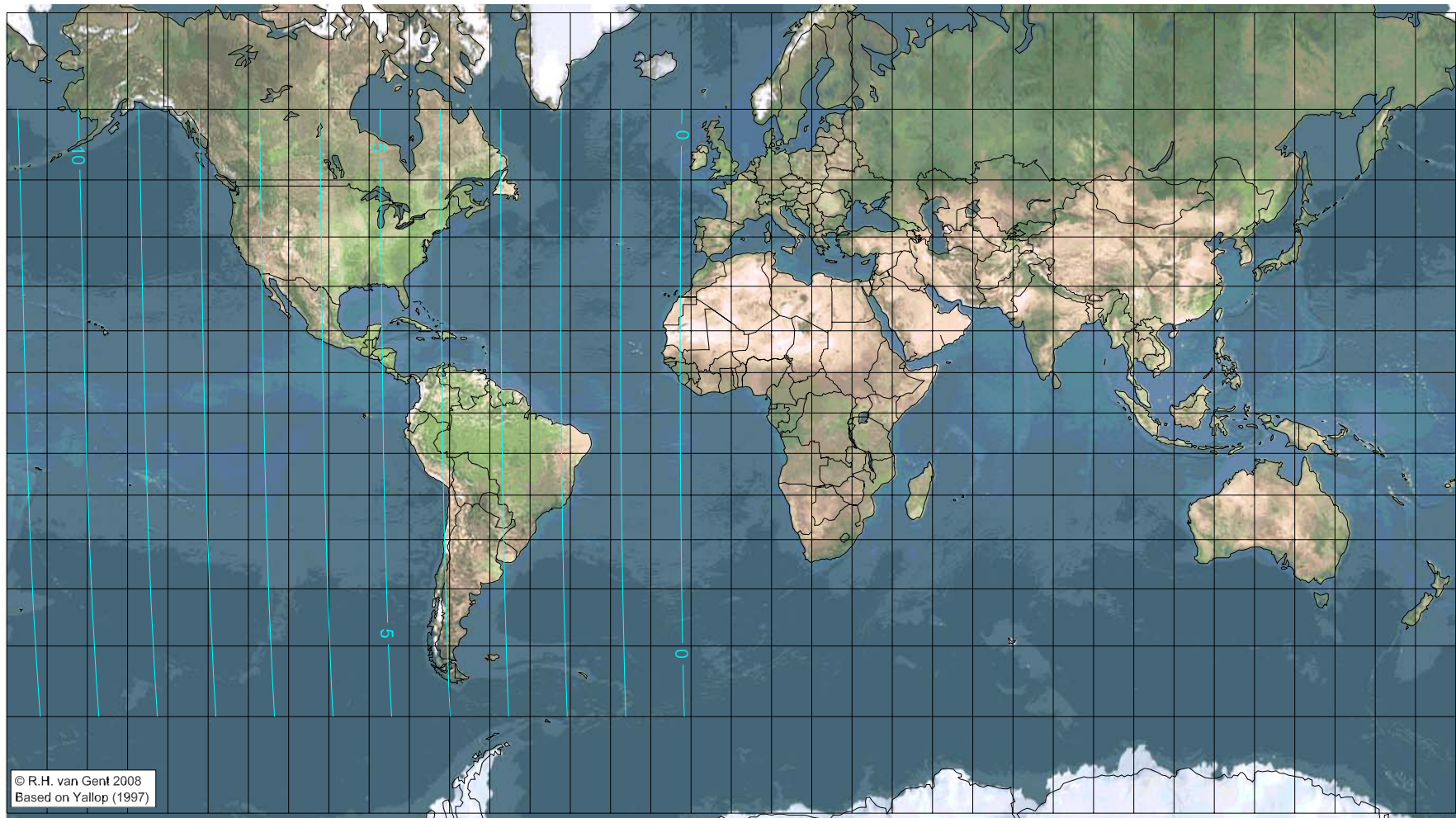


First visibility lunar crescent for Shawwāl 1430 AH

Global visibility map for 18 September 2009 [Friday]

Day of luni-solar conjunction



Astronomical New Moon: 18 September 2009, 18h 44.2m (UT)

$\Delta T = 66.0$ sec

First visibility (●)

