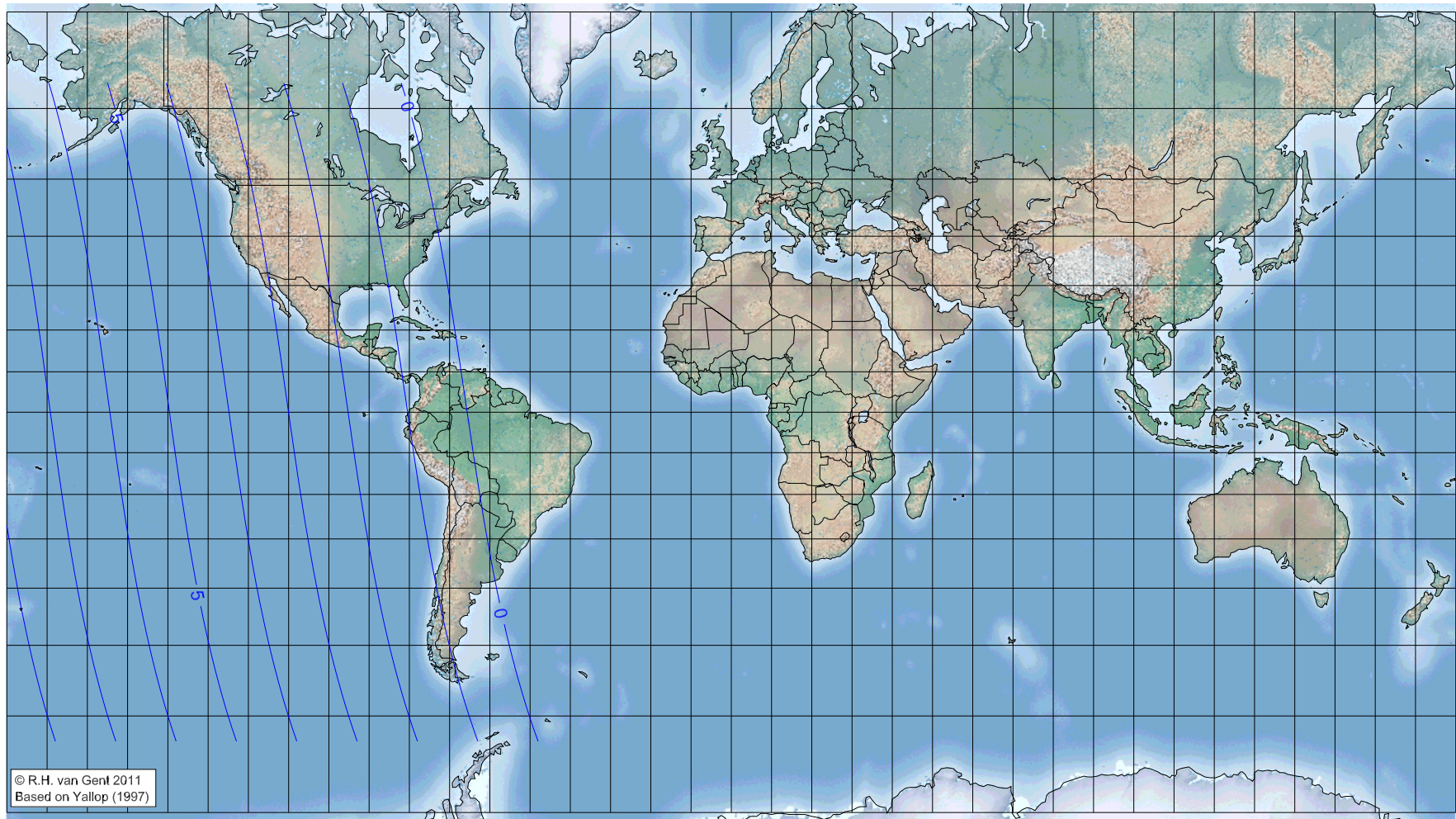


First visibility lunar crescent for Rabī al-Ākhir 1433 AH

Global visibility map for 21 February 2012 [Tuesday]

Day of luni-solar conjunction



Astronomical New Moon: 21 February 2012, 22h 34.6m (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 = 1103

