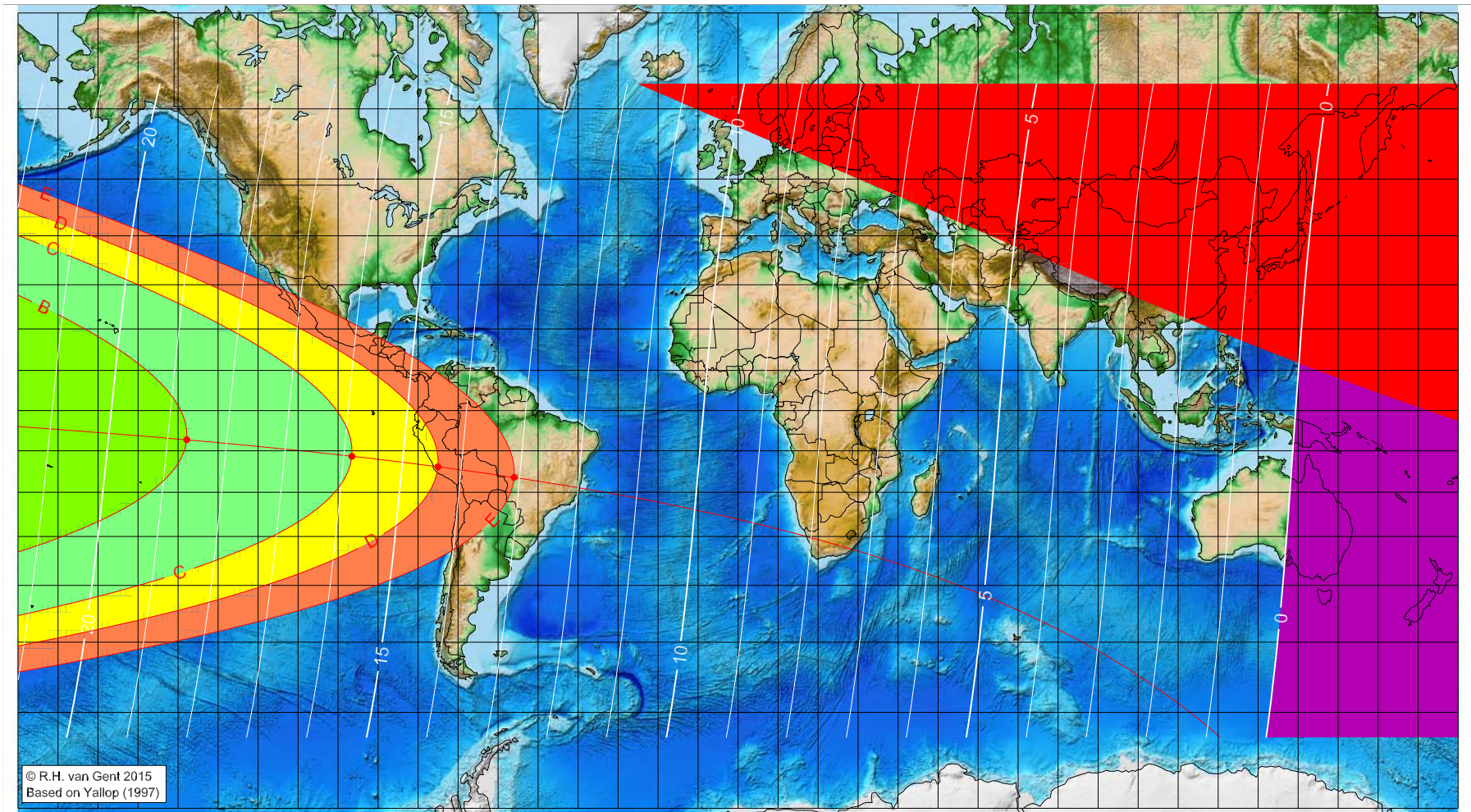


First visibility lunar crescent for Sha'bān 1440 AH

Global visibility map for 5 April 2019 [Friday]
Day of luni-solar conjunction



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

Astronomical New Moon: 5 April 2019, 8h 50.4m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
-137.84	-7.27	18.68
-96.57	-11.35	15.86
-75.04	-13.91	14.39
-56.00	-16.48	13.09

