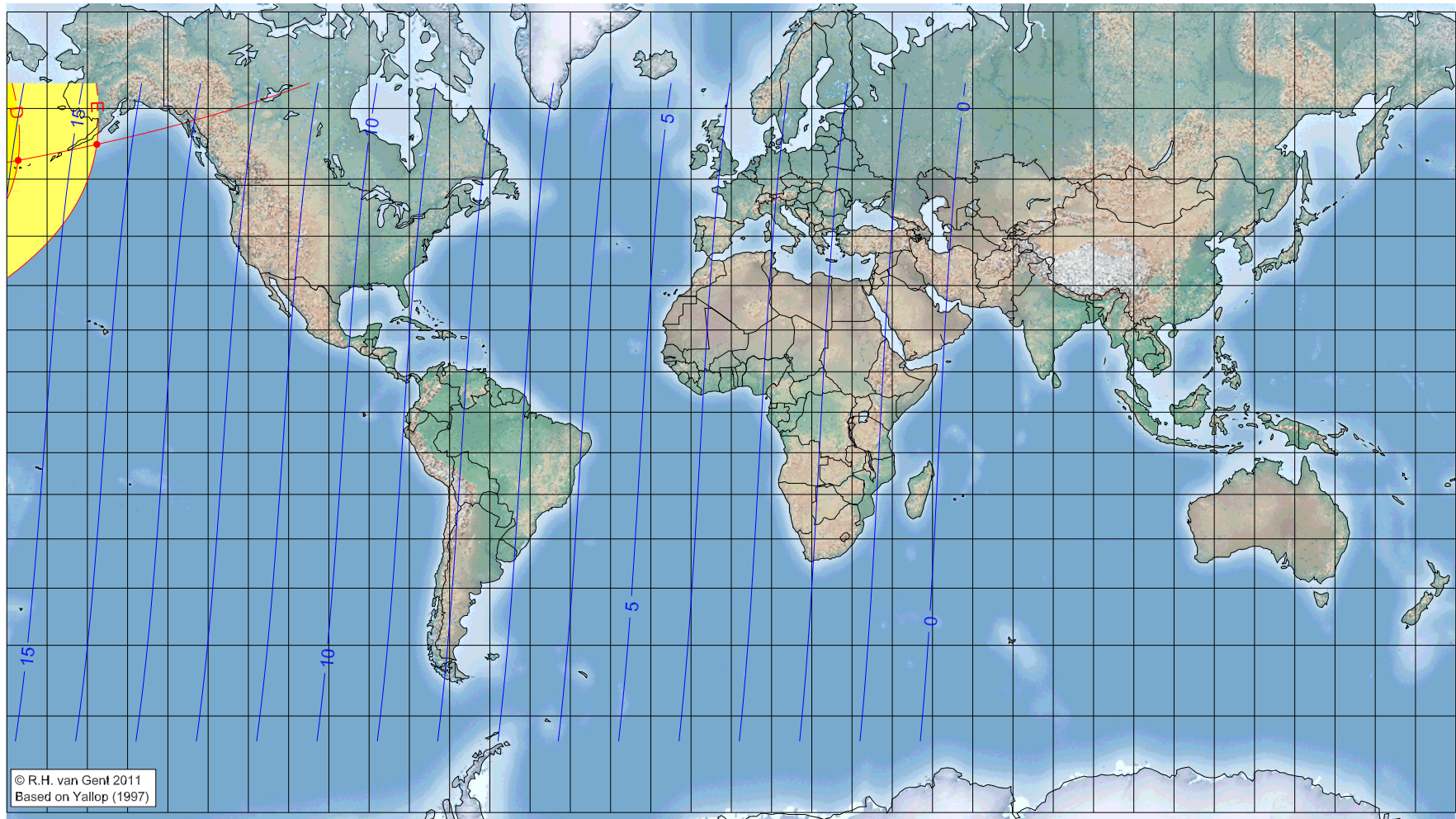


First visibility lunar crescent for Jumādā 'l-Ūlā 1433 AH

Global visibility map for 22 March 2012 [Thursday]

Day of luni-solar conjunction



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

Astronomical New Moon: 22 March 2012, 14h 37.1m (UTC)

$\Delta T = 1.1$ min

First visibility (●)

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

			not visible until the next evening
			not visible until the next evening
			not visible until the next evening
-177.20	52.90	15.89	
-157.66	55.23	14.60	

