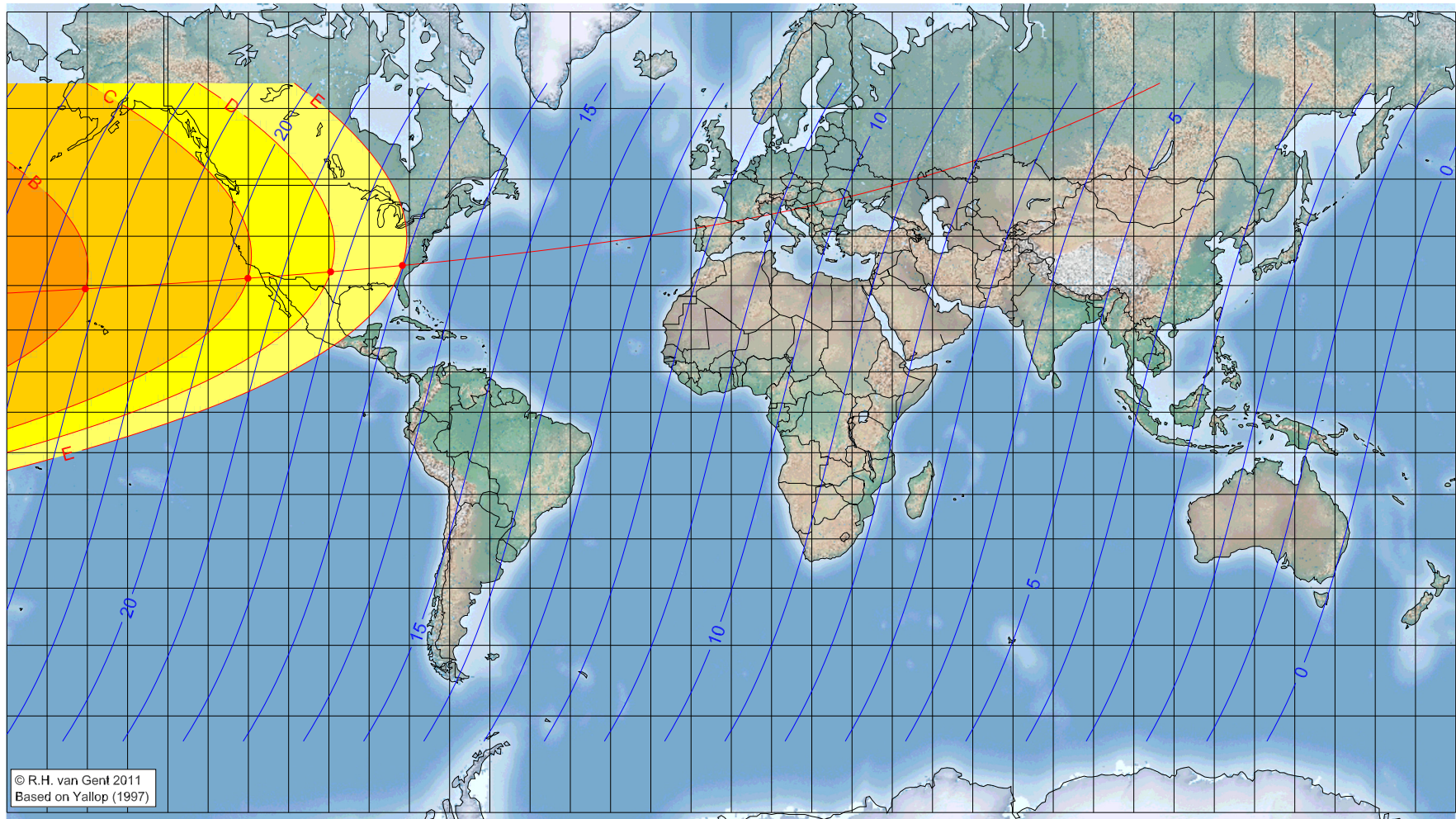


First visibility lunar crescent for Jumādā 'l-Ākhira 1433 AH

Global visibility map for 21 April 2012 [Saturday]

Day of luni-solar conjunction



Astronomical New Moon: 21 April 2012, 7h 18.3m (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