Astronomical (Brown) Lunation Number = 1191
Islamic Lunation Number = 17276
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°)

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

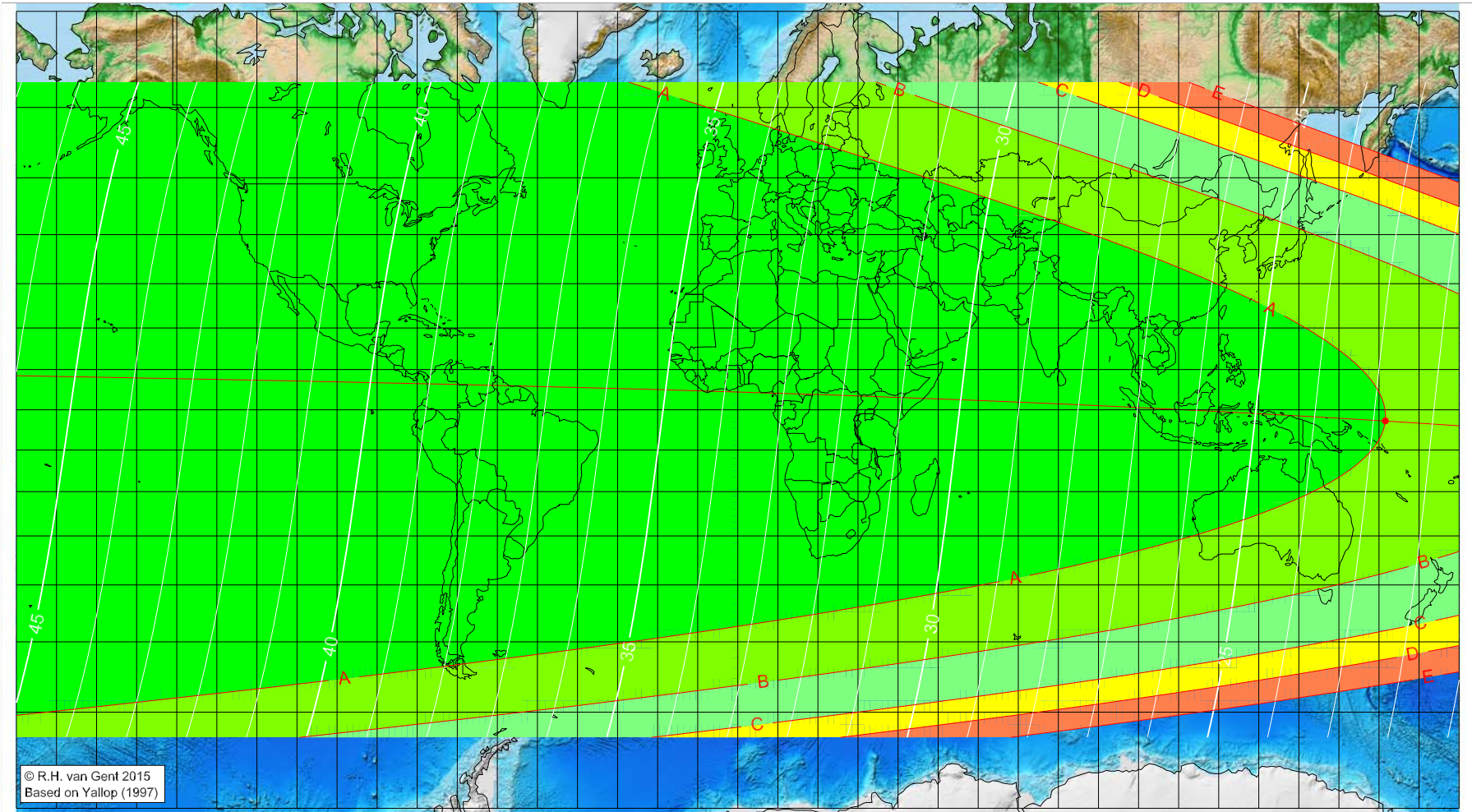
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Shaʿbān 1440 AH

Global visibility map for 6 April 2019 [Saturday]
Day after luni-solar conjunction



Astronomical New Moon: 5 April 2019, 8h 50.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1191
Islamic Lunation Number = 17276
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)
161.58	-2.77	22.80

