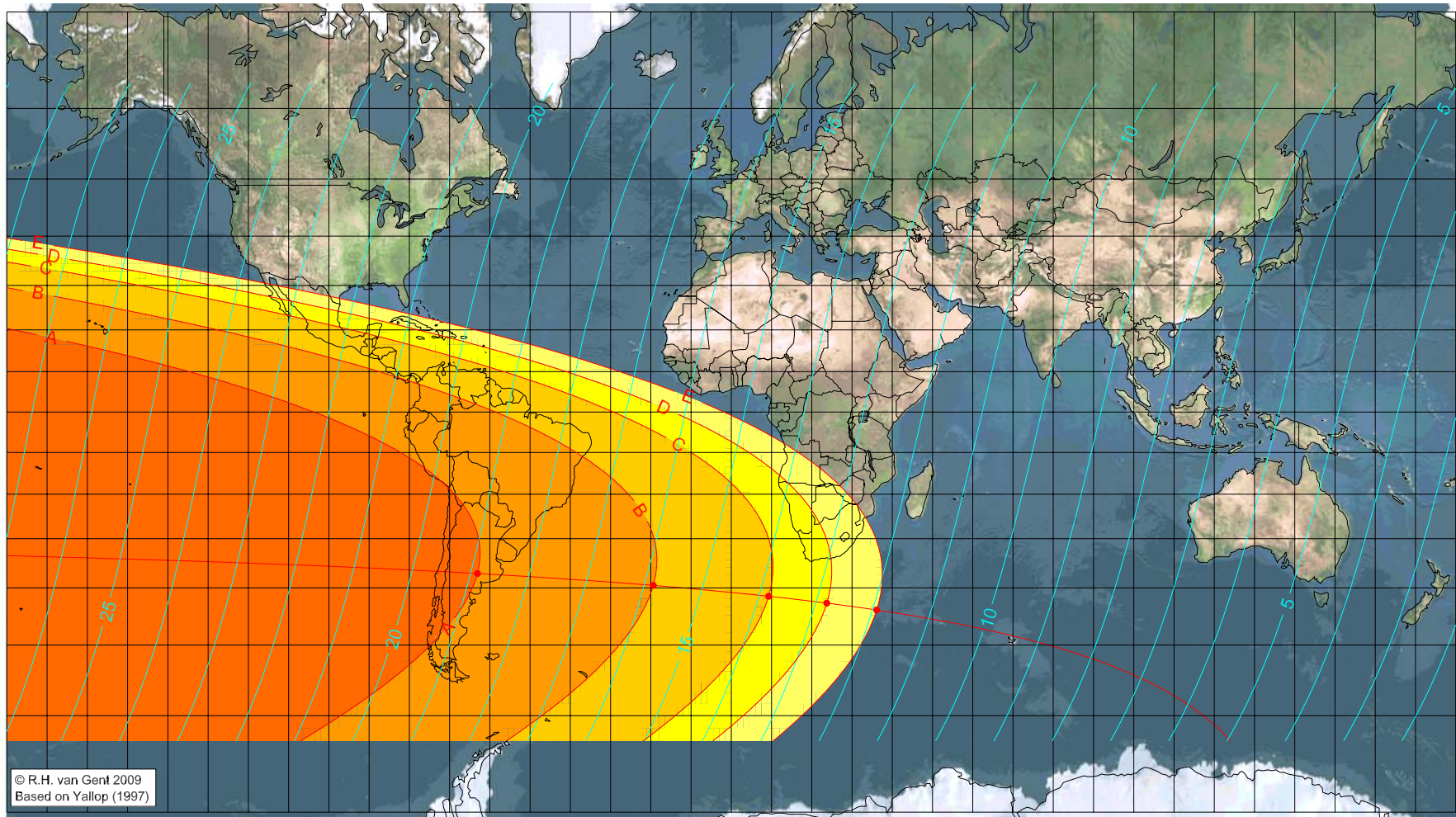


First visibility lunar crescent for Ramaḍān 1431 AH

Global visibility map for 10 August 2010 [Tuesday]

Day of luni-solar conjunction



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

Astronomical New Moon: 10 August 2010, 3h 8.0m (UTC)

$\Delta T = 66.8$ sec

First visibility (●)

Astronomical Lunation Number 1084

Islamic Lunation Number 17169

- 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°)