-160.51	29.29	22.24
-120.11	31.55	19.56
-99.55	32.90	18.20
-81.73	34.22	17.03

Astronomical (Brown) Lunation Number = 1105

Islamic Lunation Number = 17190

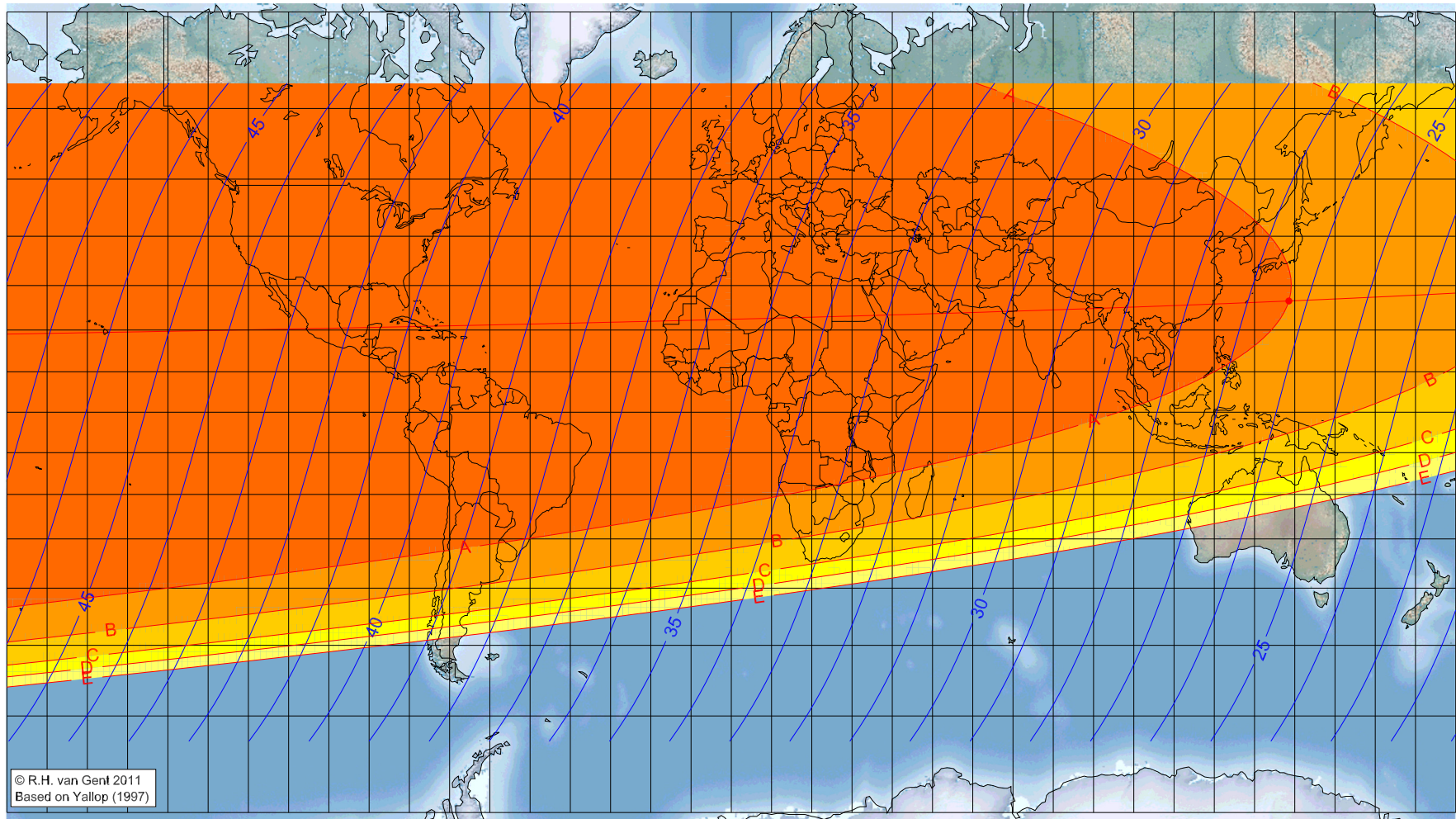
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

First visibility lunar crescent for Jumādā 'l-Ākhira 1433 AH

Global visibility map for 22 April 2012 [Sunday]

Day after luni-solar conjunction



Astronomical New Moon: 21 April 2012, 7h 18.3m (UTC)

$\Delta T = 1.1$ min

First visibility (●)

Longitude (°) Latitude (°) Lunar age (h)

138.54 26.62 26.31
visible on the previous evening
visible on the previous evening
visible on the previous evening
visible on the previous evening

