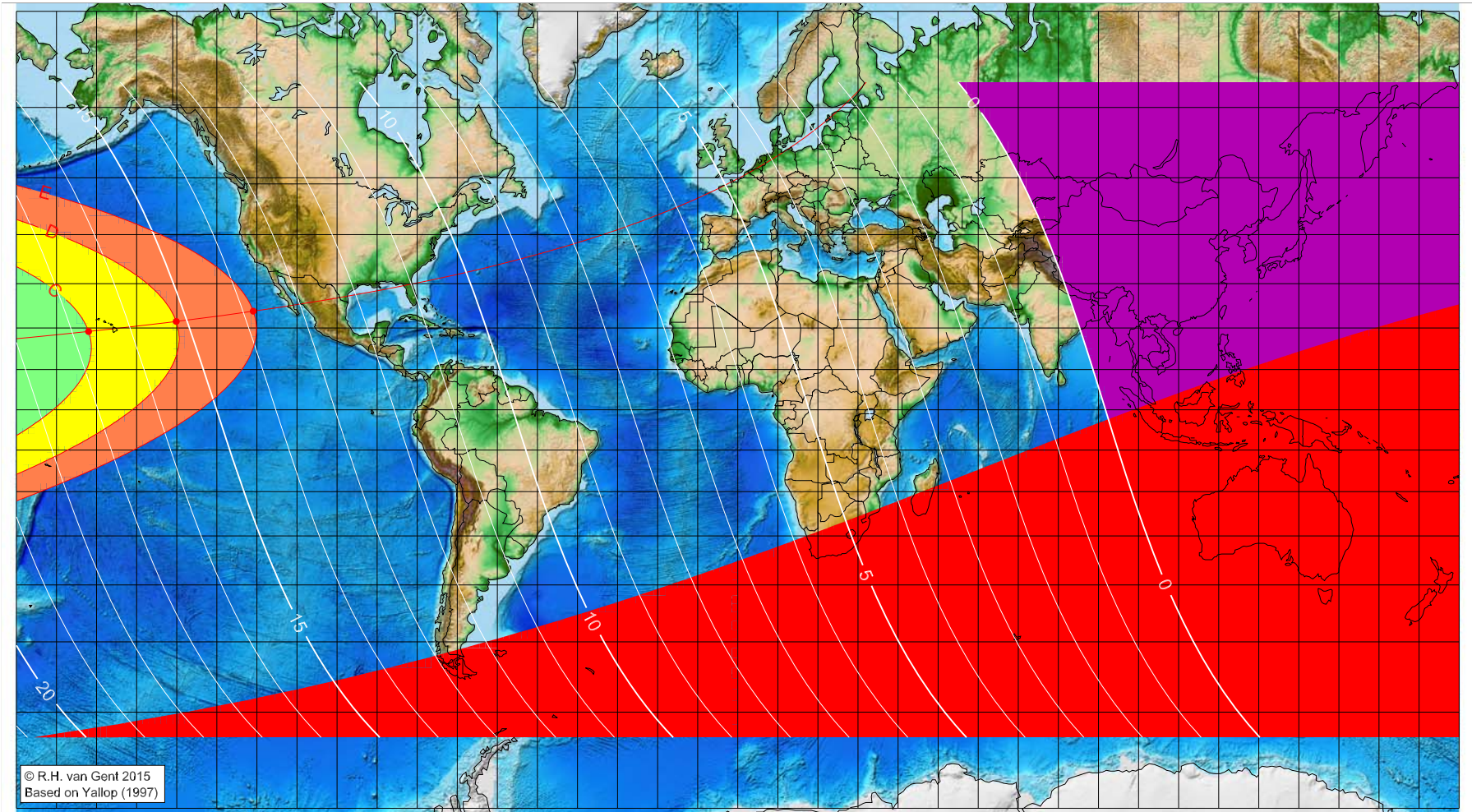


First visibility lunar crescent for Rabīʿ al-Awwal 1439 AH

Global visibility map for 18 November 2017 [Saturday]
Day of luni-solar conjunction



© R.H. van Gent 2015
Based on Yallop (1997)

Astronomical New Moon: 18 November 2017, 11h 42.1m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-162.00	19.17	16.72
-140.12	21.52	15.18
-120.91	23.89	13.83

