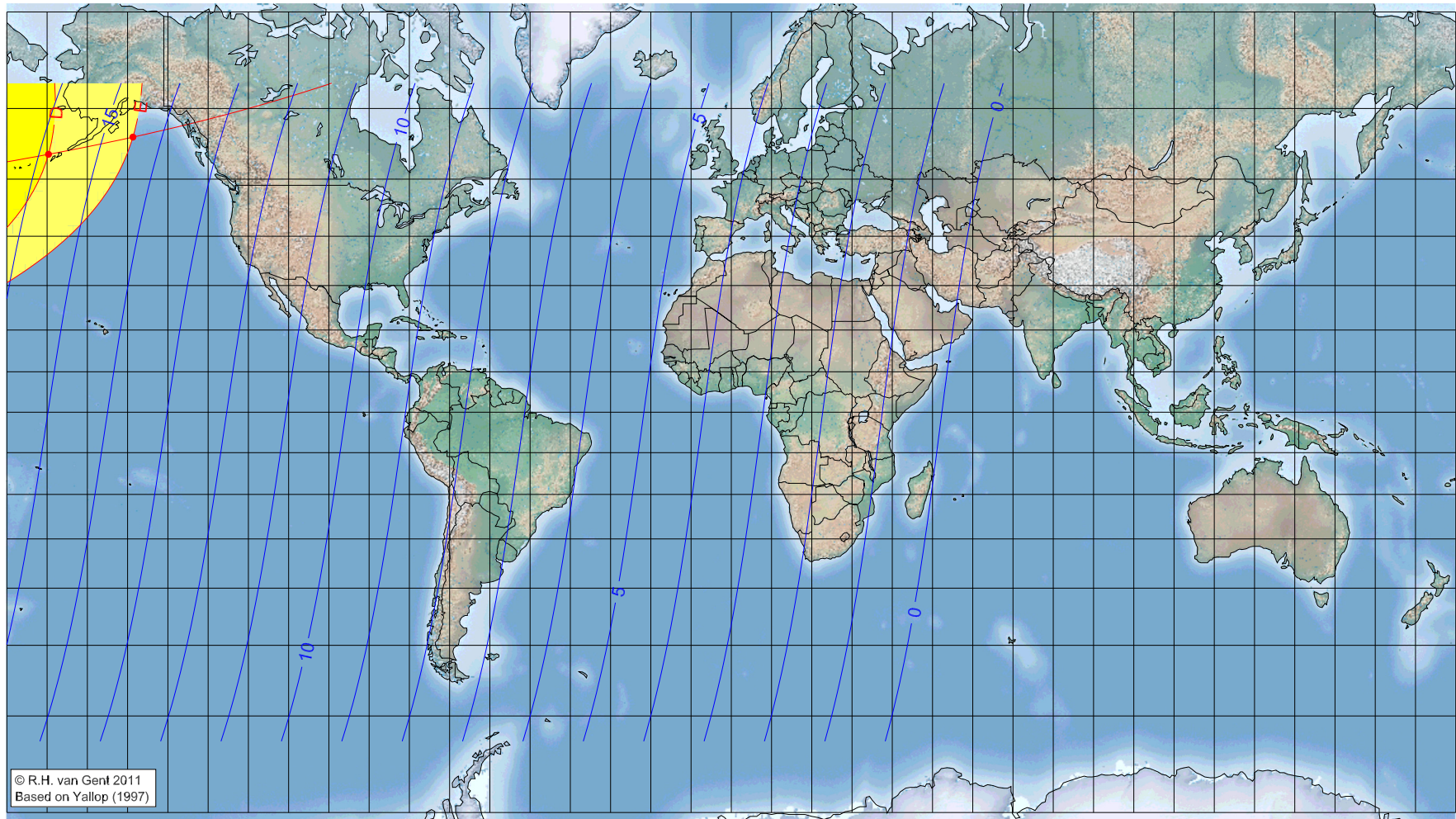


First visibility lunar crescent for Jumādā 'l-Ūlā 1432 AH

Global visibility map for 3 April 2011 [Sunday]

Day of luni-solar conjunction



© R.H. van Gent 2011
Based on Yallop (1997)

Astronomical New Moon: 3 April 2011, 14h 32.3m (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

not visible until the next evening
not visible until the next evening
not visible until the next evening
-169.66 53.80 15.84
-148.68 56.25 14.49