- 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 = 1105

Islamic Lunation Number = 17190

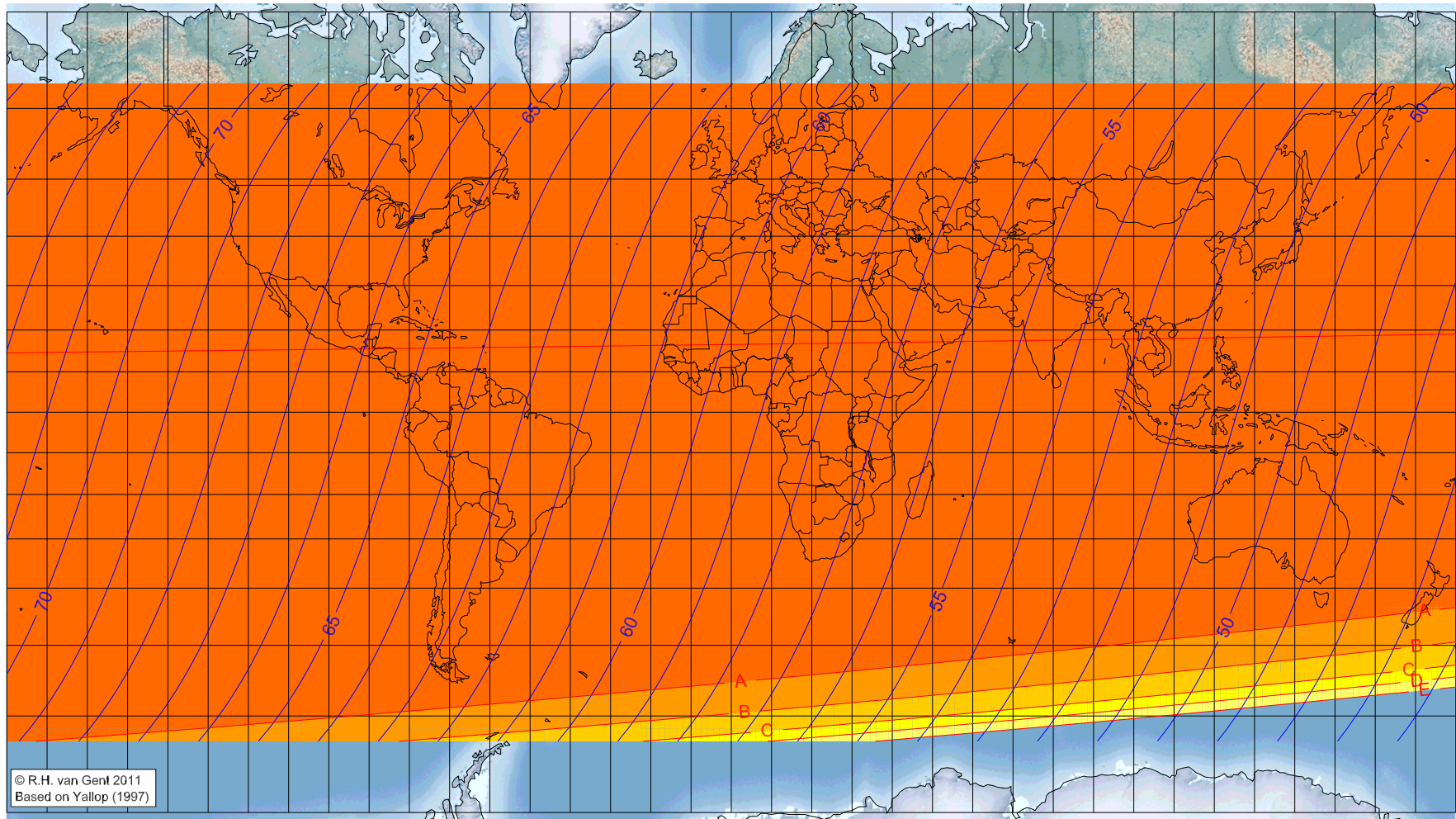
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

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

First visibility lunar crescent for Jumādā 'l-Ākhira 1433 AH

Global visibility map for 23 April 2012 [Monday]

Second day after luni-solar conjunction



Astronomical New Moon: 21 April 2012, 7h 18.3m (UTC)

$\Delta T = 1.1$ min

Astronomical (Brown) Lunation Number = 1105

Islamic Lunation Number = 17190

- 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/>