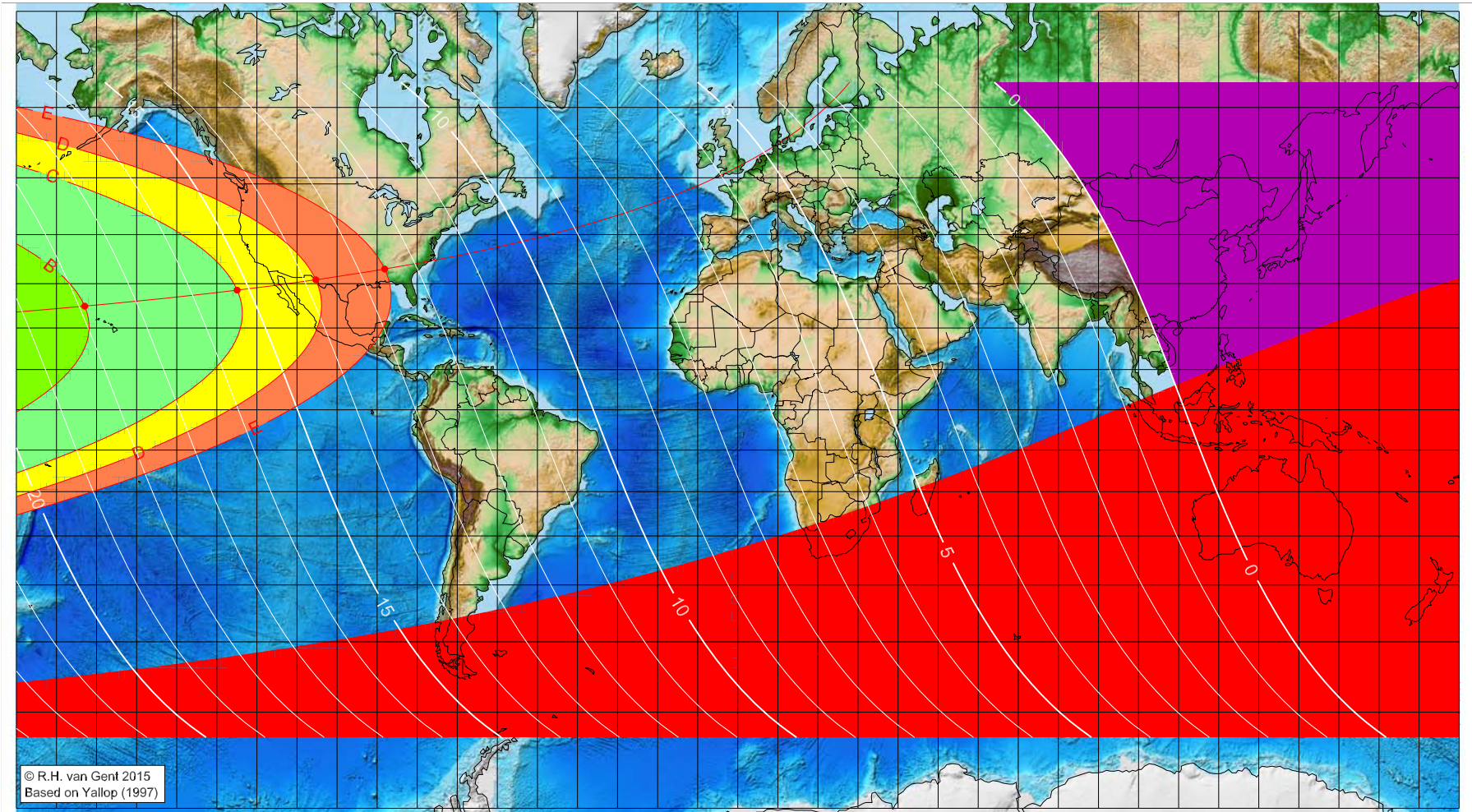


First visibility lunar crescent for Rabīʿ al-Awwal 1437 AH

Global visibility map for 11 December 2015 [Friday]
Day of luni-solar conjunction



Astronomical New Moon: 11 December 2015, 10h 29.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1150

Islamic Lunation Number = 17235

TT - UT [= ΔT] = 1.1 min

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)

Longitude (°)	Latitude (°)	Lunar age (h)
-162.97	25.03	17.90
-124.93	28.59	15.21
-105.31	30.84	13.80
-88.11	33.11	12.55