Astronomical (Brown) Lunation Number = 1092

Islamic Lunation Number = 17177

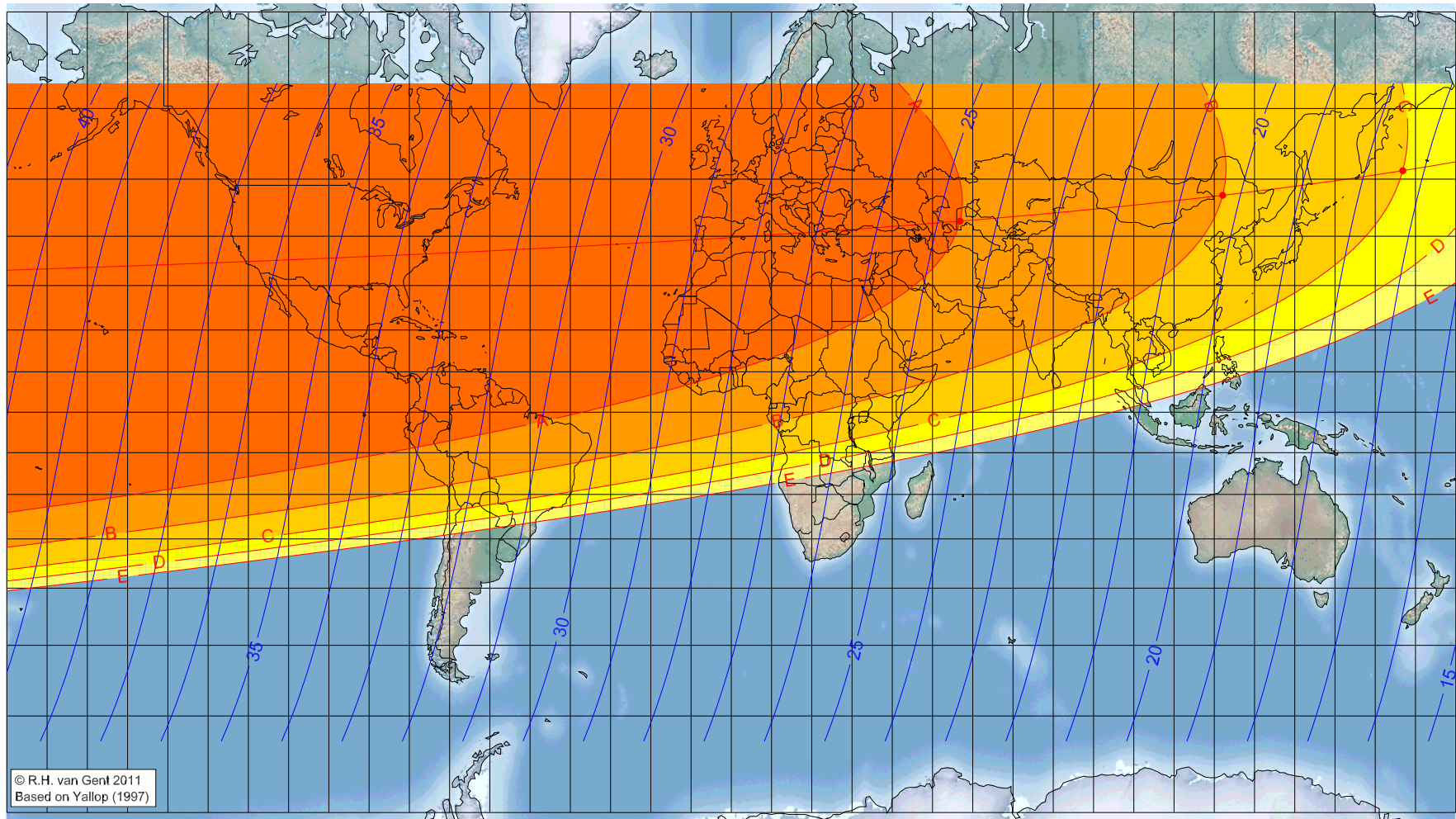
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

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

First visibility lunar crescent for Jumādā 'l-Ūlā 1432 AH

Global visibility map for 4 April 2011 [Monday]

Day after luni-solar conjunction



Astronomical New Moon: 3 April 2011, 14h 32.3m (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

56.85	42.81	24.63
122.09	47.34	20.30
166.83	51.33	17.36
visible on the previous evening		
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1092

