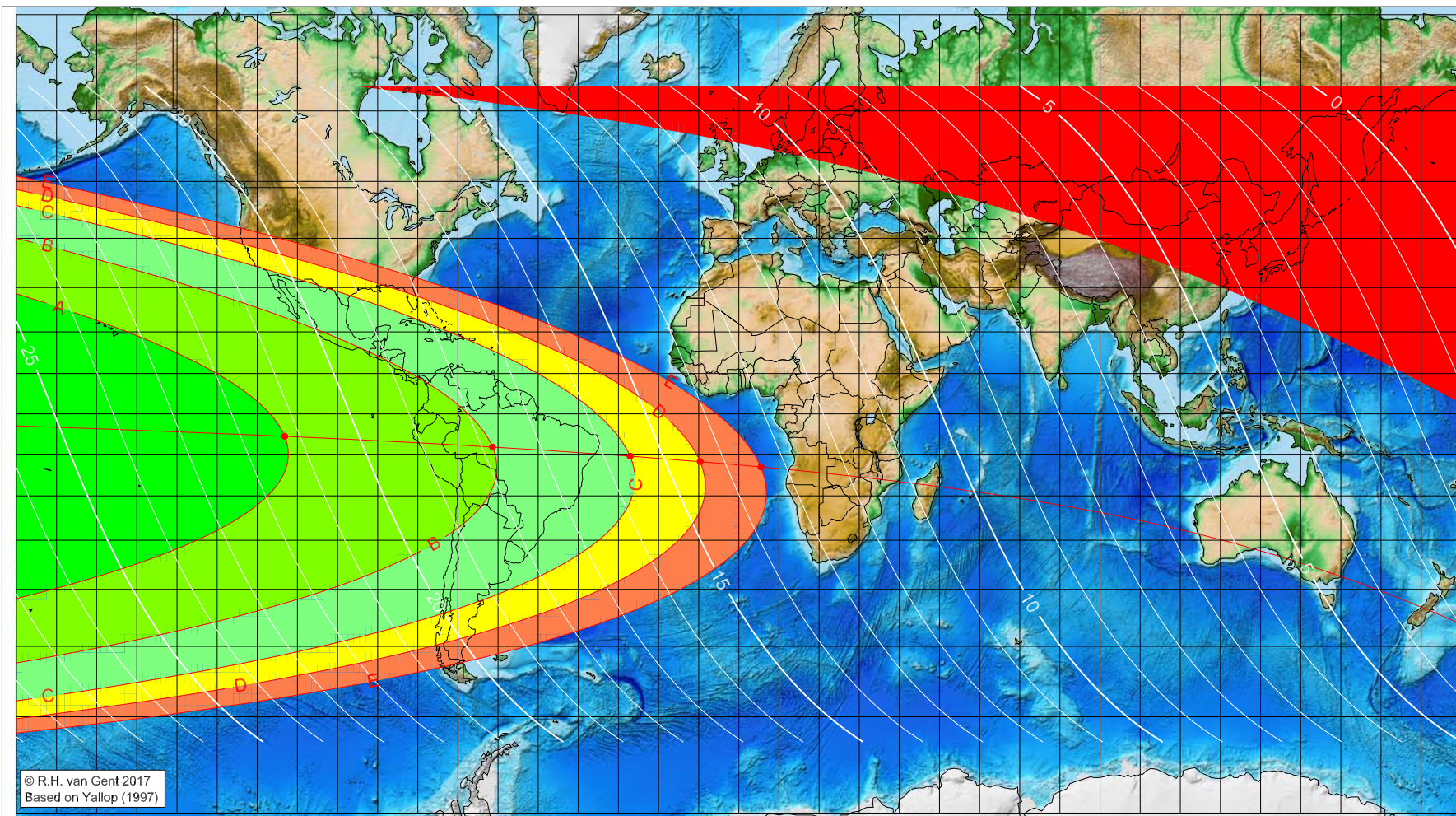


# First visibility lunar crescent for Jumādā 'l-Ākhira 1442 AH

Global visibility map for 13 January 2021 [Wednesday]  
Day of luni-solar conjunction



© R.H. van Gent 2017  
Based on Yallop (1997)

Astronomical New Moon: 13 January 2021, 5h 0.1m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1213  
Islamic Lunation Number = 17298  
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°)