Astronomical Lunation Number 1073

Islamic Lunation Number 17158

- 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

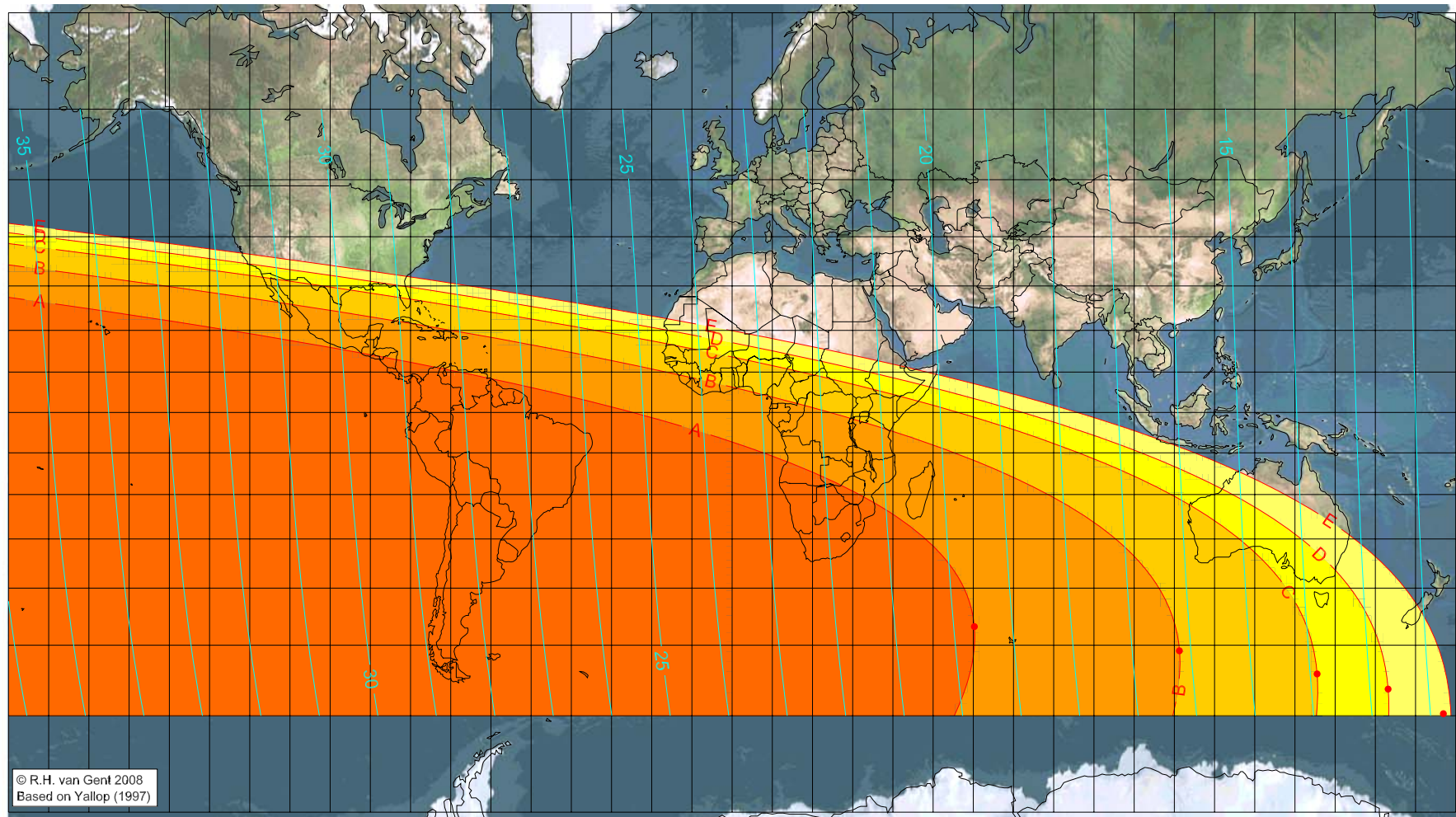
Lunar age (in hours) is given for the 'best time', defined as the moment that lies 4/9ths in the interval between sunset and moonset

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

First visibility lunar crescent for Shawwāl 1430 AH

Global visibility map for 19 September 2009 [Saturday]

Day after luni-solar conjunction



Astronomical New Moon: 18 September 2009, 18h 44.2m (UT)

$\Delta T = 66.0$ sec

First visibility (●)

Astronomical Lunation Number 1073

Islamic Lunation Number 17158

- 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)
60.26	-46.93	19.65
111.26	-50.88	16.19
145.52	-54.37	13.88
163.18	-56.51	12.69
176.93	-59.74	12.03