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

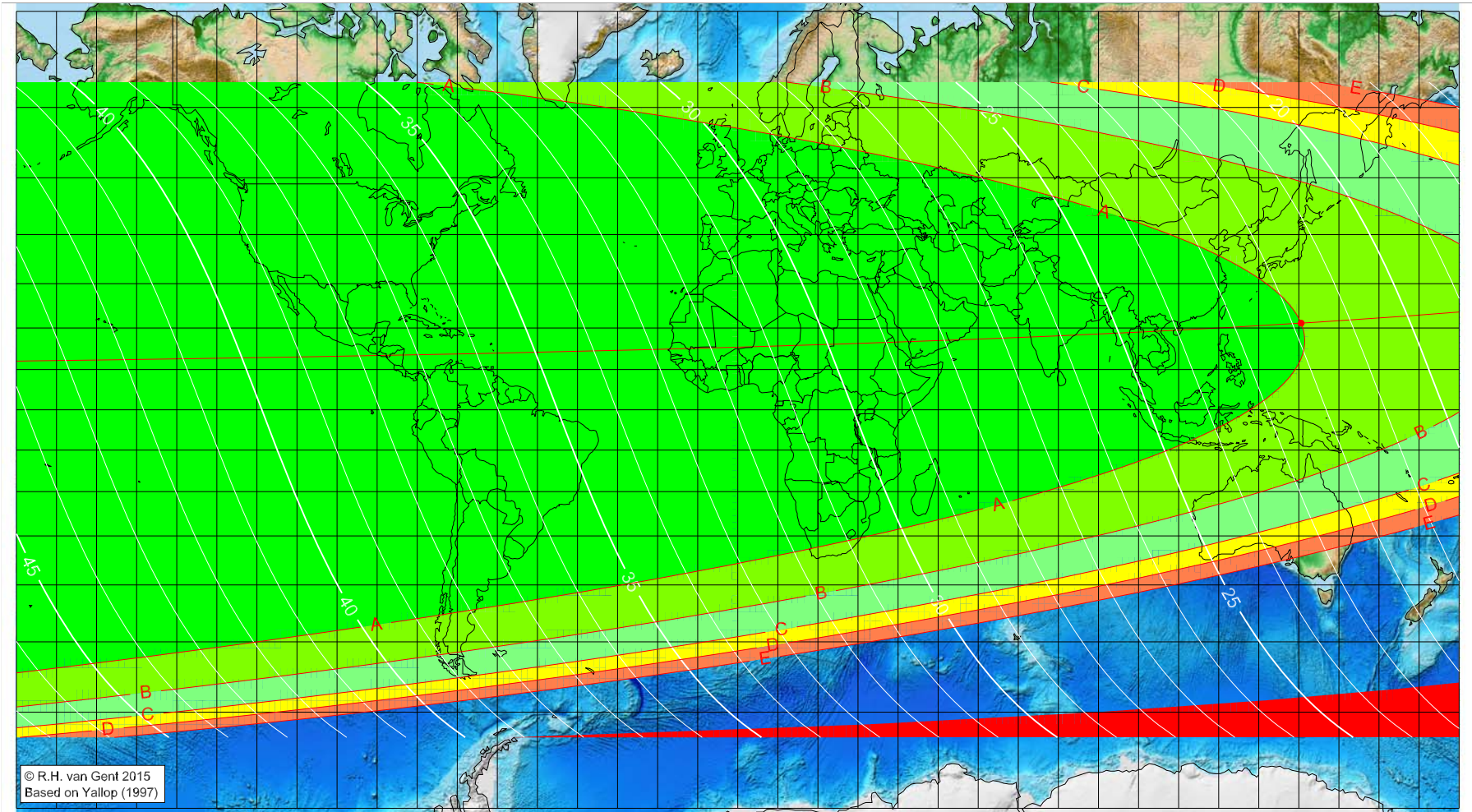
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rabīʿ al-Awwal 1437 AH

Global visibility map for 12 December 2015 [Saturday]
Day after luni-solar conjunction



Astronomical New Moon: 11 December 2015, 10h 29.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1150
Islamic Lunation Number = 17235
TT - UT [= ΔT] = 1.1 min