Longitude (°)	Latitude (°)	Lunar age (h)
-113.15	-5.58	21.25
-61.38	-8.24	17.82
-27.09	-10.47	15.56
-9.64	-11.80	14.41
5.49	-13.09	13.42

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

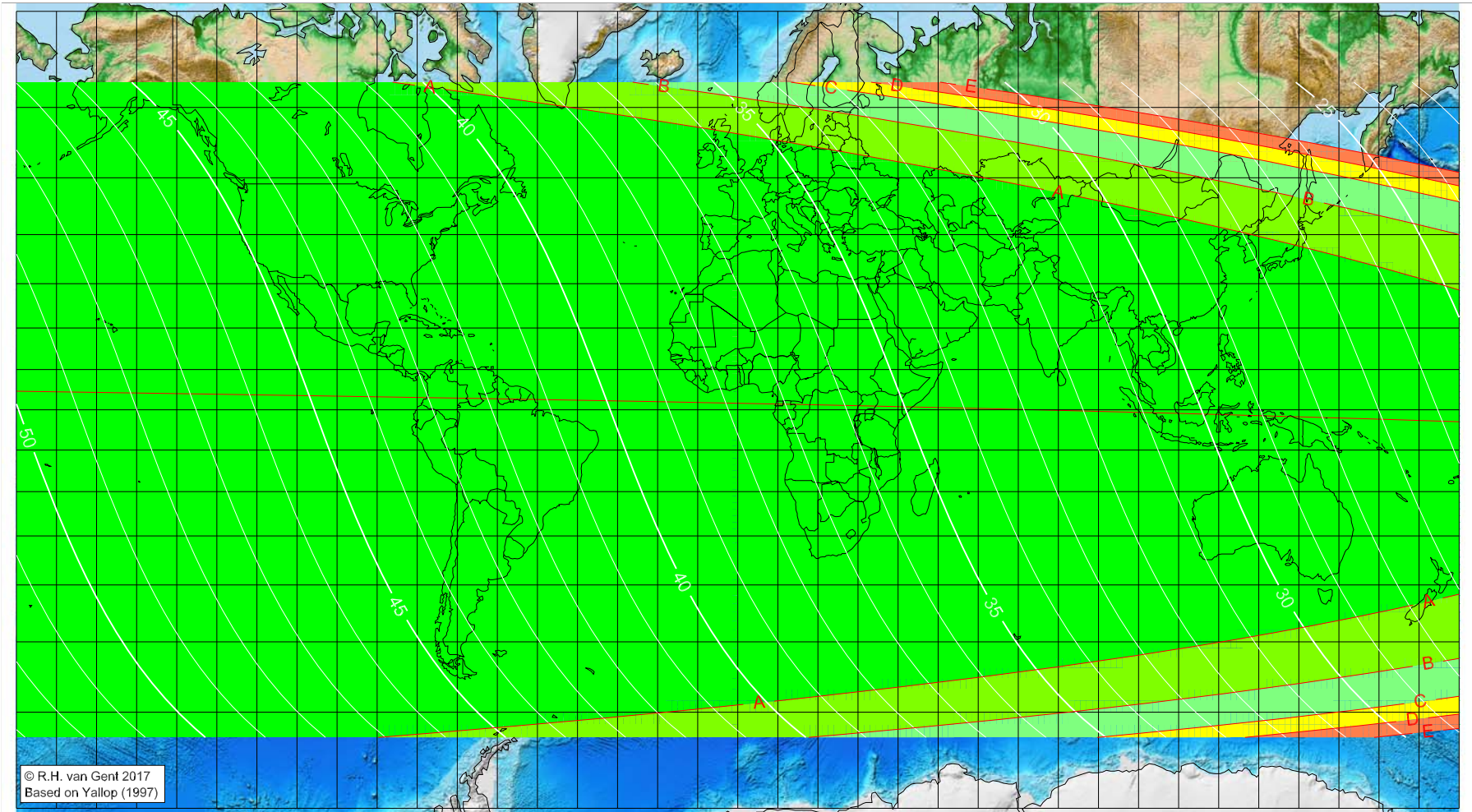
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

# First visibility lunar crescent for Jumādā 'l-Ākhira 1442 AH

Global visibility map for 14 January 2021 [Thursday]  
Day after luni-solar conjunction



Astronomical New Moon: 13 January 2021, 5h 0.1m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1213  
Islamic Lunation Number = 17298  
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)