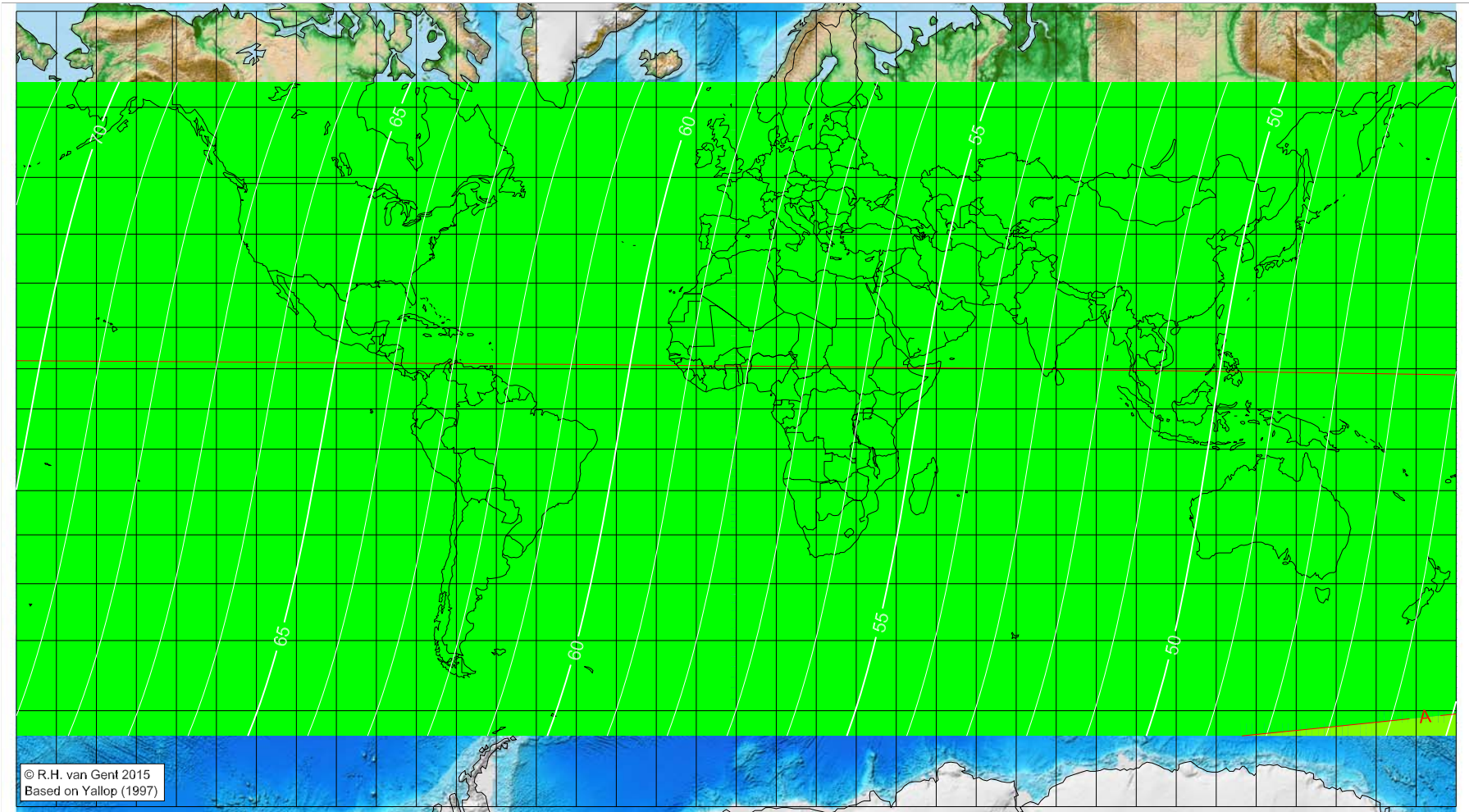
visible on the previous evening
visible on the previous evening
visible on the previous evening

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 Sha'bān 1440 AH

Global visibility map for 7 April 2019 [Sunday]
Second day after luni-solar conjunction



Astronomical New Moon: 5 April 2019, 8h 50.4m (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 = 1191
Islamic Lunation Number = 17276
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

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