Islamic Lunation Number = 17188

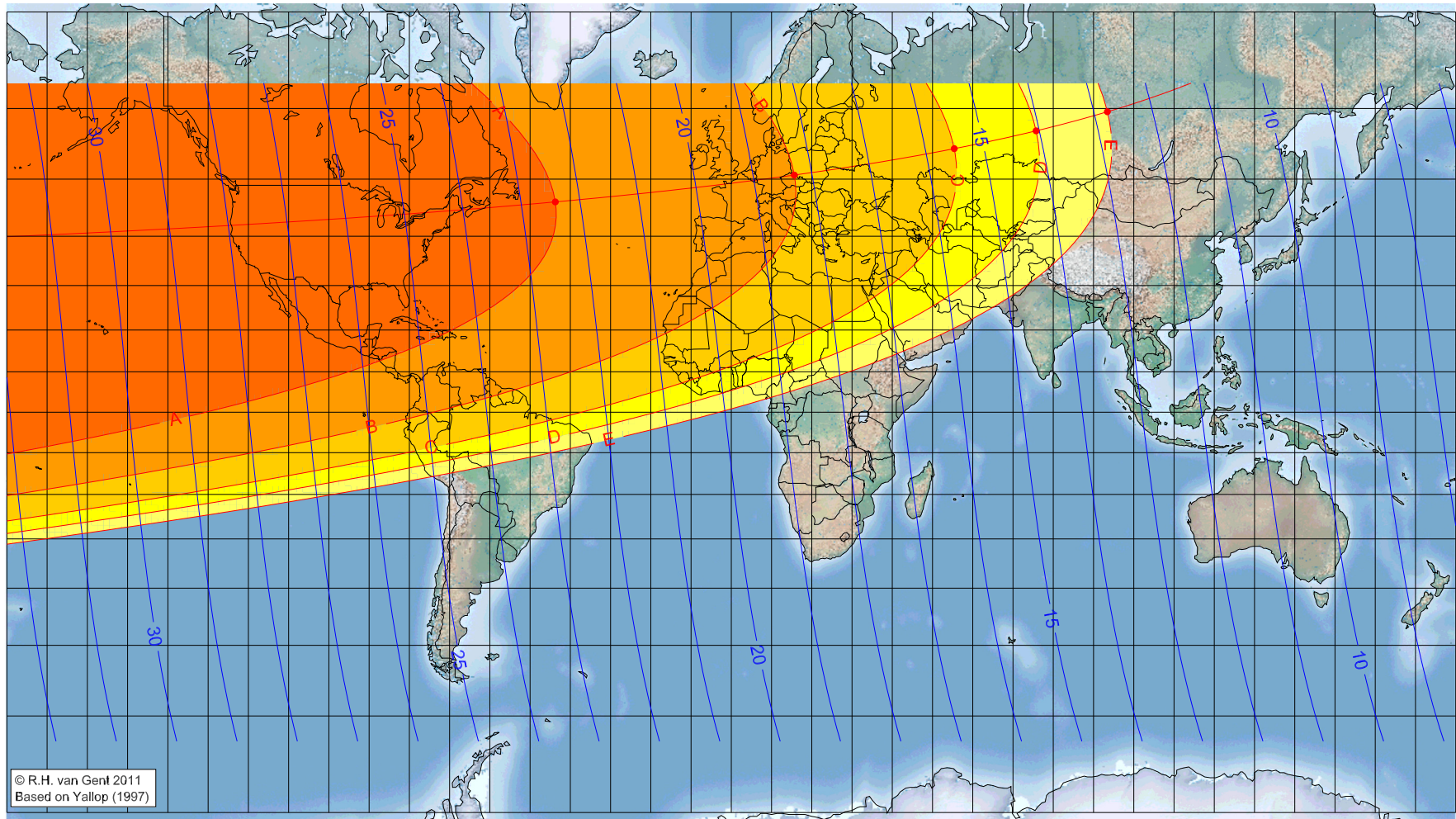
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

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

First visibility lunar crescent for Rabī al-Ākhir 1433 AH

Global visibility map for 22 February 2012 [Wednesday]

Day after luni-solar conjunction



Astronomical New Moon: 21 February 2012, 22h 34.6m (UTC)

$\Delta T = 1.1$ min

First visibility (●)

| Longitude (°) | Latitude (°) | Lunar age (h) |
|---------------|--------------|---------------|
| -43.73 | 46.22 | 22.42 |
| 15.65 | 50.64 | 18.30 |
| 55.39 | 54.62 | 15.51 |
| 75.74 | 57.10 | 14.05 |
| 93.44 | 59.59 | 12.77 |

