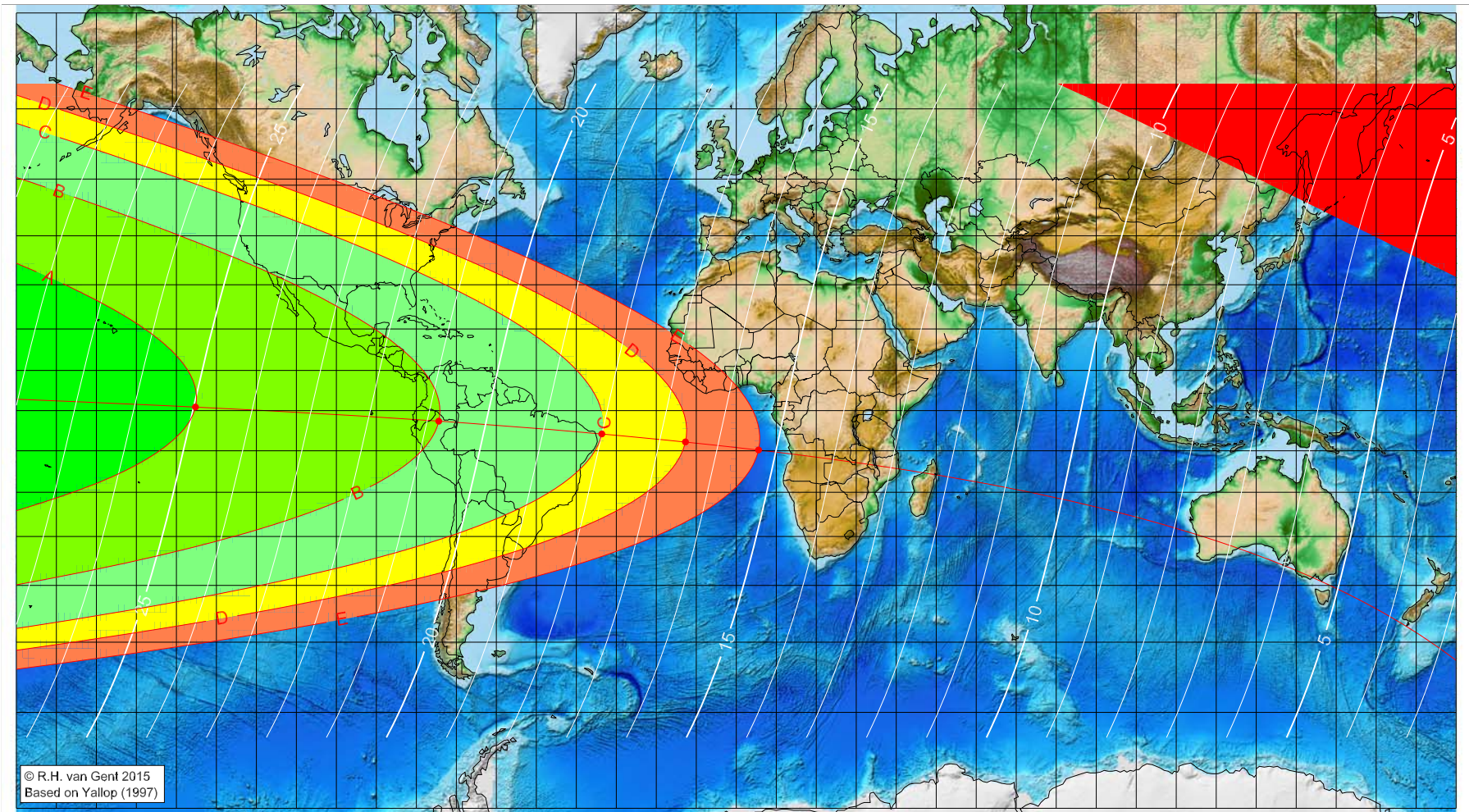


First visibility lunar crescent for Ramaḍān 1441 AH

Global visibility map for 23 April 2020 [Thursday]
Day of luni-solar conjunction



Astronomical New Moon: 23 April 2020, 2h 25.8m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1204

Islamic Lunation Number = 17289

TT - UT [= ΔT] = 1.2 min

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

- 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)
-135.23	0.90	24.97
-74.40	-2.64	20.80
-33.63	-5.82	18.00
-12.71	-7.81	16.56
5.57	-9.80	15.30