Islamic Lunation Number = 17177

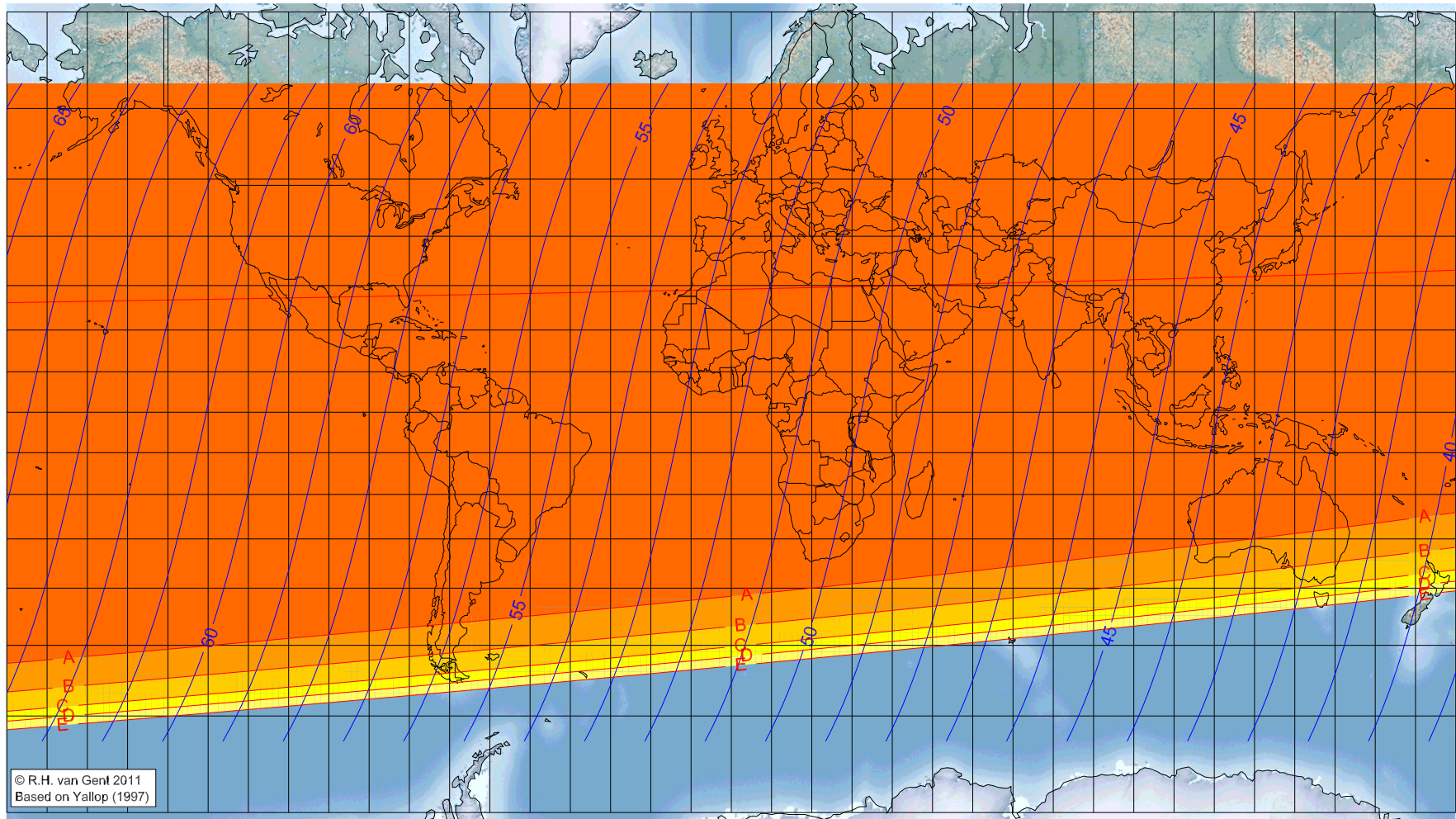
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

First visibility lunar crescent for Jumādā 'l-Ūlā 1432 AH

Global visibility map for 5 April 2011 [Tuesday]

Second day after luni-solar conjunction



Astronomical New Moon: 3 April 2011, 14h 32.3m (UTC)

$\Delta T = 1.1$ min

Astronomical (Brown) Lunation Number = 1092

Islamic Lunation Number = 17177

- 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/>