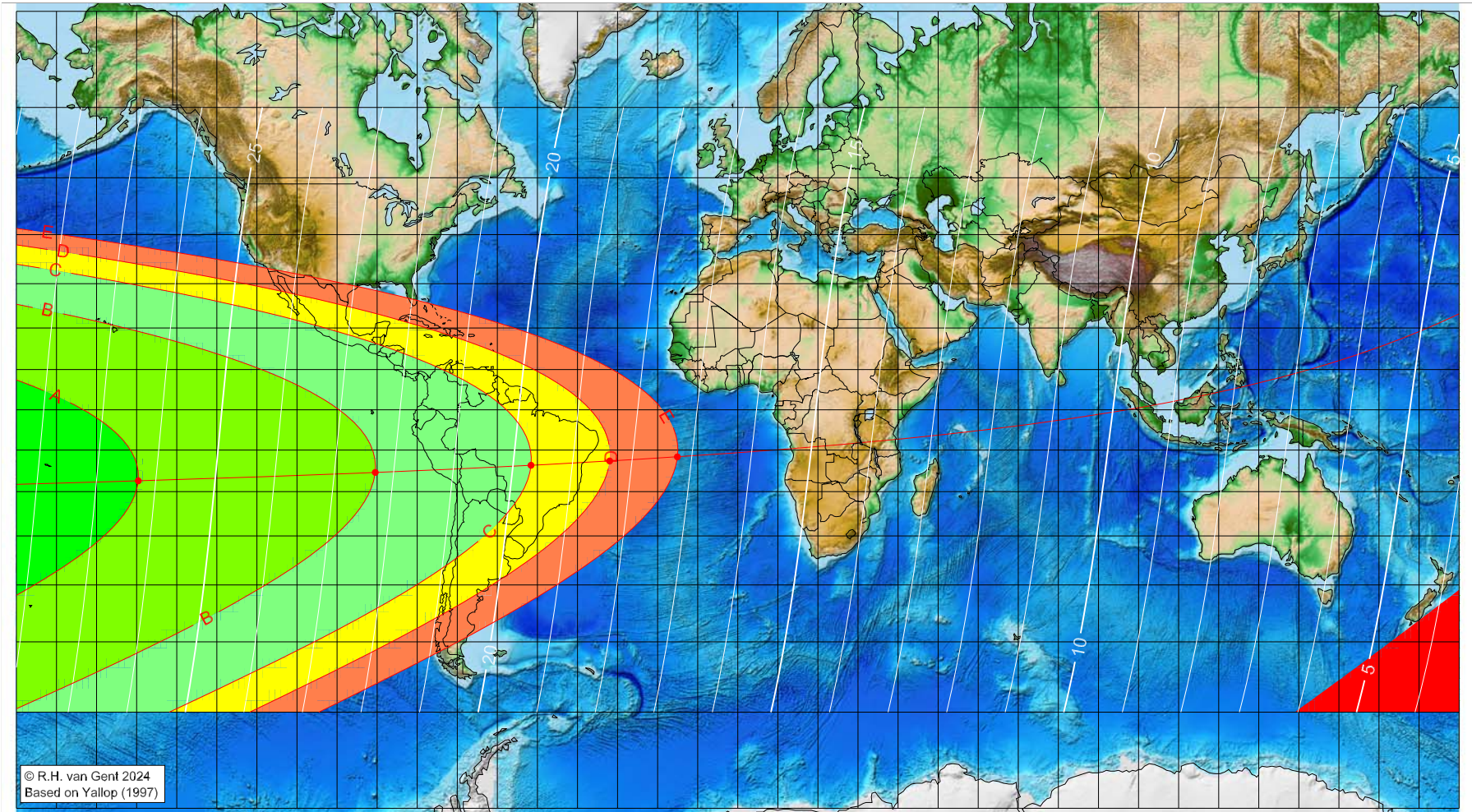


First visibility lunar crescent for Rabīʿ al-Awwal 1446 AH

Global visibility map for 3 September 2024 [Tuesday]
Day of luni-solar conjunction



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

Astronomical New Moon: 3 September 2024, 1h 55.4m (UTC)

First visibility (●)

