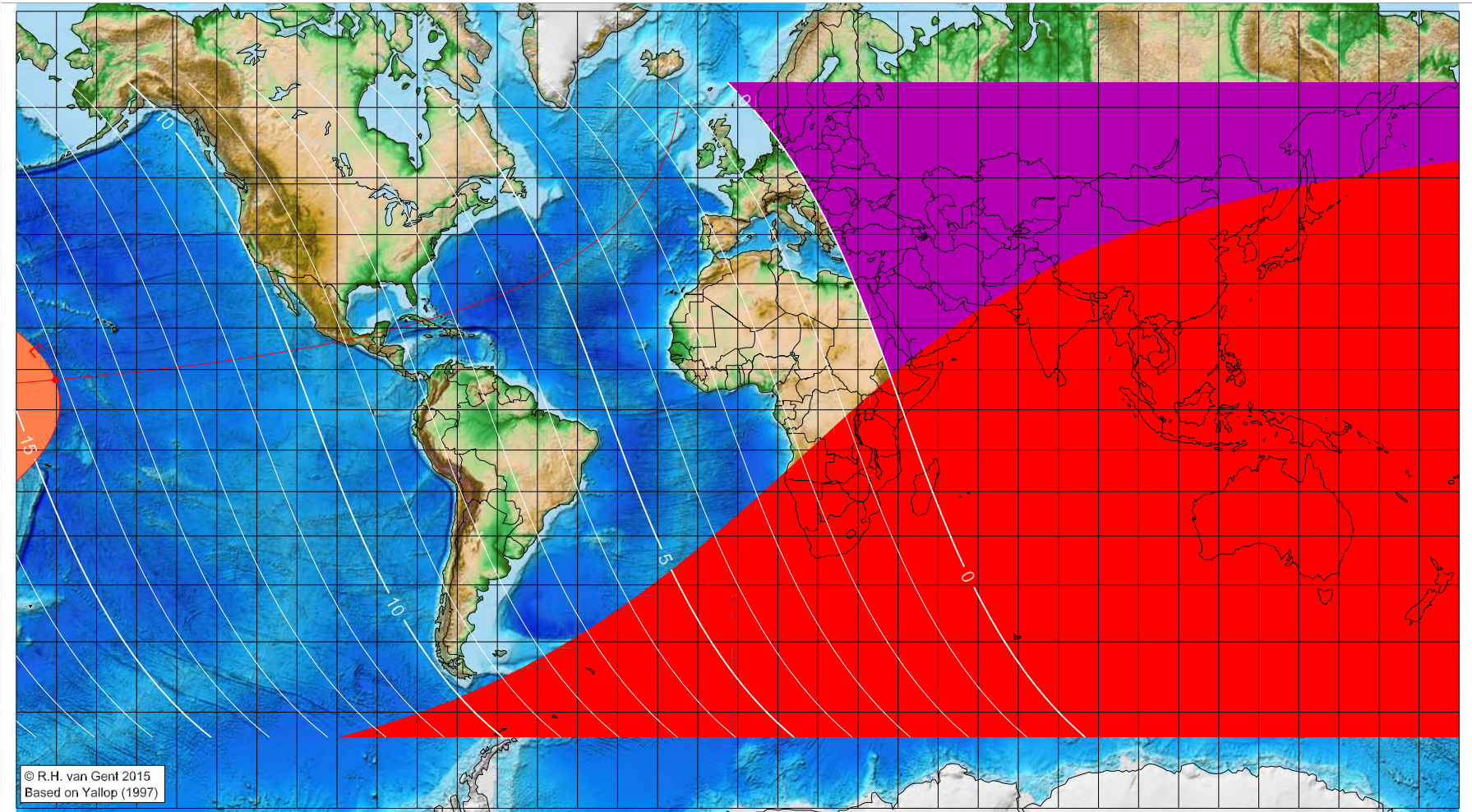


First visibility lunar crescent for Rabī' al-Ākhir 1441 AH

Global visibility map for 26 November 2019 [Tuesday]
Day of luni-solar conjunction



Astronomical New Moon: 26 November 2019, 15h 5.6m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1199

Islamic Lunation Number = 17284

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°)

