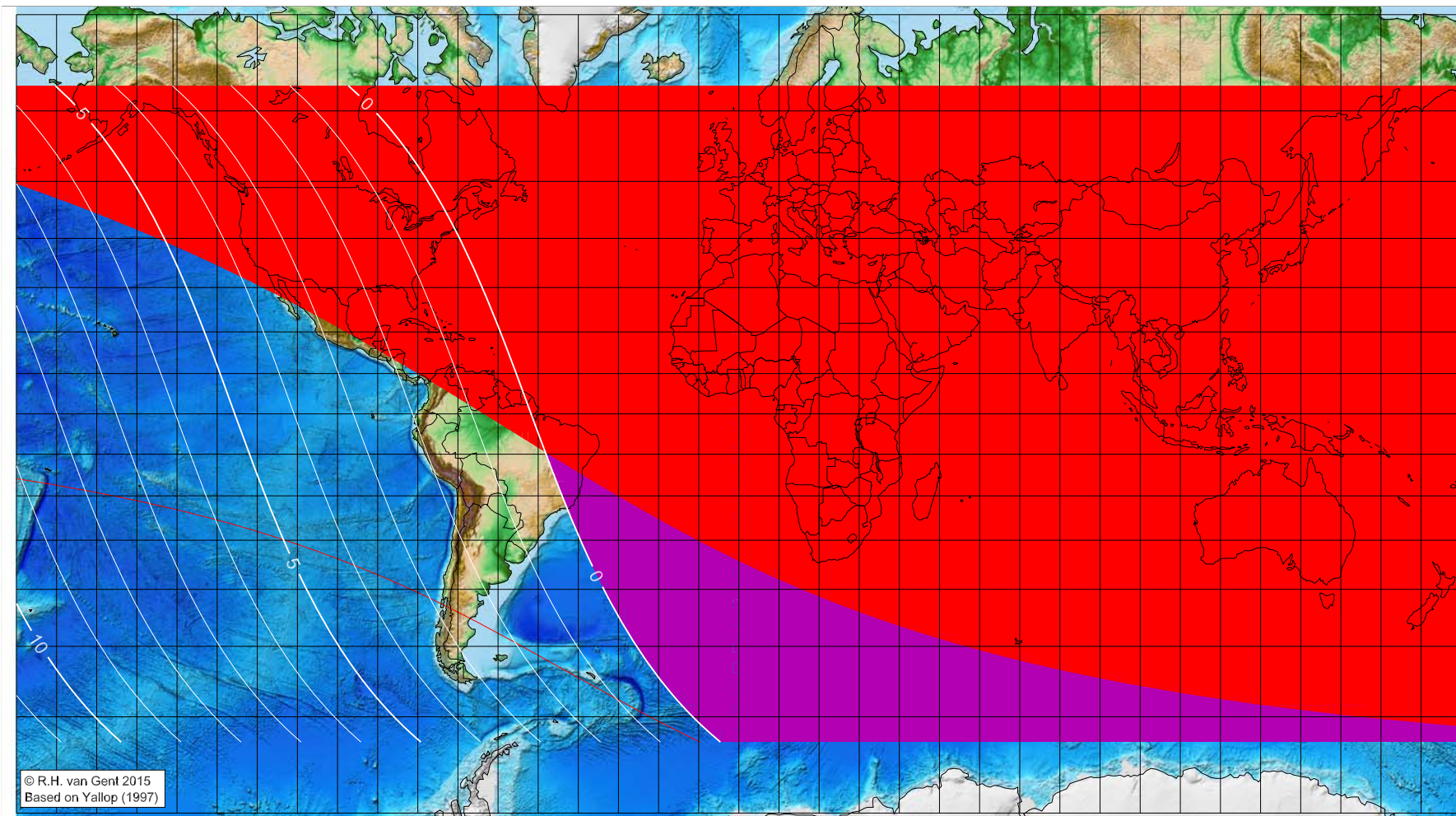


# First visibility lunar crescent for Jumādā 'l-Ākhira 1441 AH

Global visibility map for 24 January 2020 [Friday]  
Day of luni-solar conjunction



Astronomical New Moon: 24 January 2020, 21h 41.9m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1201  
Islamic Lunation Number = 17286  
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)                      |
|---------------|--------------|------------------------------------|
|               |              | not visible until the next evening |
|               |              | not visible until the next evening |
|               |              | not visible until the next evening |
|               |              | not visible until the next evening |
|               |              | not visible until the next evening |