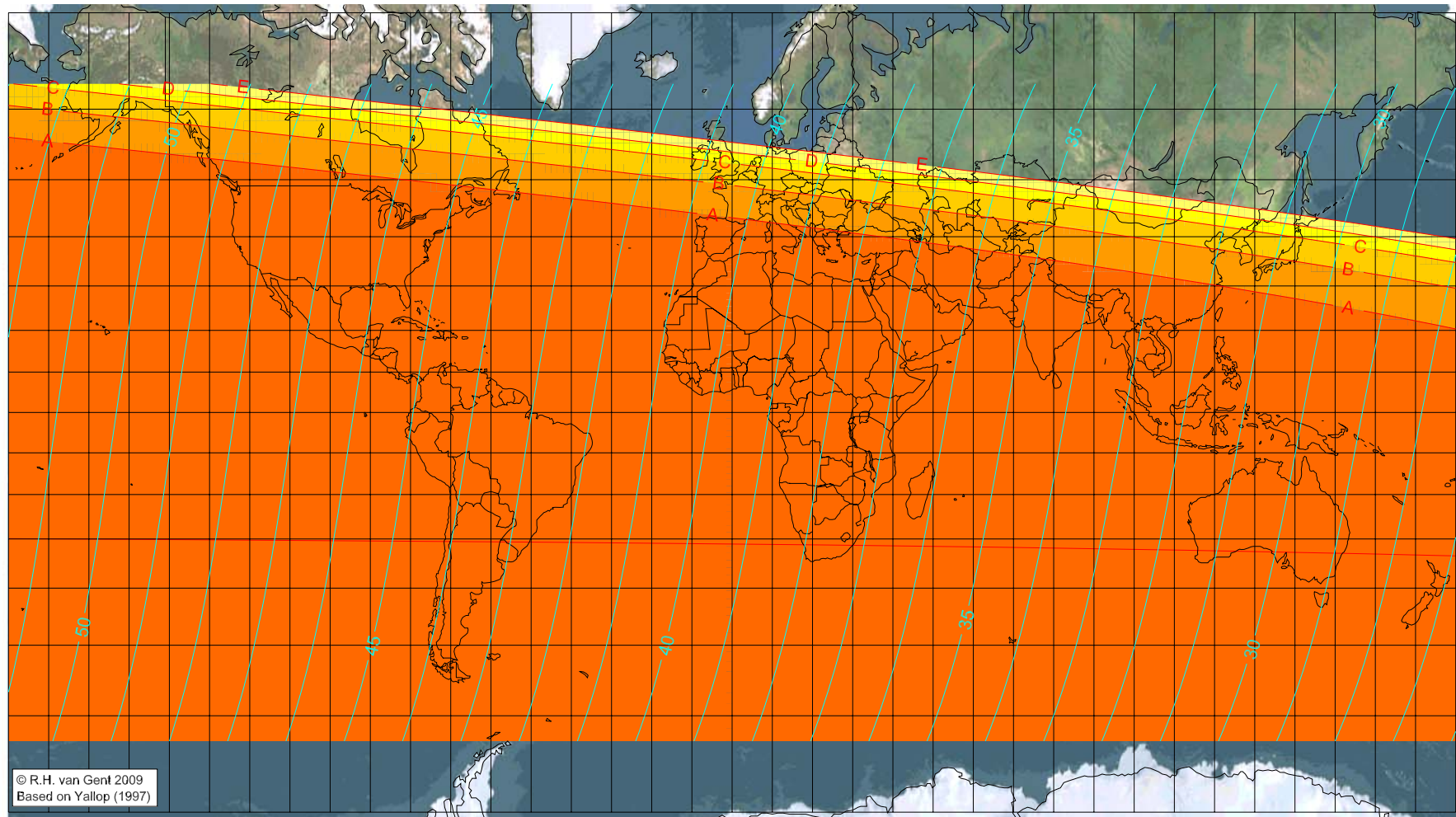
Longitude (°)	Latitude (°)	Lunar age (h)
-63.08	-37.20	18.88
-19.38	-39.51	15.84
9.28	-41.57	13.83
23.72	-42.83	12.81
36.12	-44.07	11.93

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 Ramaḍān 1431 AH

Global visibility map for 11 August 2010 [Wednesday]
Day after luni-solar conjunction



Astronomical New Moon: 10 August 2010, 3h 8.0m (UTC)
 $\Delta T = 66.8$ sec

First visibility (●)