Astronomical (Brown) Lunation Number = 1174
Islamic Lunation Number = 17259
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°)

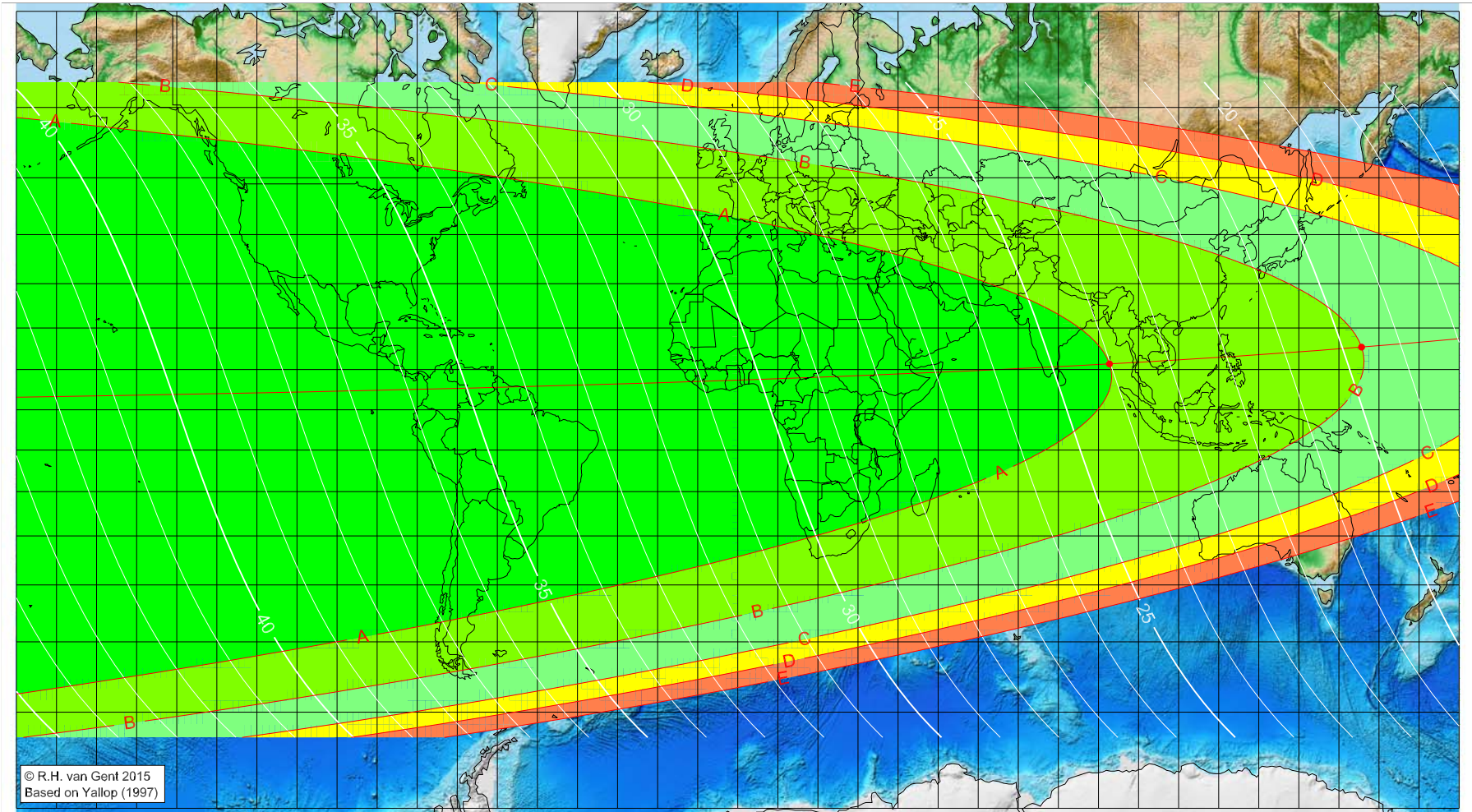
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

- 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 1439 AH

Global visibility map for 19 November 2017 [Sunday]
Day after luni-solar conjunction



Astronomical New Moon: 18 November 2017, 11h 42.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1174

