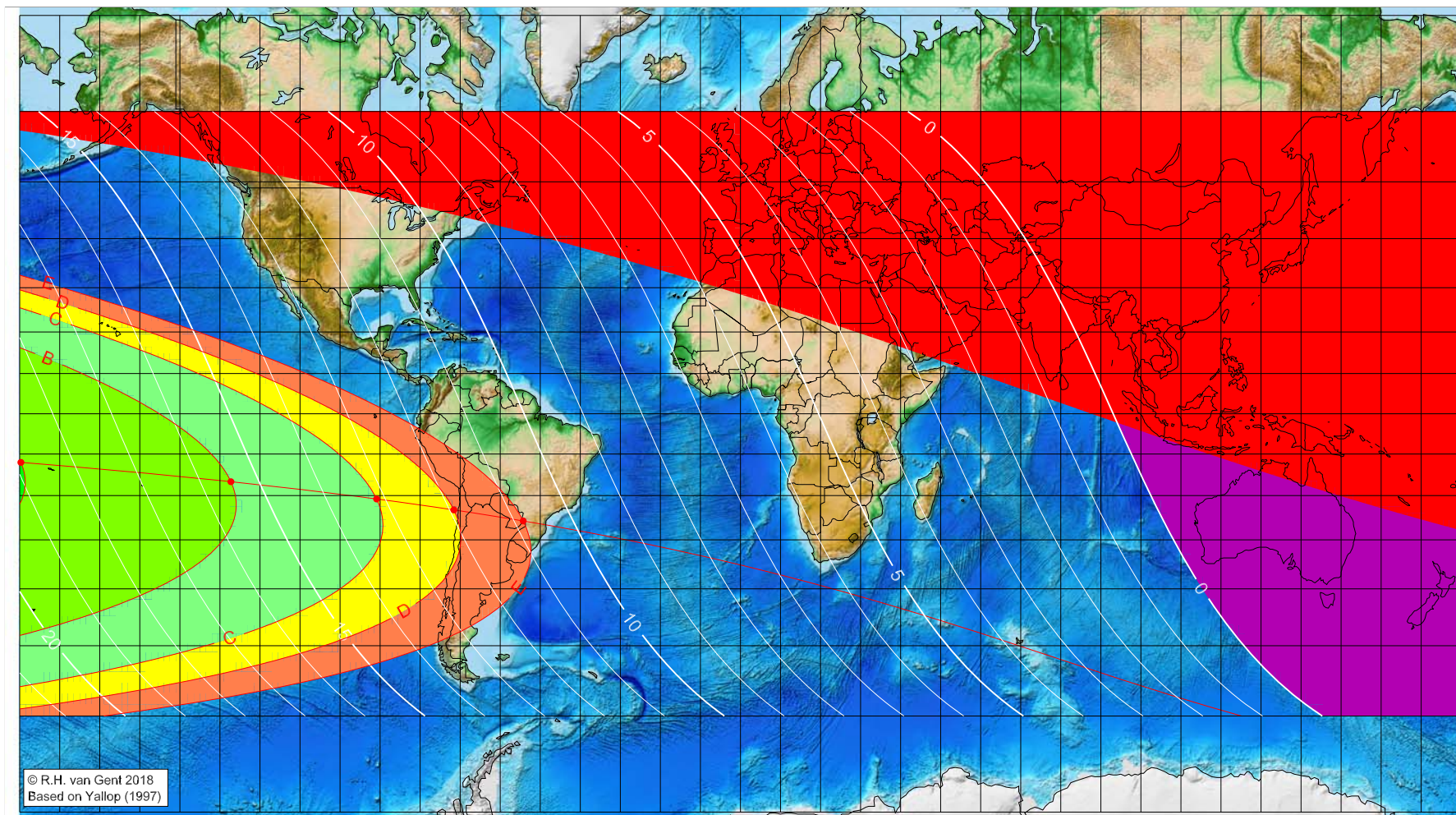


First visibility lunar crescent for Rajab 1445 AH

Global visibility map for 11 January 2024 [Thursday]

Day of luni-solar conjunction



Astronomical New Moon: 11 January 2024, 11h 58.6m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1250
Islamic Lunation Number = 17335
TT – UT [= ΔT] = 0.0 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)
-179.70	-12.05	18.89
-127.26	-16.72	15.48
-90.88	-20.80	13.15
-71.58	-23.32	11.93
-54.26	-25.83	10.84