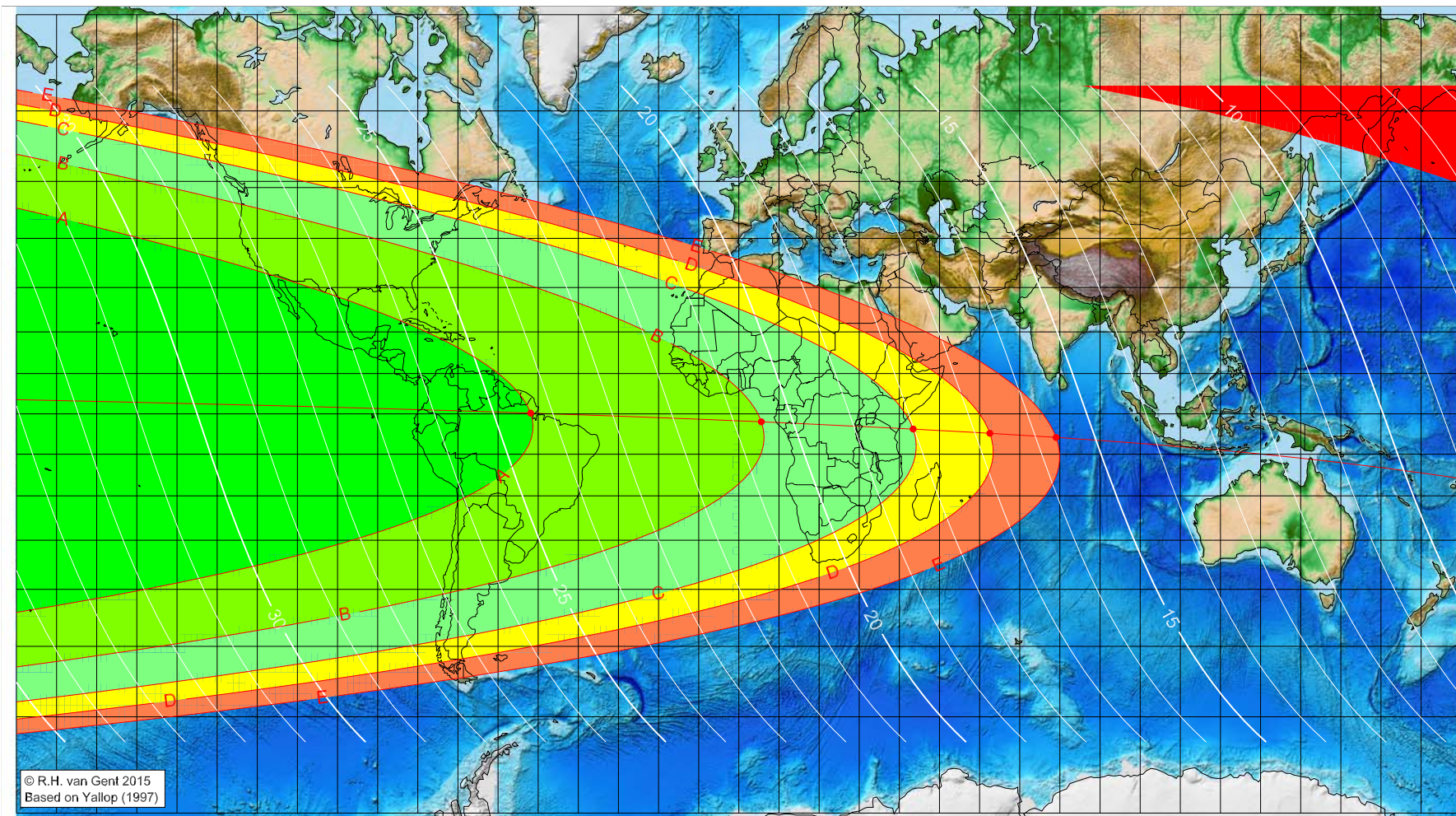
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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



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

Global visibility map for 25 January 2020 [Saturday]  
Day after luni-solar conjunction



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

Astronomical New Moon: 24 January 2020, 21h 41.9m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1201  
Islamic Lunation Number = 17286  
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)

