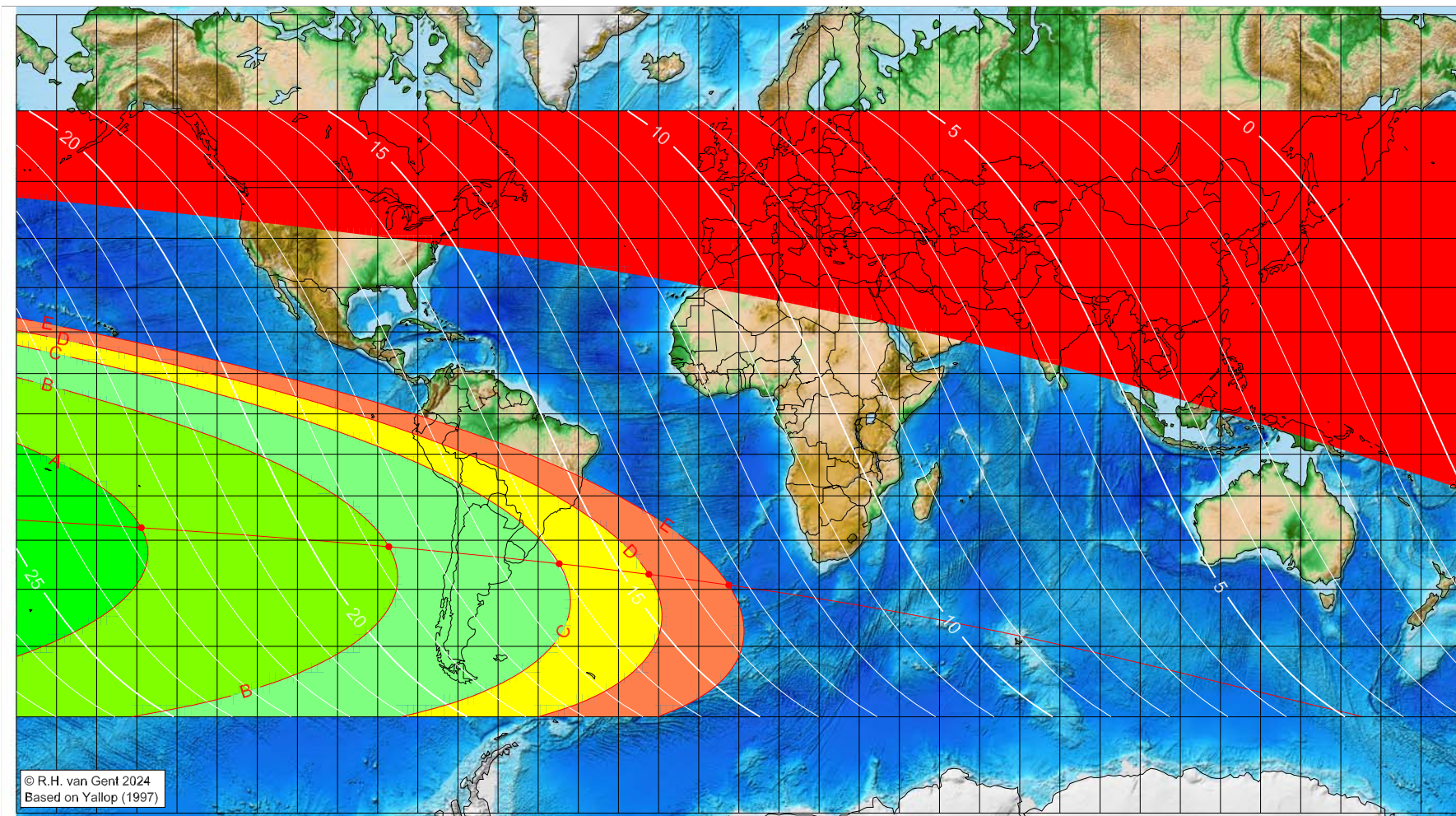


# First visibility lunar crescent for Jumādā 'l-Ākhira 1446 AH

Global visibility map for 1 December 2024 [Sunday]  
Day of luni-solar conjunction



© R.H. van Gent 2024  
Based on Yallop (1997)

Astronomical New Moon: 1 December 2024, 6h 21.5m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1261  
Islamic Lunation Number = 17346  
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°)

Longitude (°)	Latitude (°)	Lunar age (h)
-148.90	-27.26	22.69
-87.21	-31.39	18.68
-44.76	-34.93	15.97
-22.43	-37.07	14.56
-2.51	-39.17	13.32

