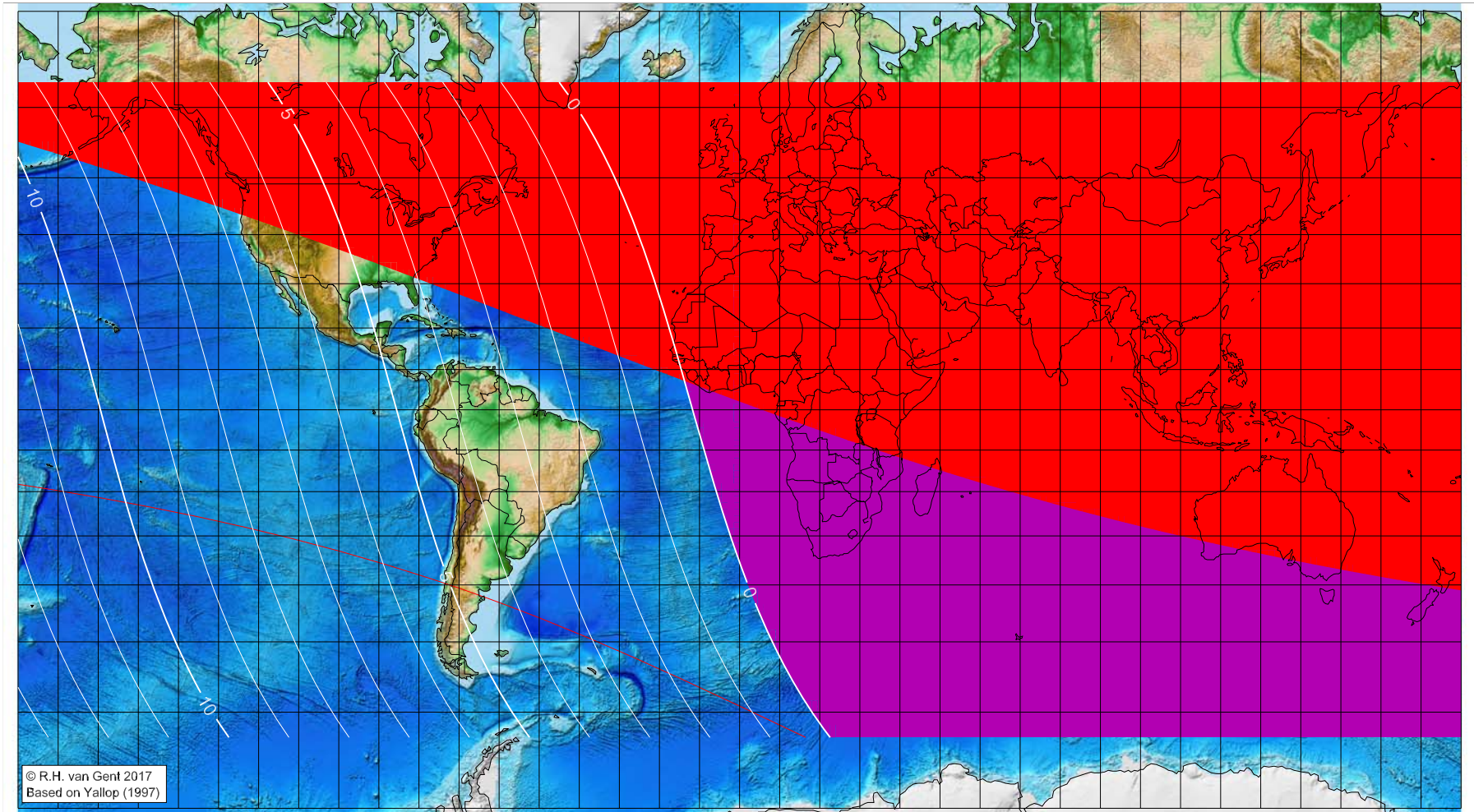


First visibility lunar crescent for Rajab 1442 AH

Global visibility map for 11 February 2021 [Thursday]
Day of luni-solar conjunction



Astronomical New Moon: 11 February 2021, 19h 5.6m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1214
Islamic Lunation Number = 17299
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°)

Longitude (°) Latitude (°) Lunar age (h)
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening
not visible until the next evening

