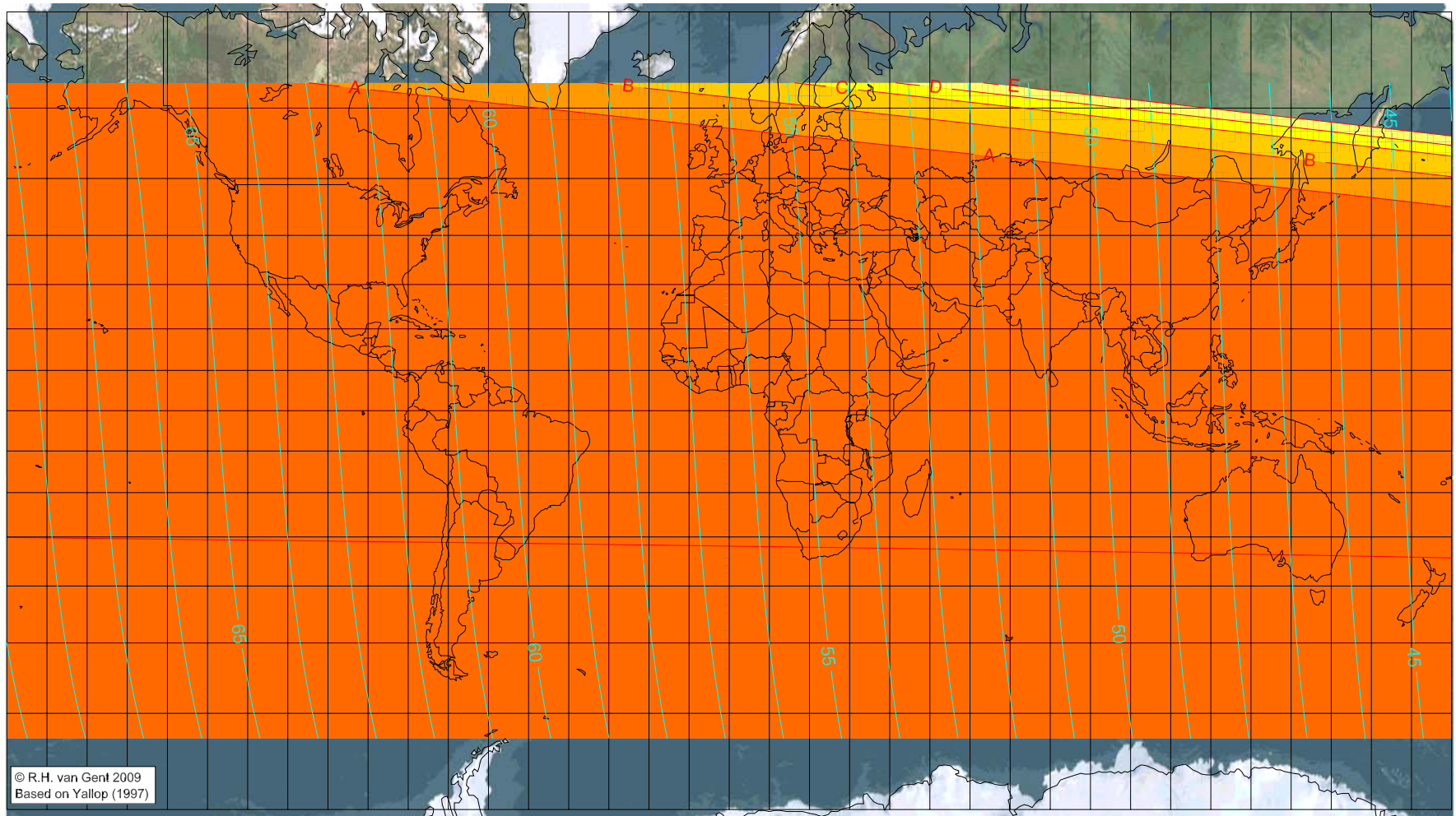
More info: <http://www.phys.uu.nl/~vgent/>



# First visibility lunar crescent for Shawwāl 1431 AH

Global visibility map for 10 September 2010 [Friday]

Second day after luni-solar conjunction



Astronomical New Moon: 8 September 2010, 10h 29.7m (UTC)

$\Delta T = 66.8$  sec

Astronomical Lunation Number 1085

Islamic Lunation Number 17170

- 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 ( $8^\circ$ )

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

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