■ moonset before sunset

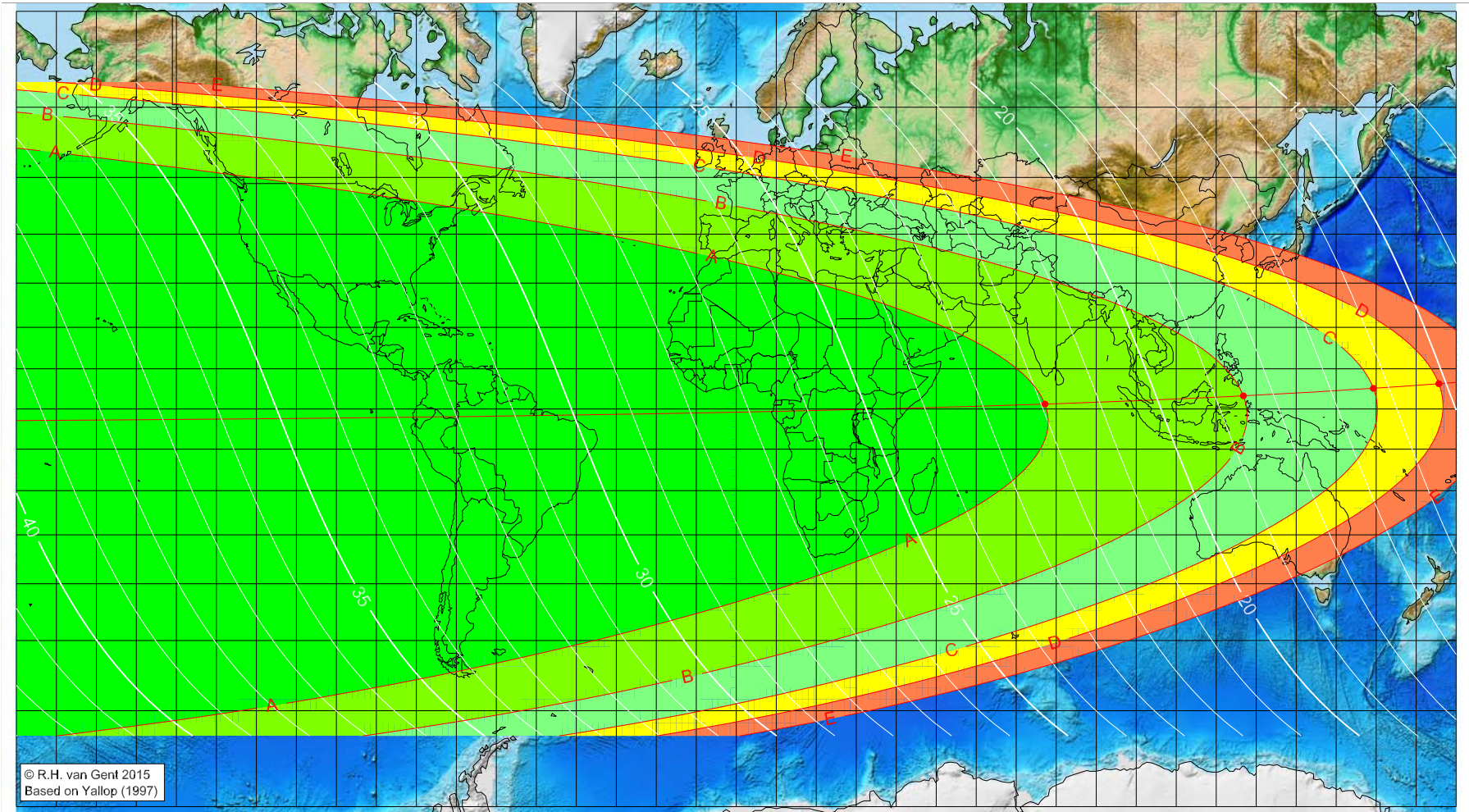
■ before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-170.25	7.46	14.14

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

First visibility lunar crescent for Rabī al-Ākhir 1441 AH

Global visibility map for 27 November 2019 [Wednesday]
Day after luni-solar conjunction



Astronomical New Moon: 26 November 2019, 15h 5.6m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1199

Islamic Lunation Number = 17284

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°)

■ moonset before sunset

■ before conjunction (astronomical new moon)