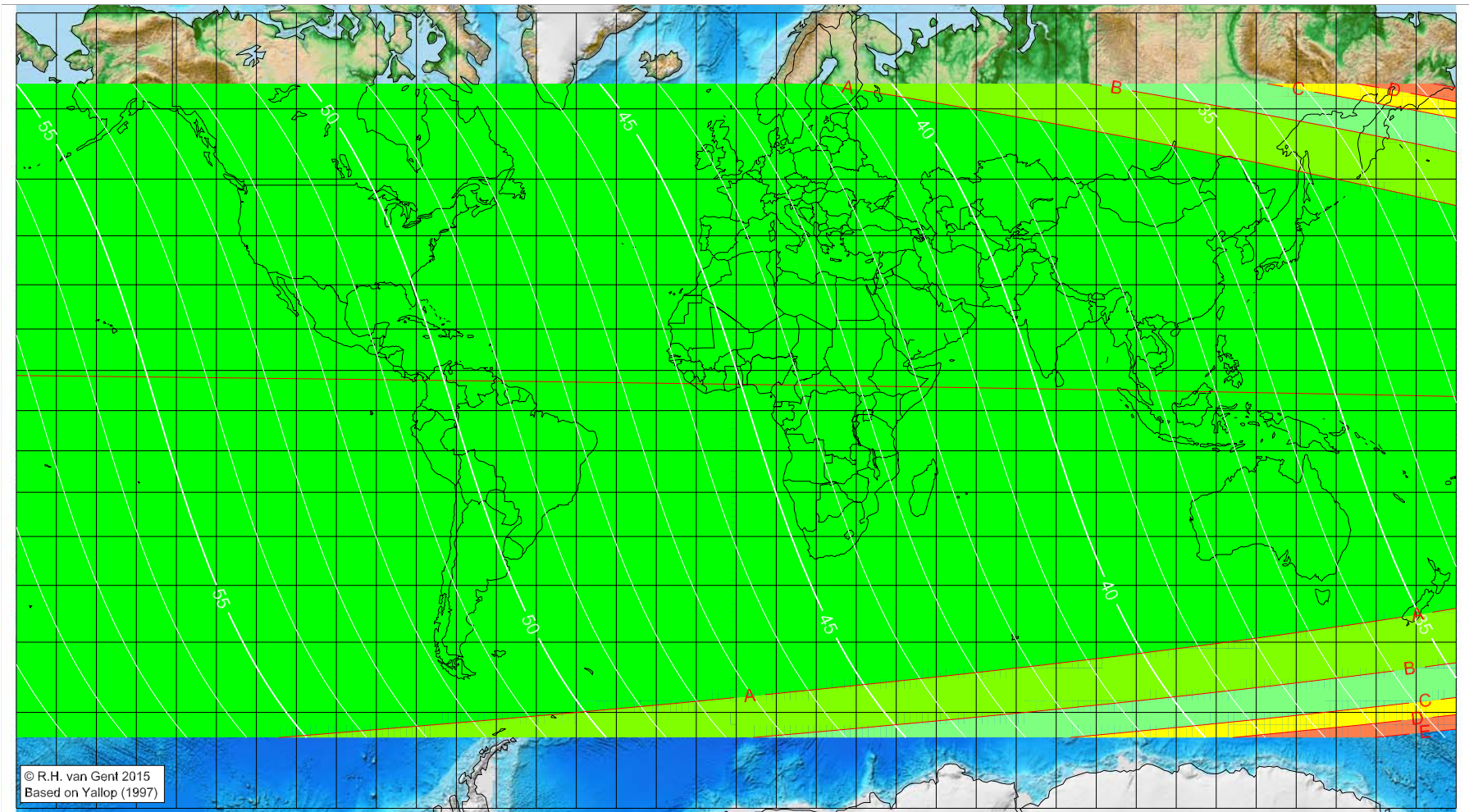
| Longitude (°) | Latitude (°) | Lunar age (h) |
|---------------|--------------|---------------|
| -51.89        | 0.19         | 24.37         |
| 5.60          | -1.97        | 20.53         |
| 43.43         | -3.77        | 18.02         |
| 62.55         | -4.84        | 16.75         |
| 79.05         | -5.87        | 15.66         |

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 1441 AH

Global visibility map for 26 January 2020 [Sunday]  
Second day after luni-solar conjunction



Astronomical New Moon: 24 January 2020, 21h 41.9m (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 = 1201  
Islamic Lunation Number = 17286  
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/>