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

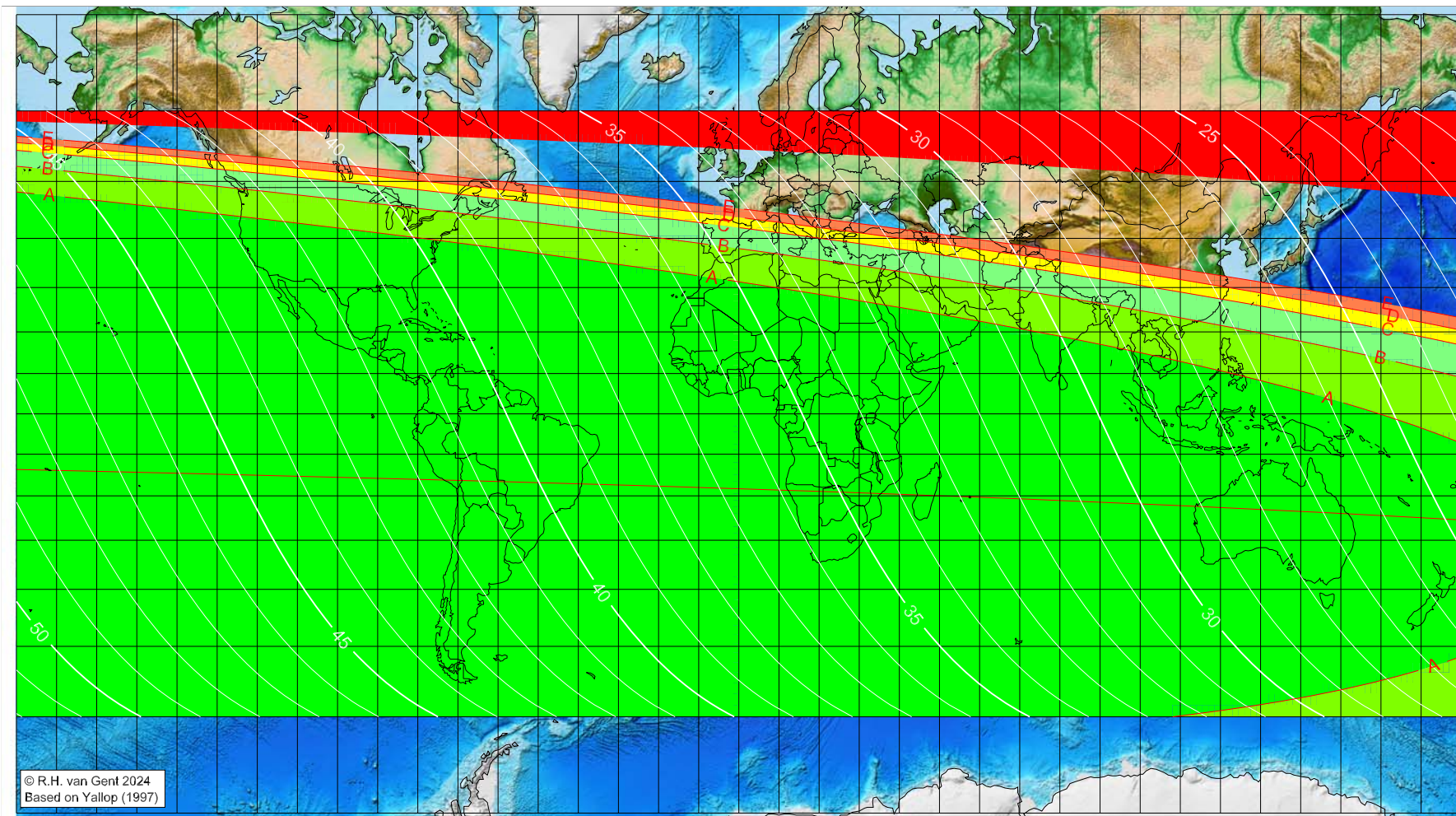
■ moonset before sunset

■ before conjunction (astronomical new moon)

More info: <https://webspacescience.uu.nl/~gent0113/>

# First visibility lunar crescent for Jumādā 'l-Ākhira 1446 AH

Global visibility map for 2 December 2024 [Monday]  
Day after luni-solar conjunction



Astronomical New Moon: 1 December 2024, 6h 21.5m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1261  
Islamic Lunation Number = 17346  
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°)

