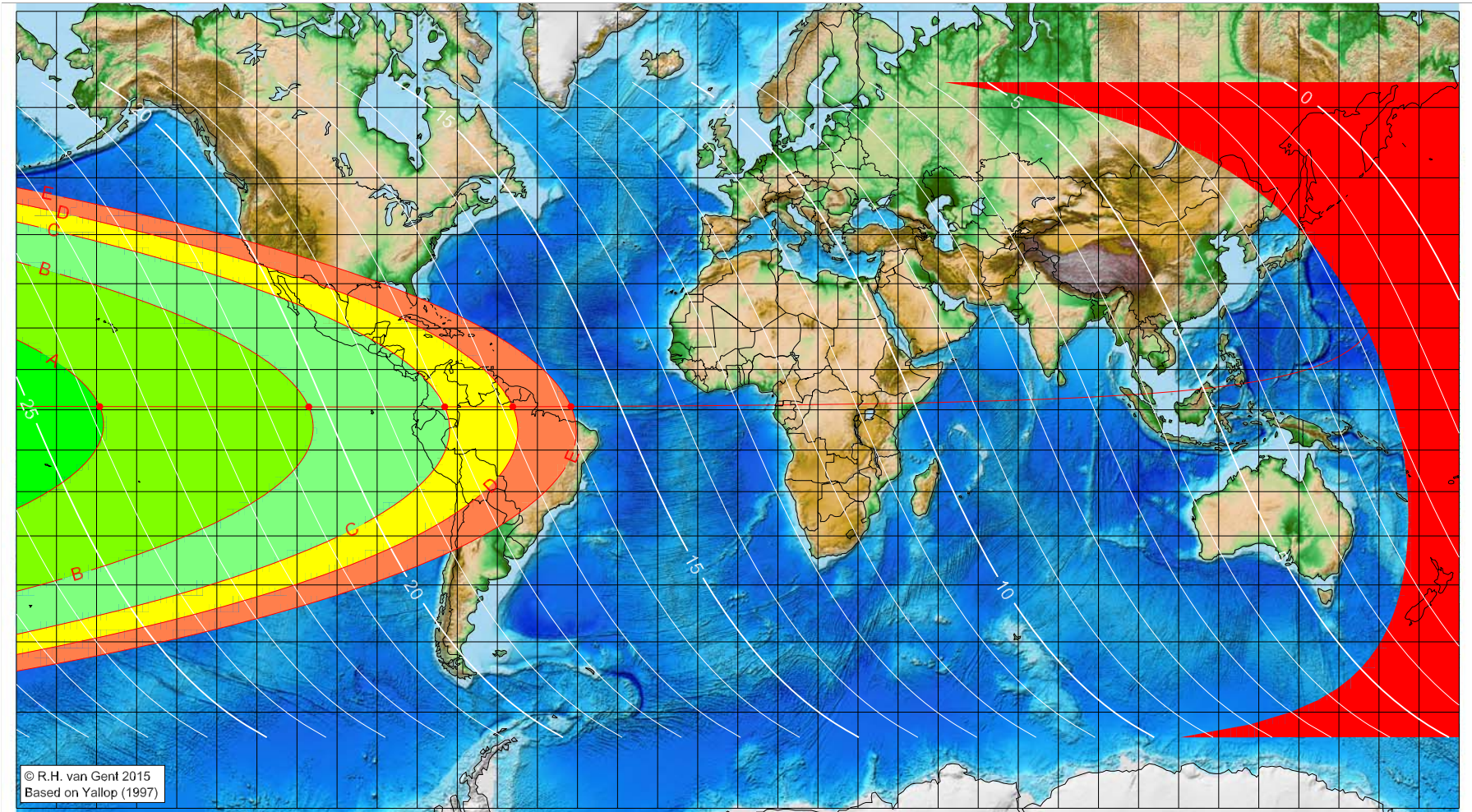


# First visibility lunar crescent for Jumādā 'l-Ūlā 1441 AH

Global visibility map for 26 December 2019 [Thursday]  
Day of luni-solar conjunction



Astronomical New Moon: 26 December 2019, 5h 13.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1200

Islamic Lunation Number = 17285

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)
-159.22	0.80	23.81
-107.05	0.73	20.27
-73.13	0.74	17.97
-56.16	0.78	16.82
-41.63	0.82	15.83