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

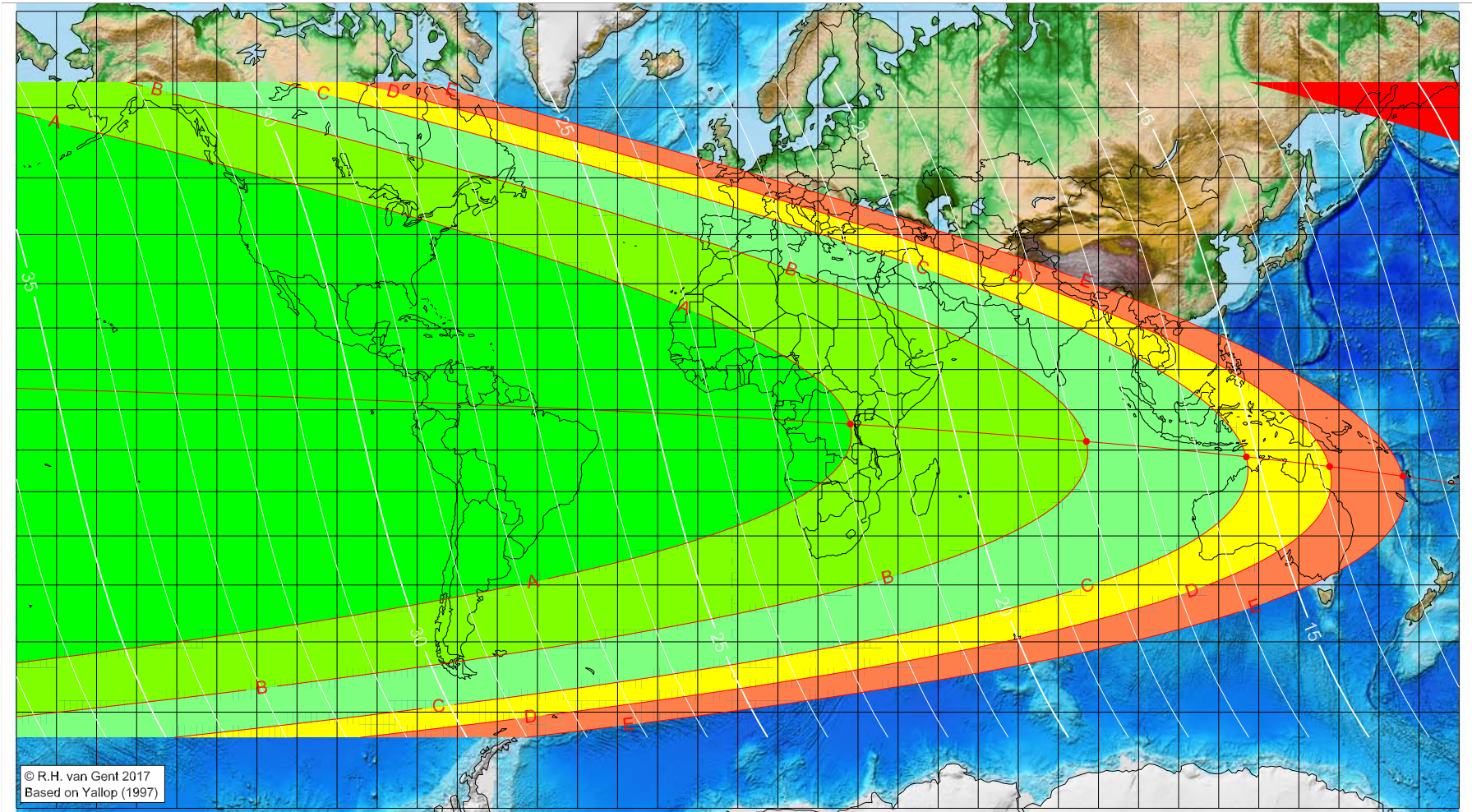
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rajab 1442 AH

Global visibility map for 12 February 2021 [Friday]
Day after luni-solar conjunction



© R.H. van Gent 2017
Based on Yallop (1997)

Astronomical New Moon: 11 February 2021, 19h 5.6m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1214