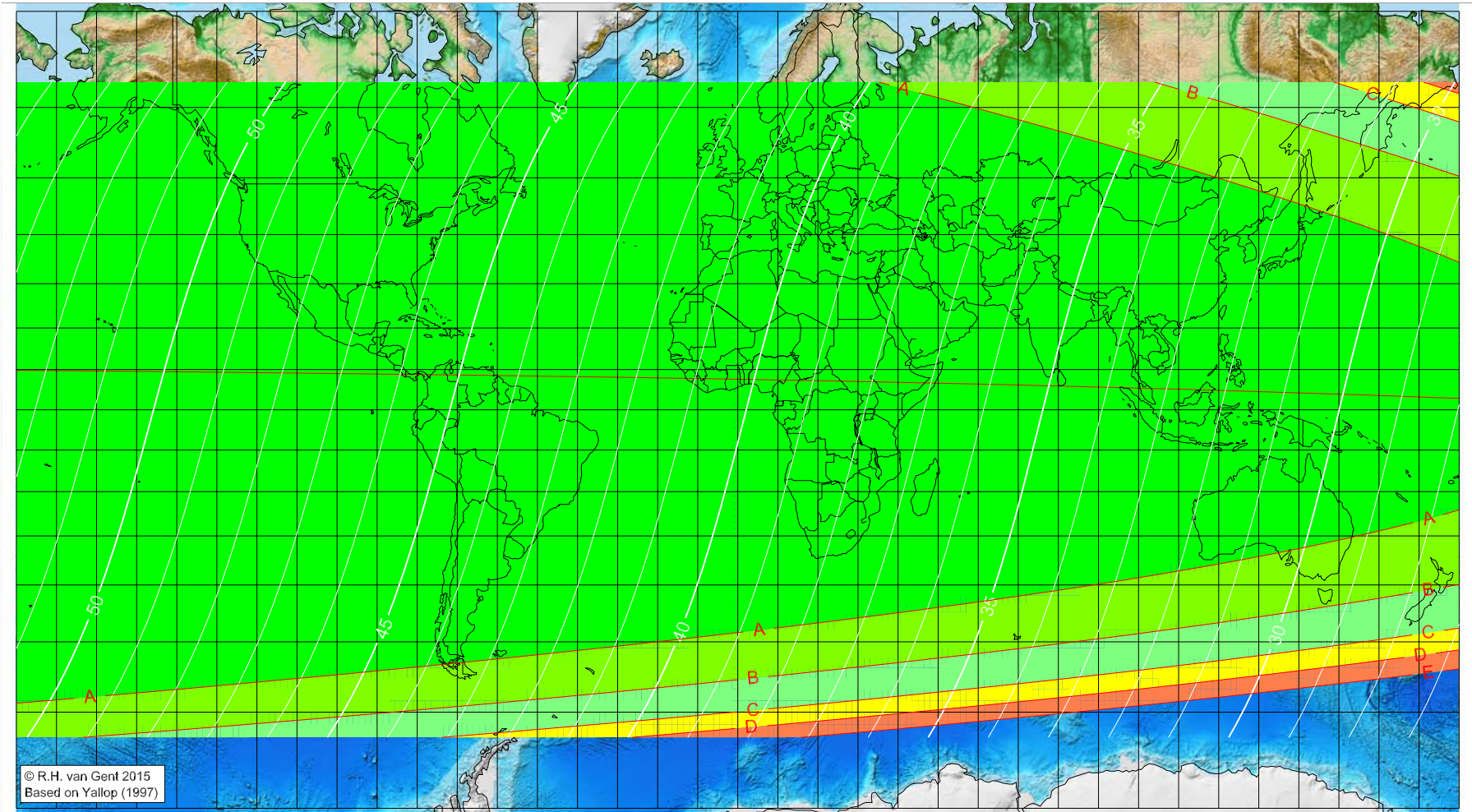
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Ramaḍān 1441 AH

Global visibility map for 24 April 2020 [Friday]
Day after luni-solar conjunction



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Based on Yallop (1997)

Astronomical New Moon: 23 April 2020, 2h 25.8m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1204
Islamic Lunation Number = 17289
TT - UT [= ΔT] = 1.2 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)