■ moonset before sunset

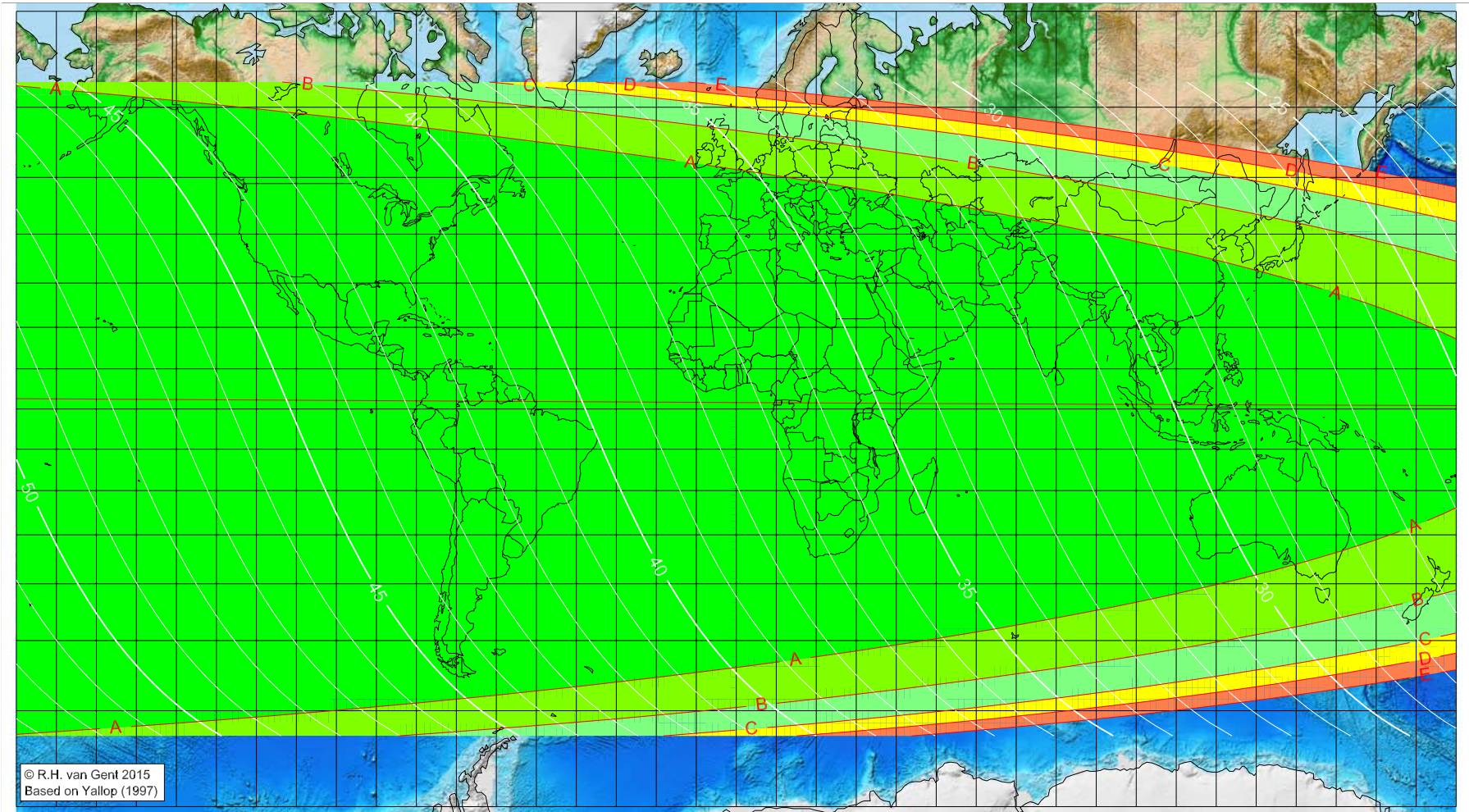
■ before conjunction (astronomical new moon)

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



# First visibility lunar crescent for Jumādā 'l-Ūlā 1441 AH

Global visibility map for 27 December 2019 [Friday]  
Day after luni-solar conjunction



Astronomical New Moon: 26 December 2019, 5h 13.1m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1200