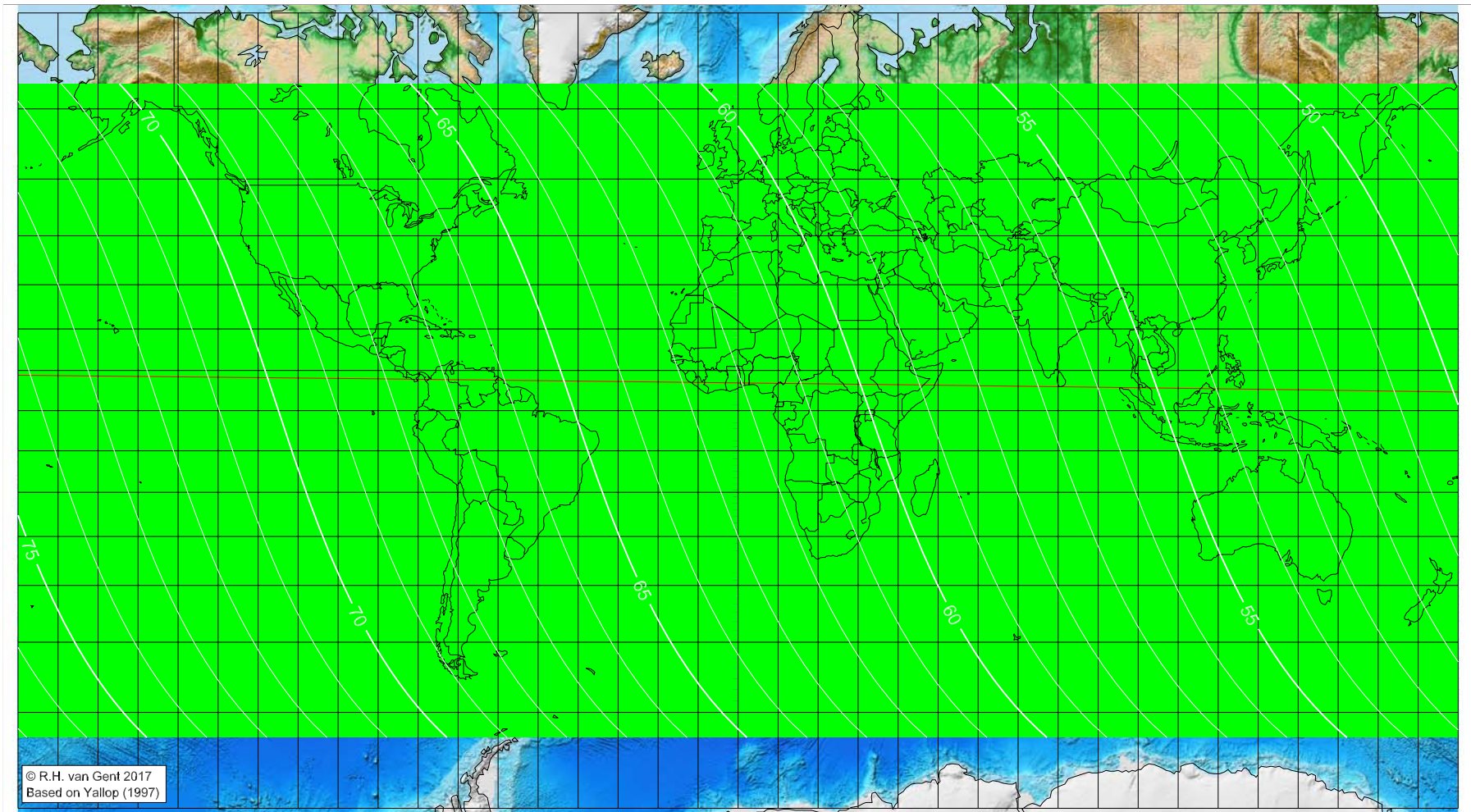
Longitude (°) Latitude (°) Lunar age (h)  
visible on the previous evening  
visible on the previous evening  
visible on the previous evening  
visible on the previous evening

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 Jumādā 'l-Ākhira 1442 AH

Global visibility map for 15 January 2021 [Friday]  
Second day after luni-solar conjunction



Astronomical New Moon: 13 January 2021, 5h 0.1m (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 = 1213  
Islamic Lunation Number = 17298  
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/>