- 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 = 1104

Islamic Lunation Number = 17189

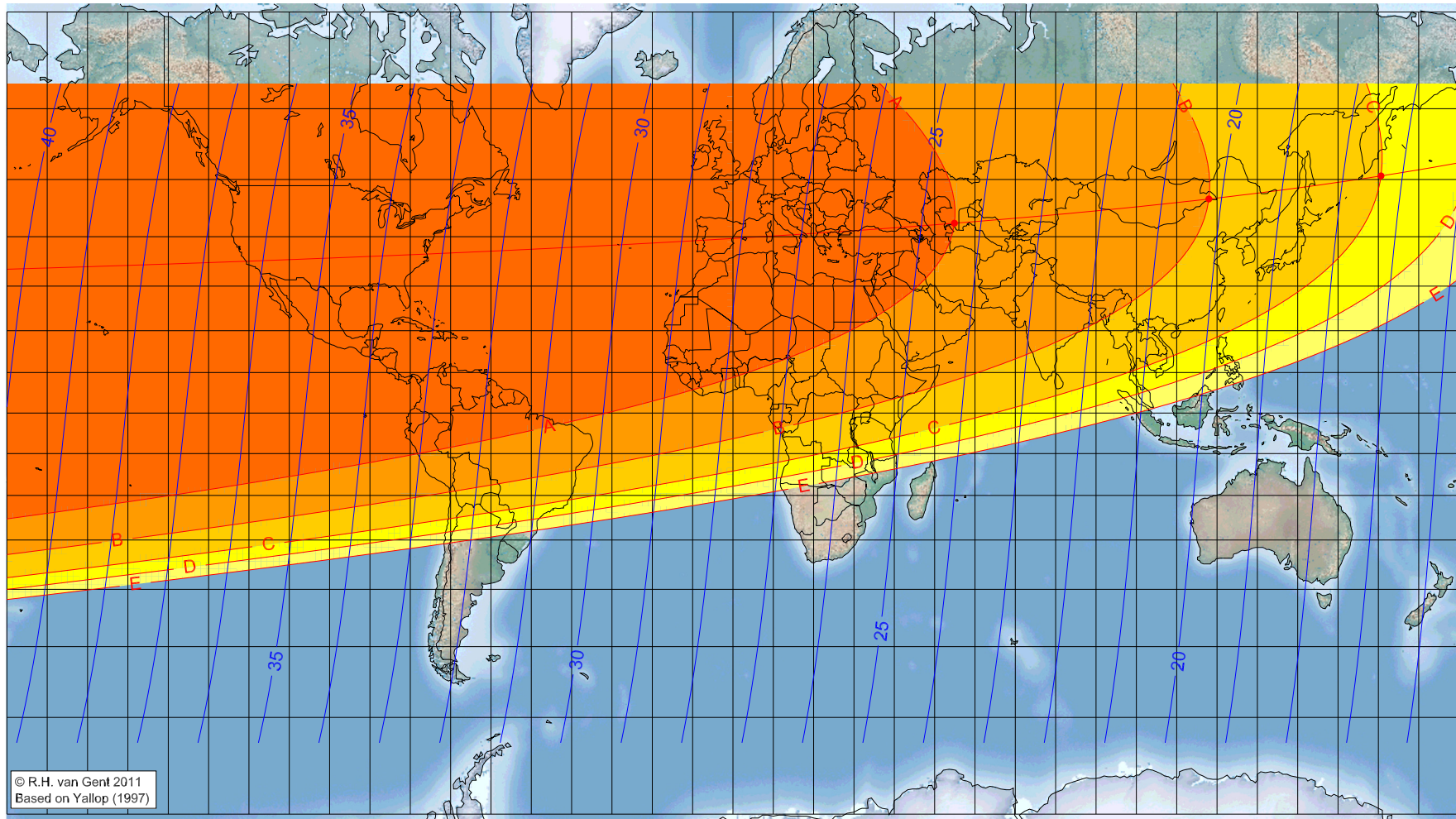
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

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

Global visibility map for 23 March 2012 [Friday]

Day after luni-solar conjunction



Astronomical New Moon: 22 March 2012, 14h 37.1m (UTC)

$\Delta T = 1.1$ min

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
54.90	42.52	24.45
117.98	46.79	20.21
160.65	50.57	17.36
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 = 1104