Astronomical (Brown) Lunation Number = 1258

Islamic Lunation Number = 17343

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

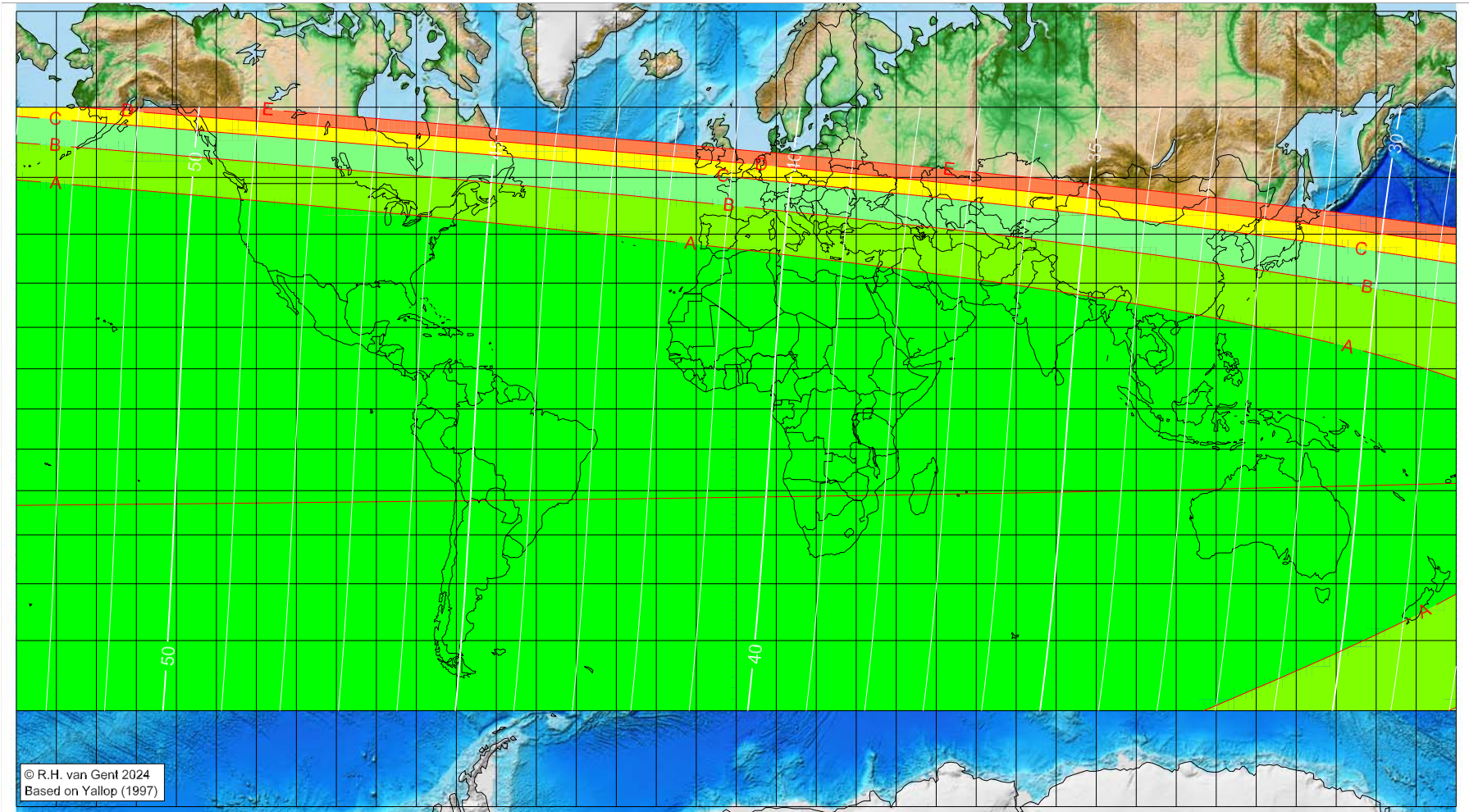
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset before sunset
- before conjunction (astronomical new moon)

Longitude (°)	Latitude (°)	Lunar age (h)
-149.60	-17.45	26.30
-90.46	-15.44	22.31
-51.60	-13.71	19.70
-31.97	-12.67	18.38
-15.07	-11.66	17.24

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

First visibility lunar crescent for Rabīʿ al-Awwal 1446 AH

Global visibility map for 4 September 2024 [Wednesday]
Day after luni-solar conjunction



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

Astronomical New Moon: 3 September 2024, 1h 55.4m (UTC)

First visibility (•)