Islamic Lunation Number = 17285

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

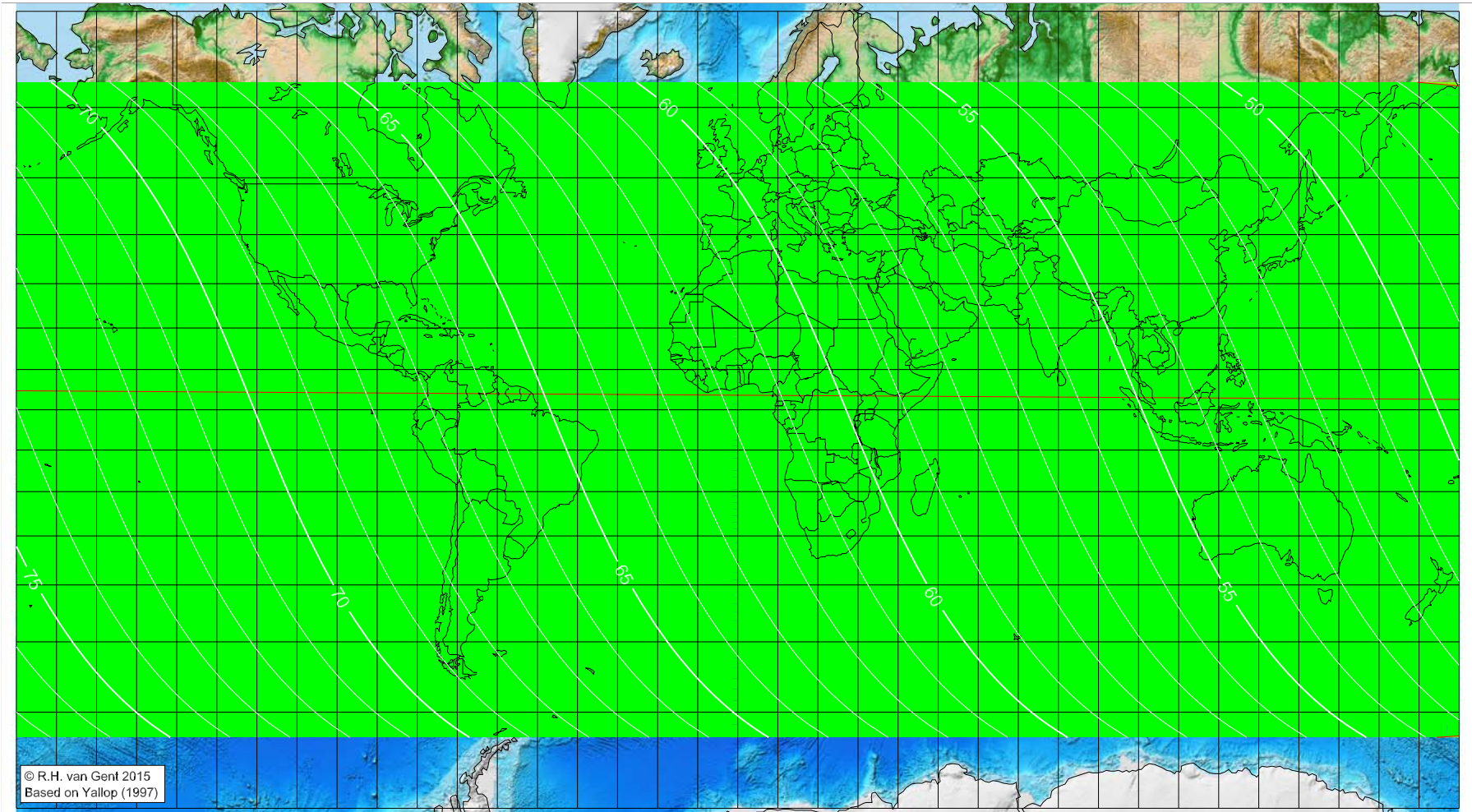
■ before conjunction (astronomical new moon)

Longitude (°)    Latitude (°)    Lunar age (h)  
 visible on the previous evening  
 visible on the previous evening  
 visible on the previous evening  
 visible on the previous evening

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

# First visibility lunar crescent for Jumādā 'l-Ūlā 1441 AH

Global visibility map for 28 December 2019 [Saturday]  
Second day after luni-solar conjunction



Astronomical New Moon: 26 December 2019, 5h 13.1m (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 = 1200  
Islamic Lunation Number = 17285  
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/>