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

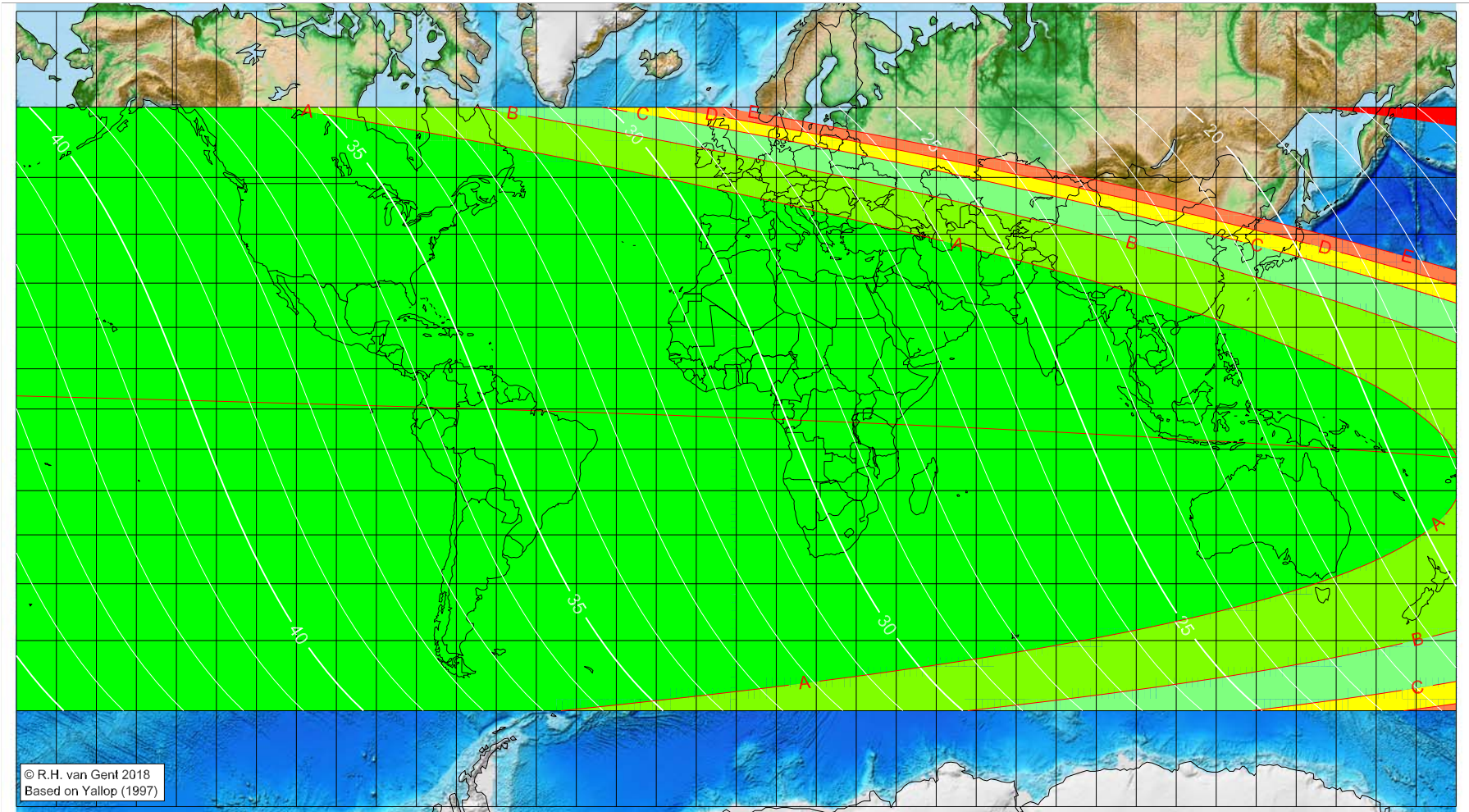
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rajab 1445 AH

Global visibility map for 12 January 2024 [Friday]
Day after luni-solar conjunction



Astronomical New Moon: 11 January 2024, 11h 58.6m (UTC)

First visibility (•)

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	visible on the previous evening	visible on the previous evening
visible on the previous evening	visible on the previous evening	visible on the previous evening

Astronomical (Brown) Lunation Number = 1250
Islamic Lunation Number = 17335
TT - UT [= ΔT] = 0.0 min