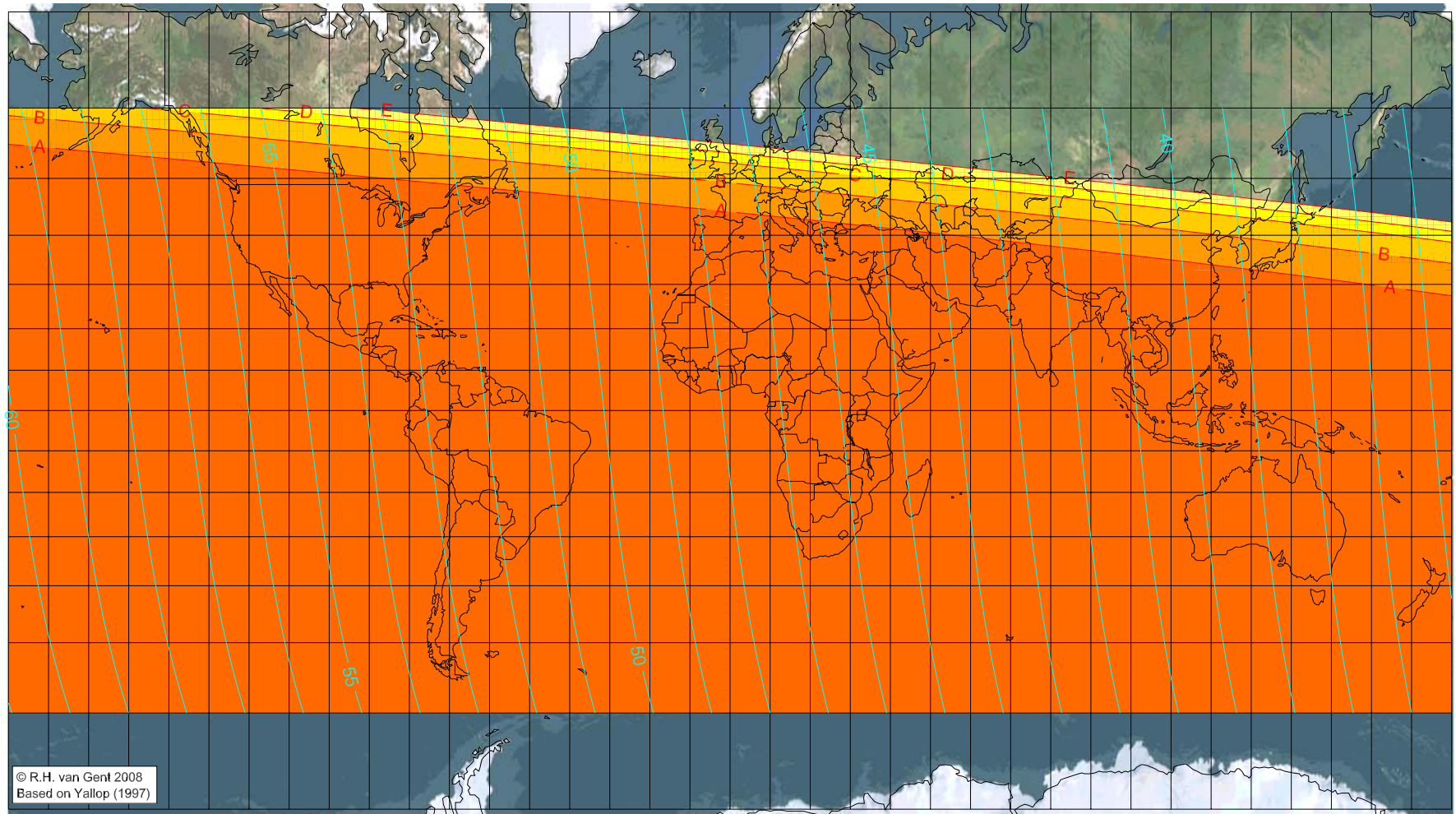
Lunar age (in hours) is given for the 'best time', defined as the moment that lies 4/9ths in the interval between sunset and moonset

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

First visibility lunar crescent for Shawwāl 1430 AH

Global visibility map for 20 September 2009 [Sunday]

Second day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 18 September 2009, 18h 44.2m (UT)

$\Delta T = 66.0$ sec

Astronomical Lunation Number 1073

Islamic Lunation Number 17158

- 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/>