Islamic Lunation Number = 17299

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)
28.07	-3.55	21.73
86.98	-7.87	17.82
126.92	-11.67	15.19
147.68	-14.01	13.83
166.01	-16.32	12.64

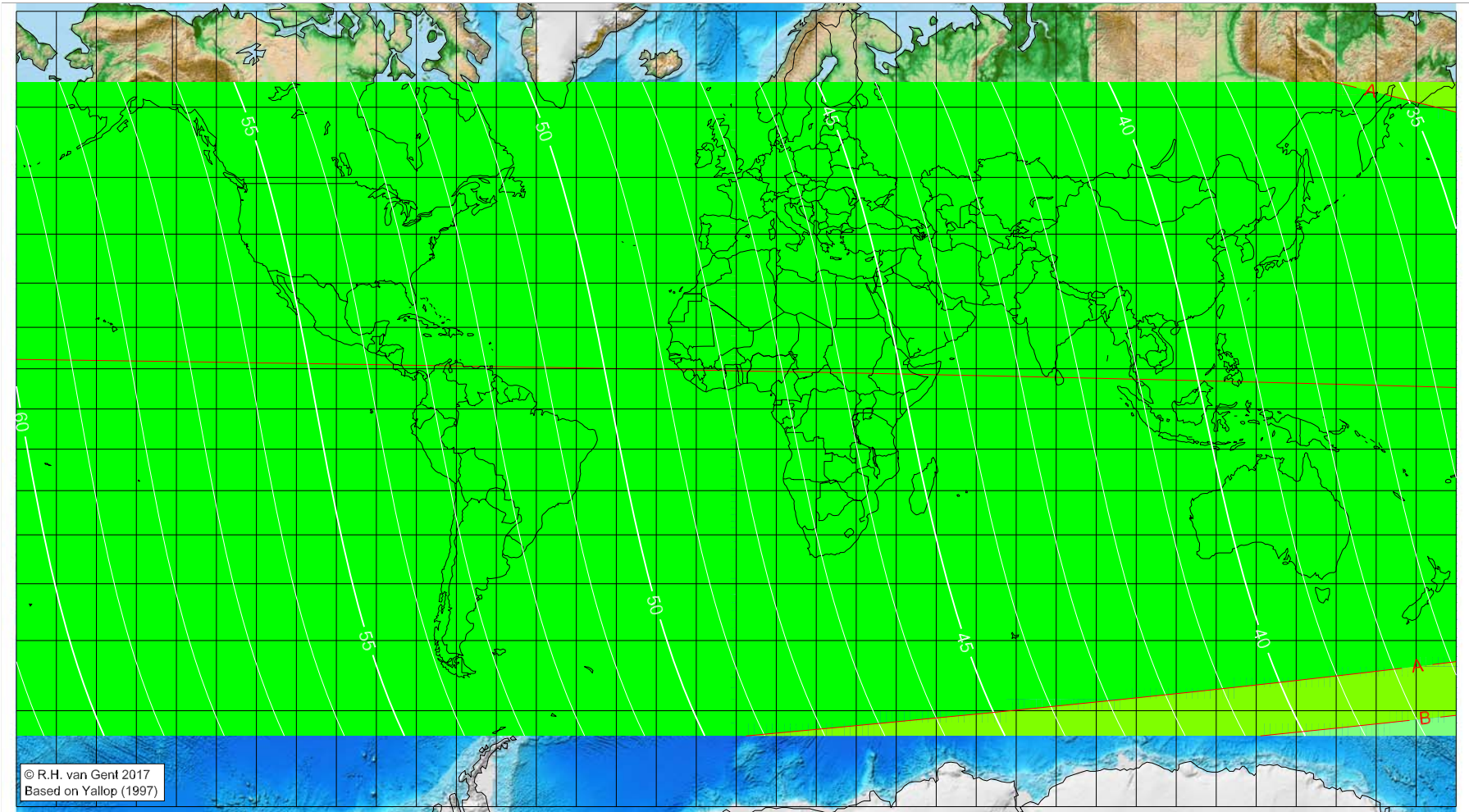
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rajab 1442 AH

Global visibility map for 13 February 2021 [Saturday]
Second day after luni-solar conjunction



Astronomical New Moon: 11 February 2021, 19h 5.6m (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 = 1214
Islamic Lunation Number = 17299
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>