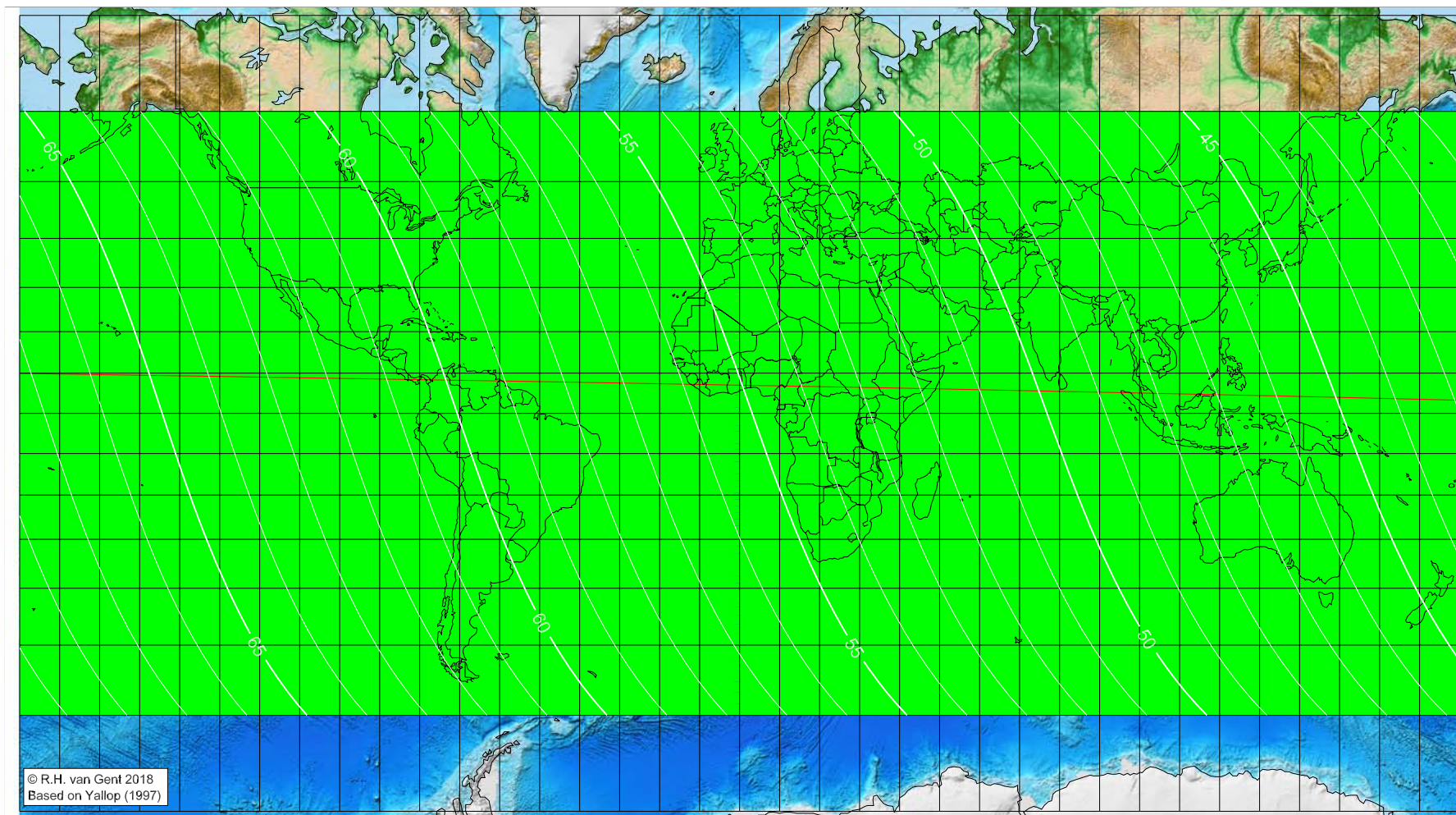
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- 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°)
- moonset before sunset
- before conjunction (astronomical new moon)

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

First visibility lunar crescent for Rajab 1445 AH

Global visibility map for 13 January 2024 [Saturday]
Second day after luni-solar conjunction



Astronomical New Moon: 11 January 2024, 11h 58.6m (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 = 1250
Islamic Lunation Number = 17335
 $TT - UT [= \Delta T] = 0.0 \text{ min}$

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/>