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

Astronomical (Brown) Lunation Number = 1258

Islamic Lunation Number = 17343

TT - UT [= ΔT] = 1.2 min

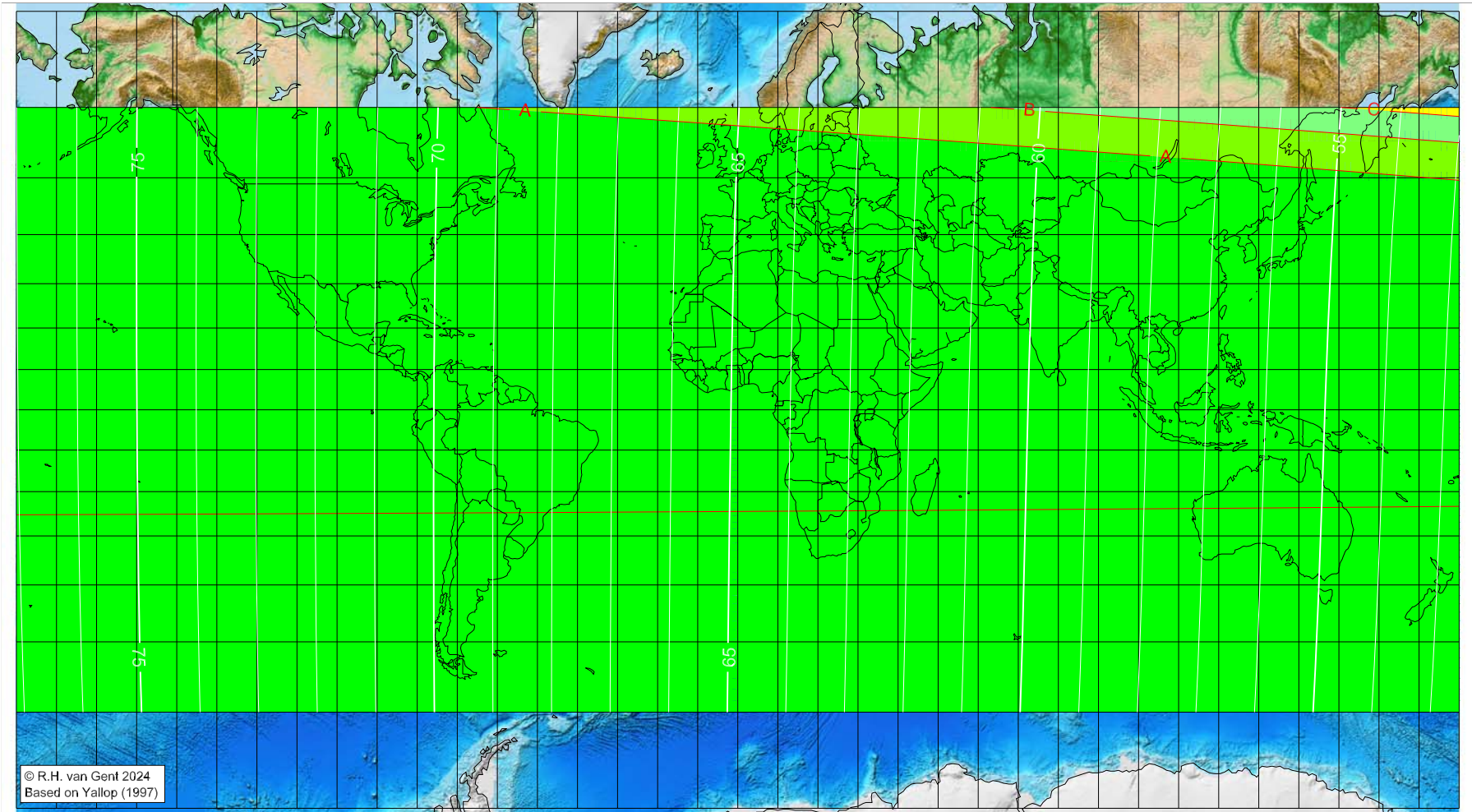
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- 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)

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

First visibility lunar crescent for Rabīʿ al-Awwal 1446 AH

Global visibility map for 5 September 2024 [Thursday]
 Second day after luni-solar conjunction



Astronomical New Moon: 3 September 2024, 1h 55.4m (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 = 1258
 Islamic Lunation Number = 17343
 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: <https://webspacescience.uu.nl/~gent0113/>