- 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

Astronomical (Brown) Lunation Number = 1103

Islamic Lunation Number = 17188

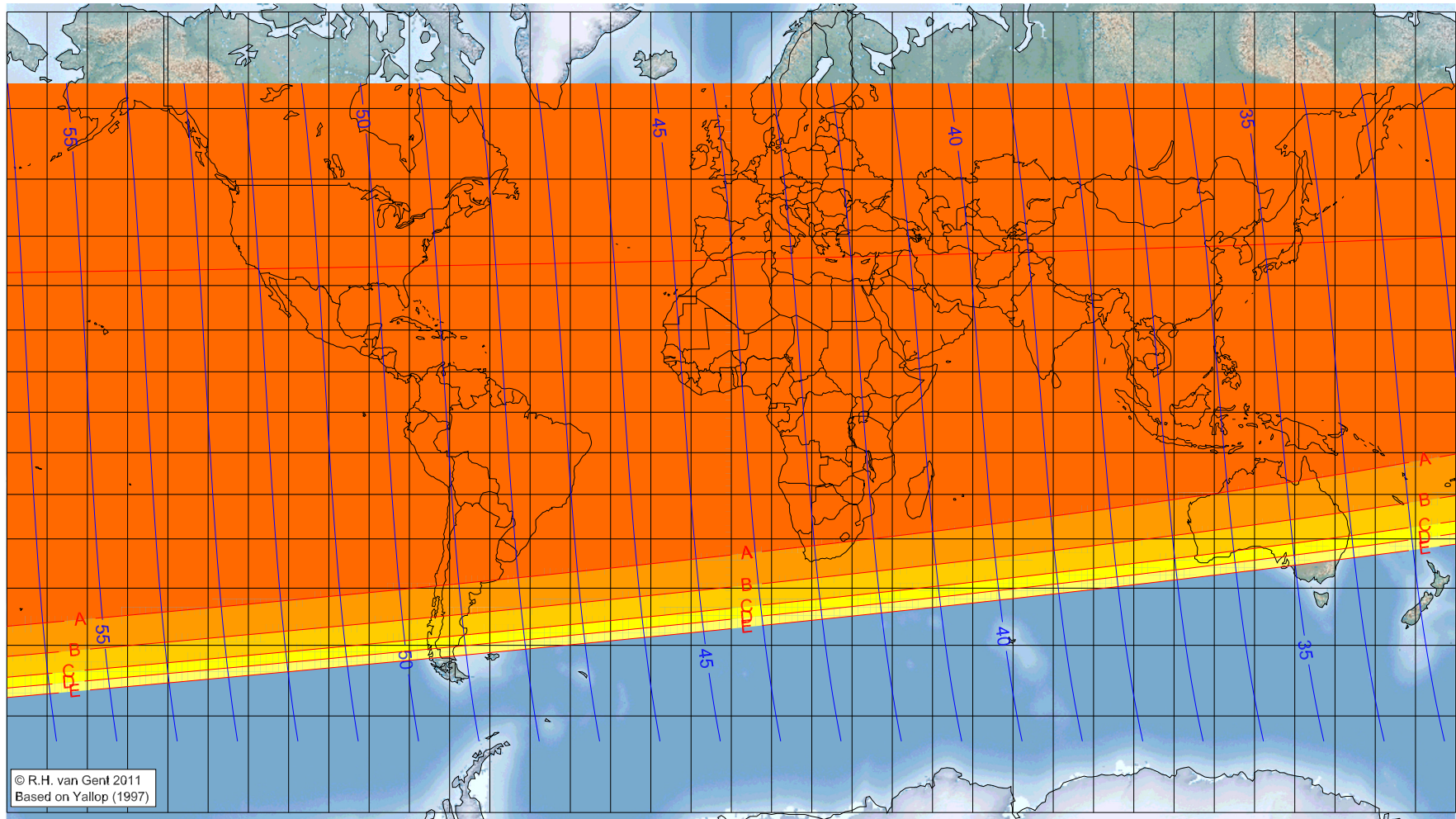
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

First visibility lunar crescent for Rabī al-Ākhir 1433 AH

Global visibility map for 23 February 2012 [Thursday]

Second day after luni-solar conjunction



Astronomical New Moon: 21 February 2012, 22h 34.6m (UTC)

$\Delta T = 1.1$ min

Astronomical (Brown) Lunation Number = 1103

Islamic Lunation Number = 17188

- 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

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/>