Astronomical Lunation Number 1084
Islamic Lunation Number 17169

- 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)
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

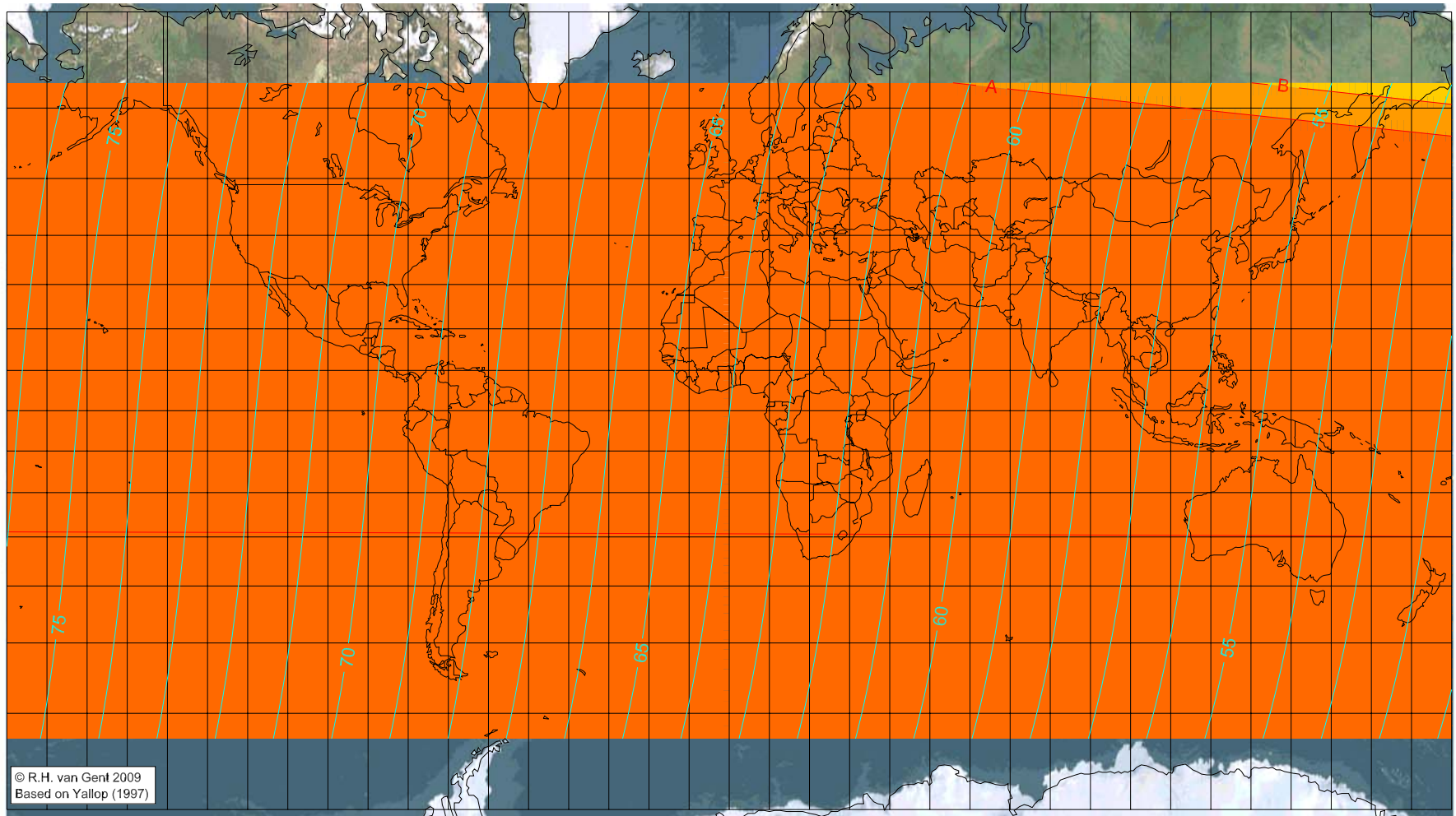
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

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

First visibility lunar crescent for Ramaḍān 1431 AH

Global visibility map for 12 August 2010 [Thursday]

Second day after luni-solar conjunction



Astronomical New Moon: 10 August 2010, 3h 8.0m (UTC)

$\Delta T = 66.8$ sec

Astronomical Lunation Number 1084

Islamic Lunation Number 17169

- 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 4/9ths between sunset and moonset

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