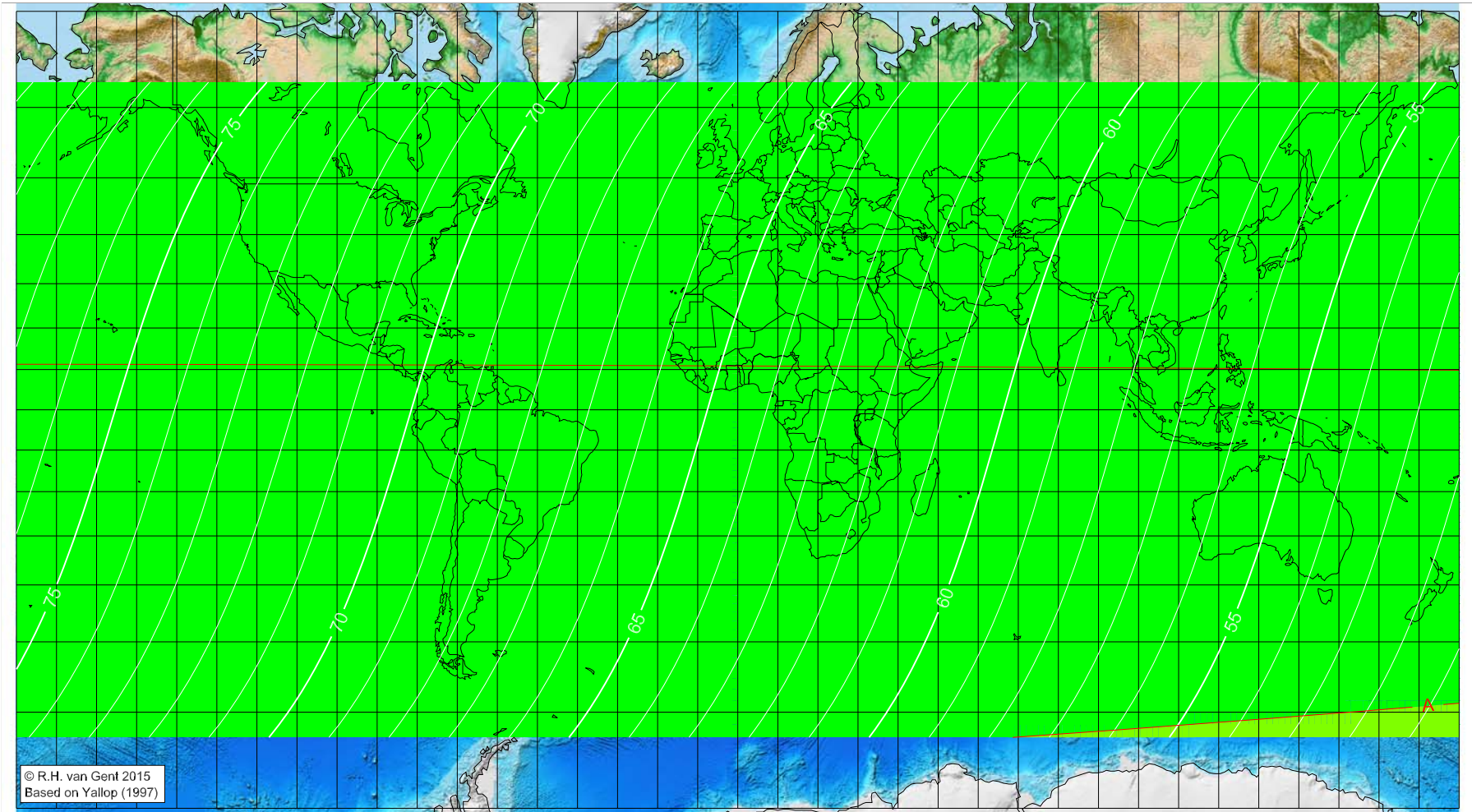
Longitude (°)	Latitude (°)	Lunar age (h)
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening
		visible on the previous evening

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 Ramaḍān 1441 AH

Global visibility map for 25 April 2020 [Saturday]
Second day after luni-solar conjunction



Astronomical New Moon: 23 April 2020, 2h 25.8m (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 = 1204
Islamic Lunation Number = 17289
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>