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

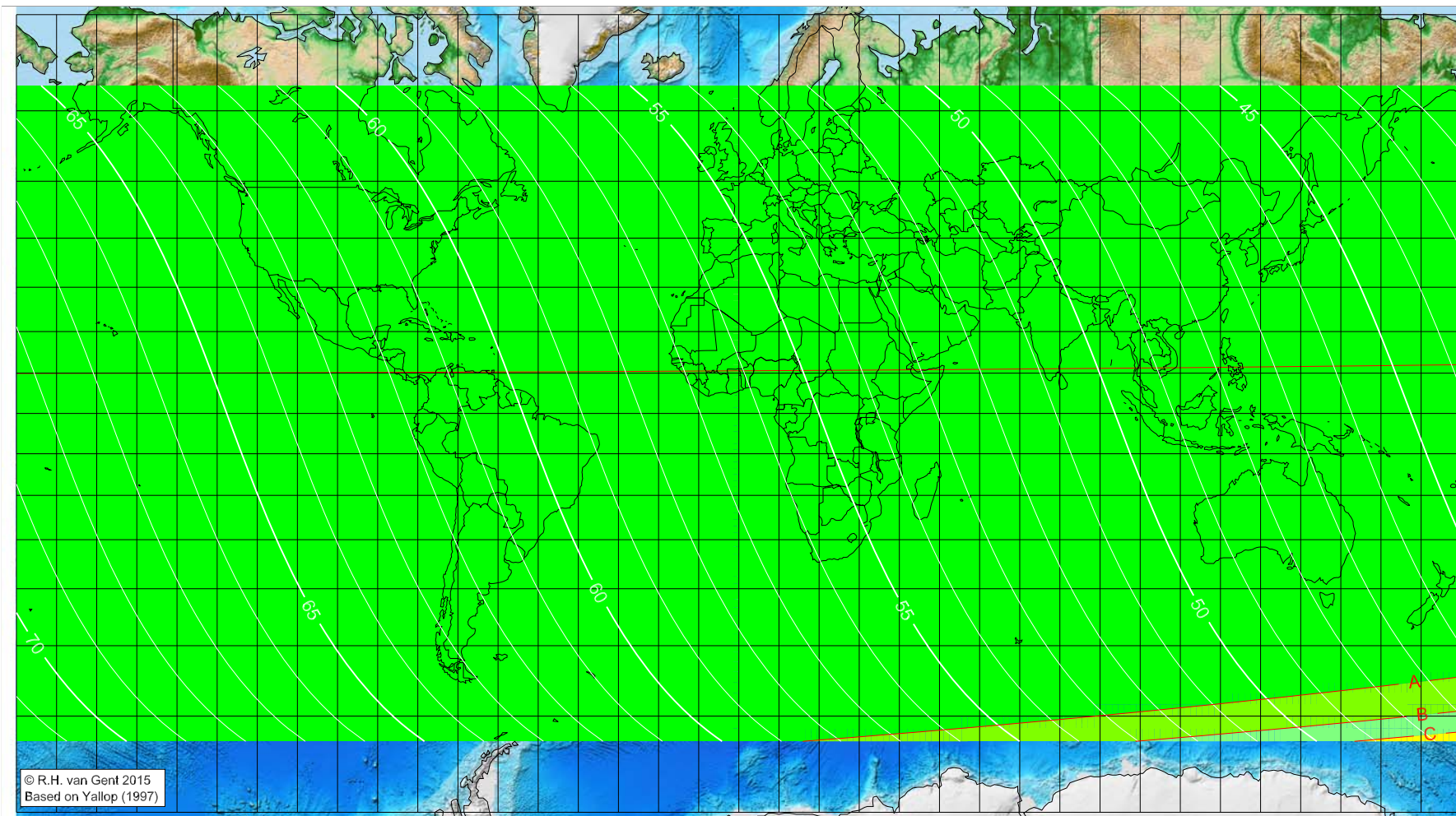
Longitude (°)	Latitude (°)	Lunar age (h)
140.57	21.12	21.85
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening

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

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

First visibility lunar crescent for Rabīʿ al-Awwal 1437 AH

Global visibility map for 13 December 2015 [Sunday]
Second day after luni-solar conjunction



Astronomical New Moon: 11 December 2015, 10h 29.4m (UTC)

- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1150
Islamic Lunation Number = 17235
TT – UT [= ΔT] = 1.1 min

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/>