Islamic Lunation Number = 17259

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

- 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

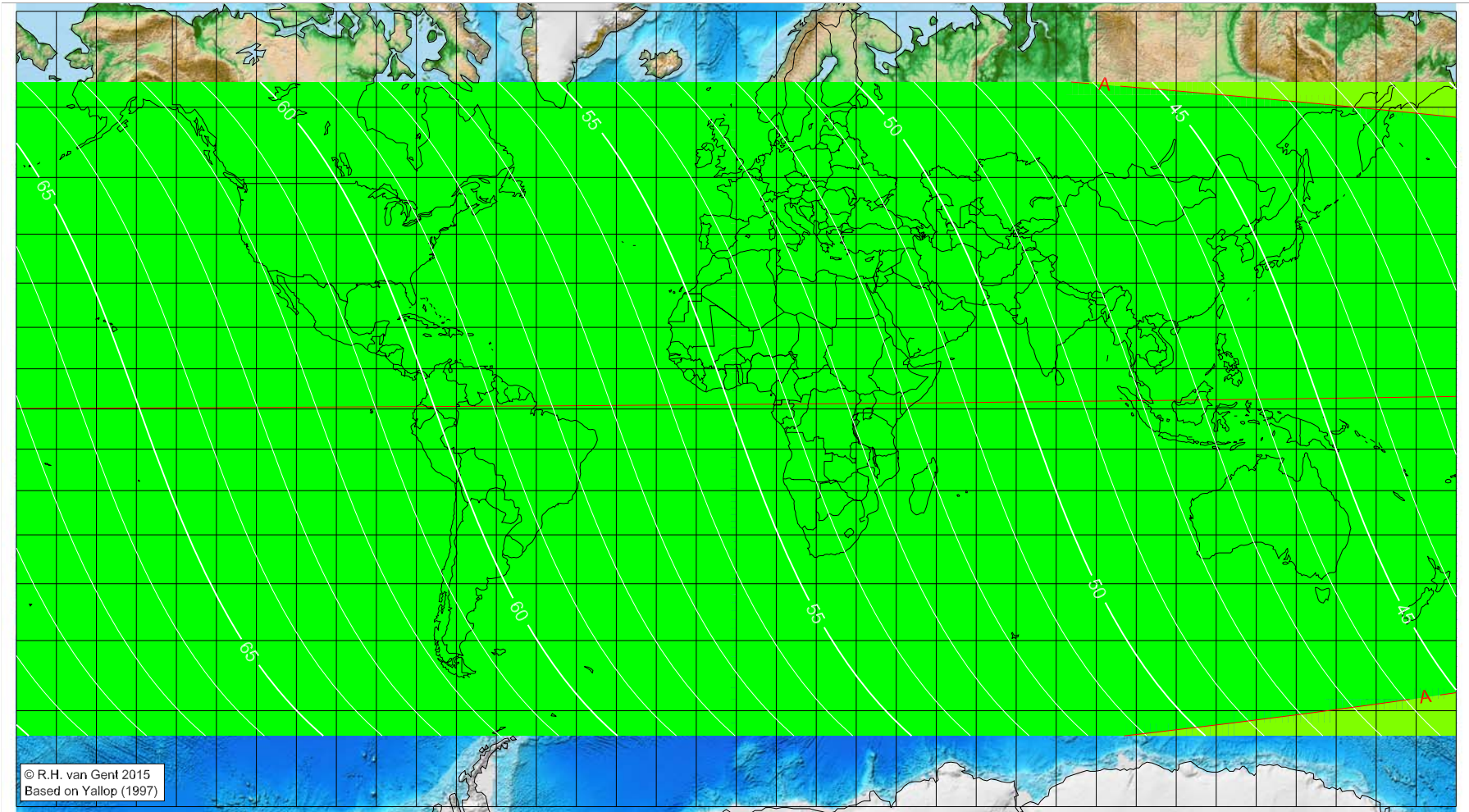
■ before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
92.75	11.38	24.02
155.65	15.45	19.67
		visible on the previous evening
		visible on the previous evening

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

First visibility lunar crescent for Rabīʿ al-Awwal 1439 AH

Global visibility map for 20 November 2017 [Monday]
Second day after luni-solar conjunction



Astronomical New Moon: 18 November 2017, 11h 42.1m (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 = 1174
Islamic Lunation Number = 17259
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/>