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

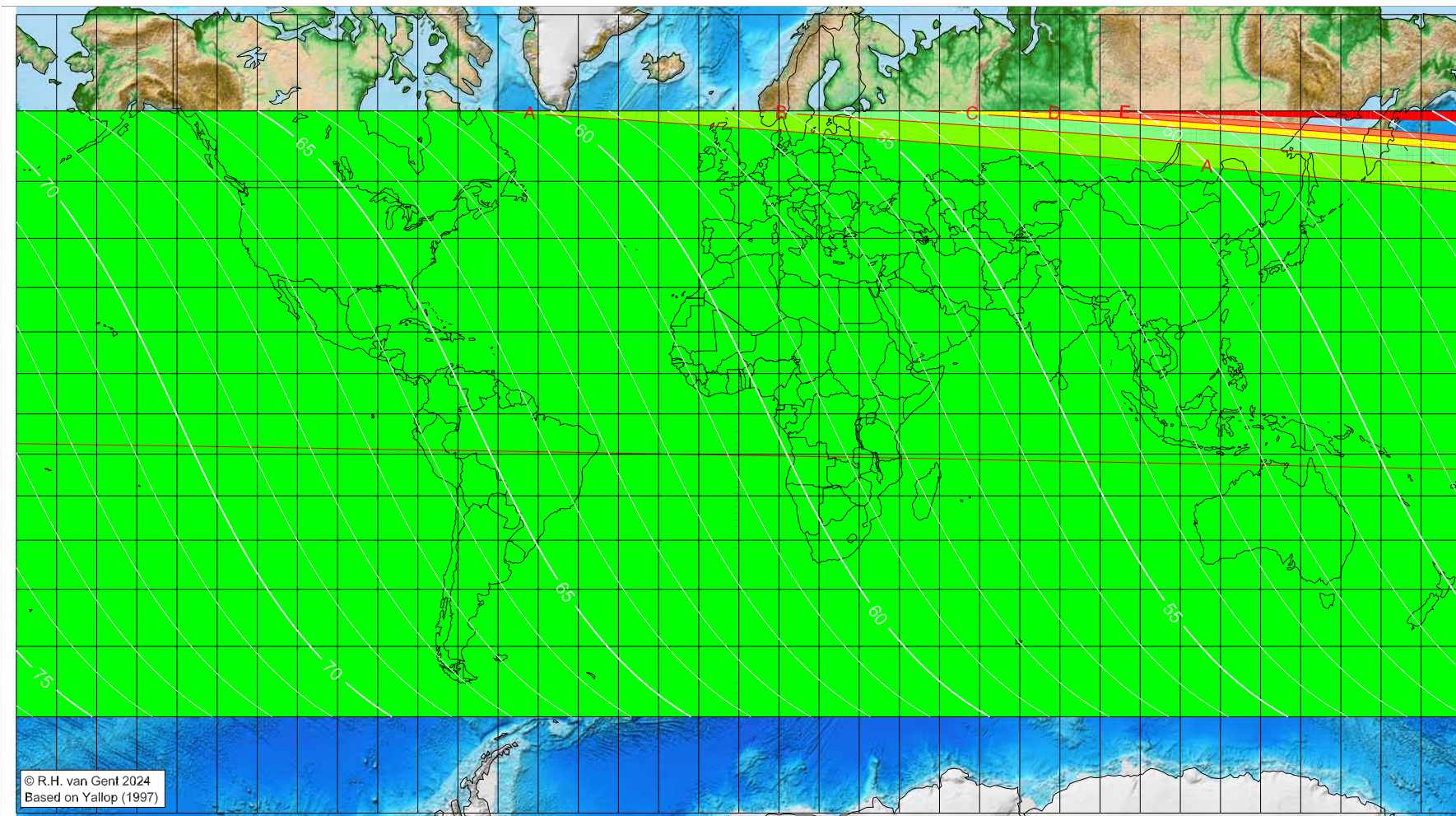
Lunar age (in hours) is given for the 'best time',  
defined as the moment 4/9ths between sunset  
and moonset

- moonset before sunset
- before conjunction (astronomical new moon)

More info: <https://webspacescience.uu.nl/~gent0113/>

# First visibility lunar crescent for Jumādā 'l-Ākhira 1446 AH

Global visibility map for 3 December 2024 [Tuesday]  
Second day after luni-solar conjunction



Astronomical New Moon: 1 December 2024, 6h 21.5m (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 ( $7^\circ$ )
- moonset before sunset
- before conjunction (astronomical new moon)

Astronomical (Brown) Lunation Number = 1261  
Islamic Lunation Number = 17346  
 $TT - UT [= \Delta T] = 1.1 \text{ min}$

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

More info: <https://webspacescience.uu.nl/~gent0113/>