Islamic Lunation Number = 17189

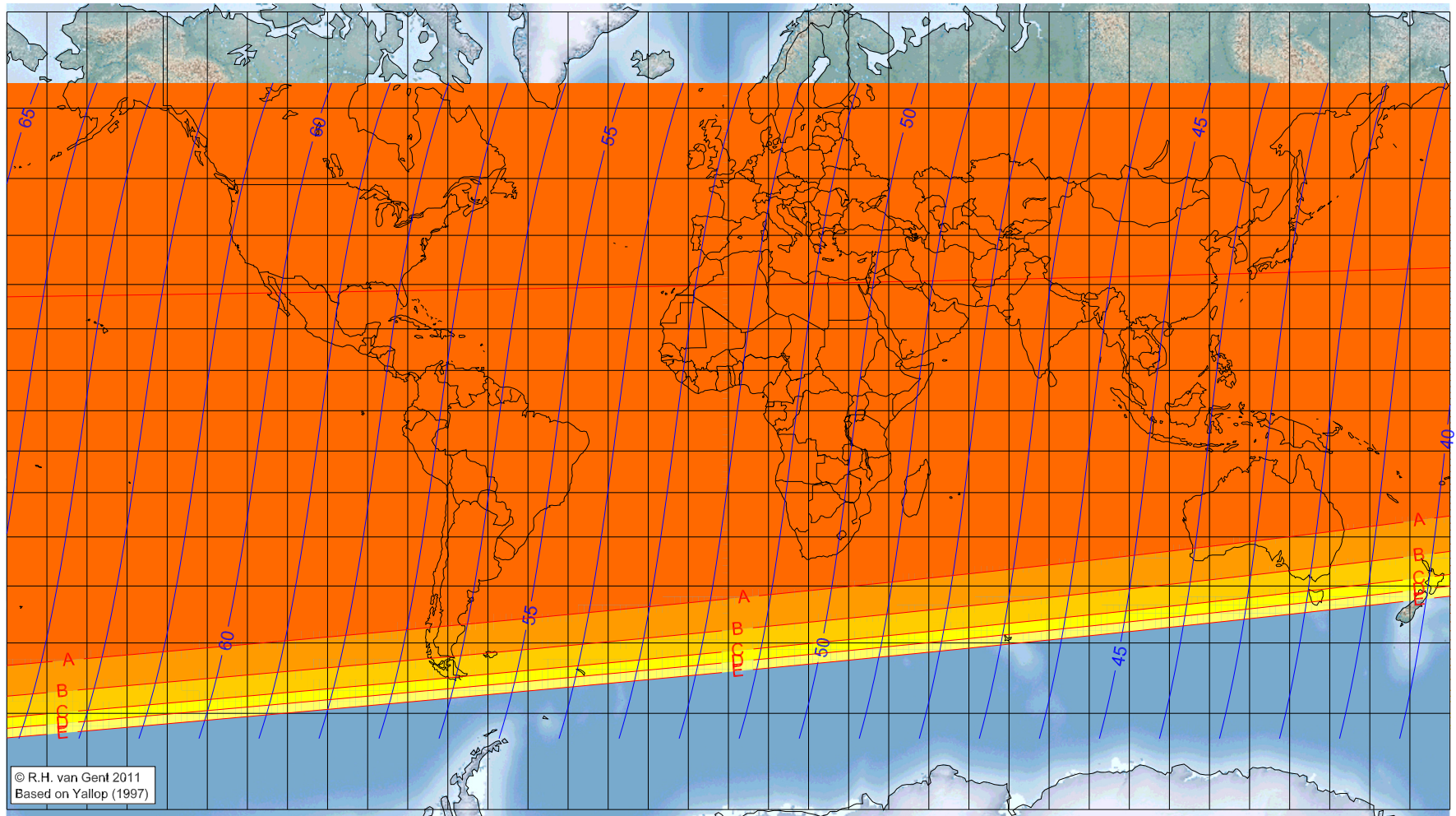
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

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

Global visibility map for 24 March 2012 [Saturday]

Second day after luni-solar conjunction



Astronomical New Moon: 22 March 2012, 14h 37.1m (UTC)

$\Delta T = 1.1$ min

Astronomical (Brown) Lunation Number = 1104

Islamic Lunation Number = 17189

- 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/>