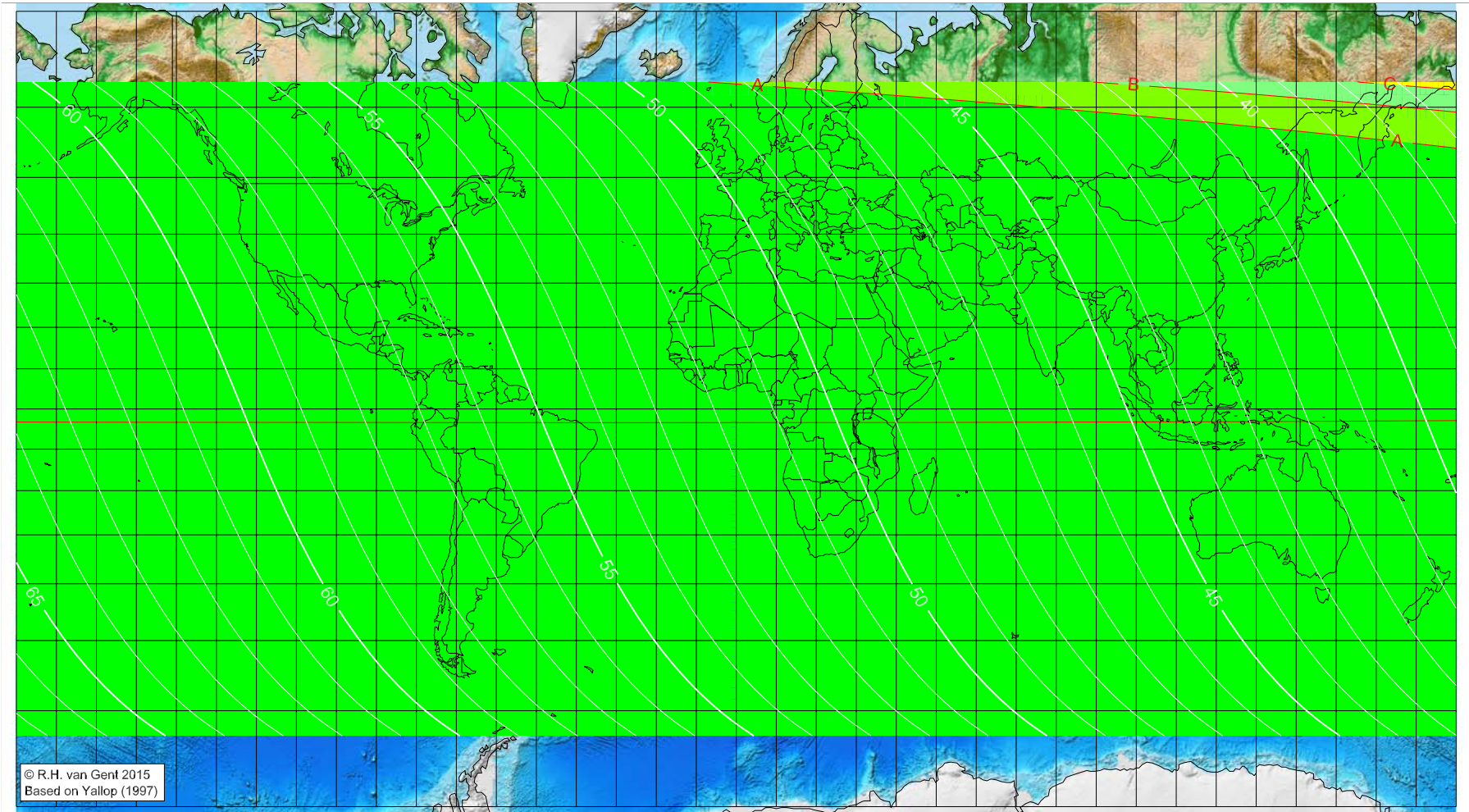
Longitude (°)	Latitude (°)	Lunar age (h)
77.19	1.22	21.93
126.80	3.28	18.52
159.29	5.14	16.27
175.67	6.31	15.13

visible on the previous evening

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

First visibility lunar crescent for Rabī al-Ākhir 1441 AH

Global visibility map for 28 November 2019 [Thursday]
Second day after luni-solar conjunction



Astronomical New Moon: 26 November 2019, 15h 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 = 1199
Islamic Lunation Number = 17284
 $TT - UT [= \Delta T] = 1.2 \text{ min}$

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/>