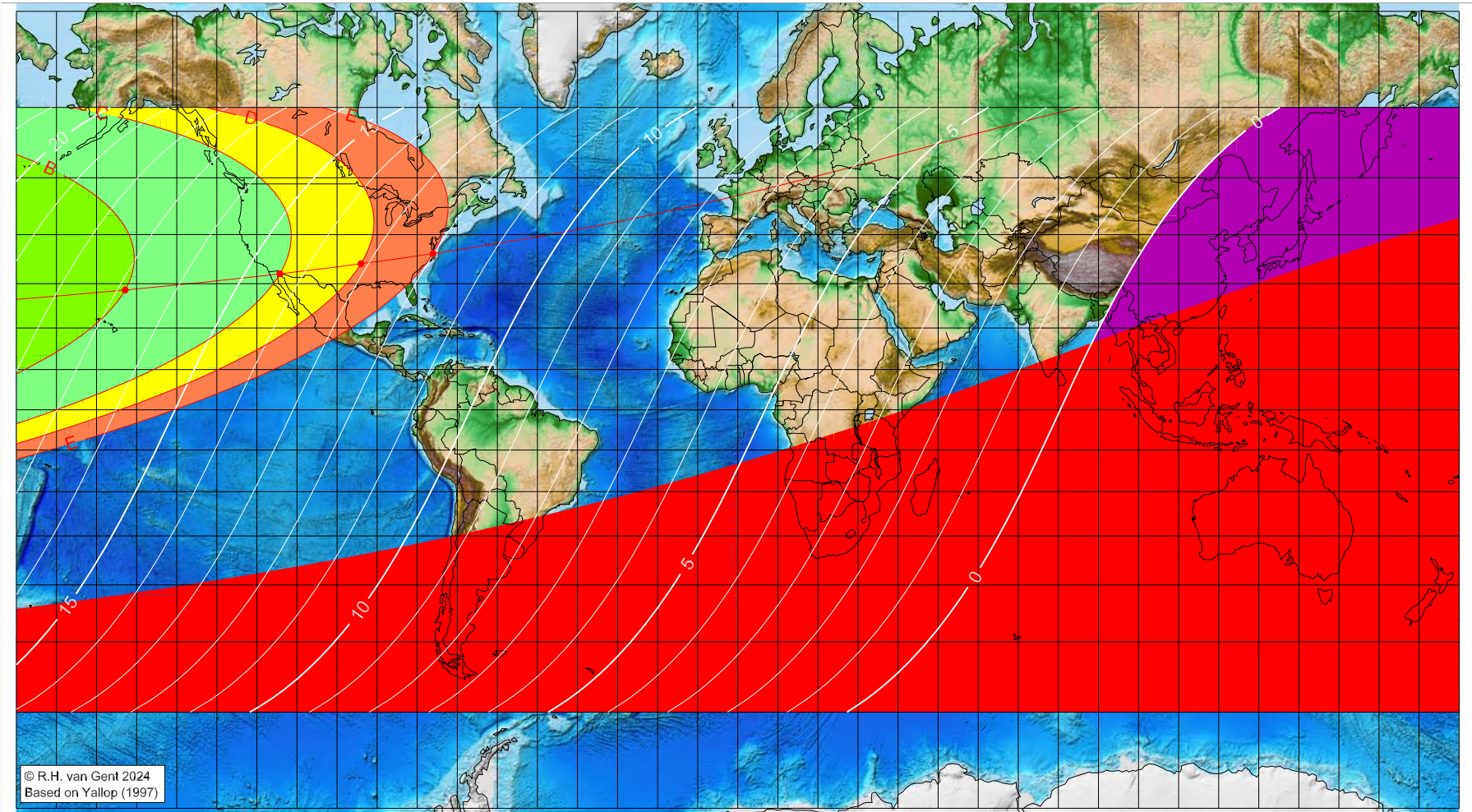


First visibility lunar crescent for Dhu 'l-Hijja 1445 AH

Global visibility map for 6 June 2024 [Thursday]
Day of luni-solar conjunction



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

Astronomical New Moon: 6 June 2024, 12h 37.7m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
-152.86	28.63	16.87
-114.25	32.11	14.40
-94.03	34.21	13.13
-76.06	36.27	12.01

Astronomical (Brown) Lunation Number = 1255
Islamic Lunation Number = 17340
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°)

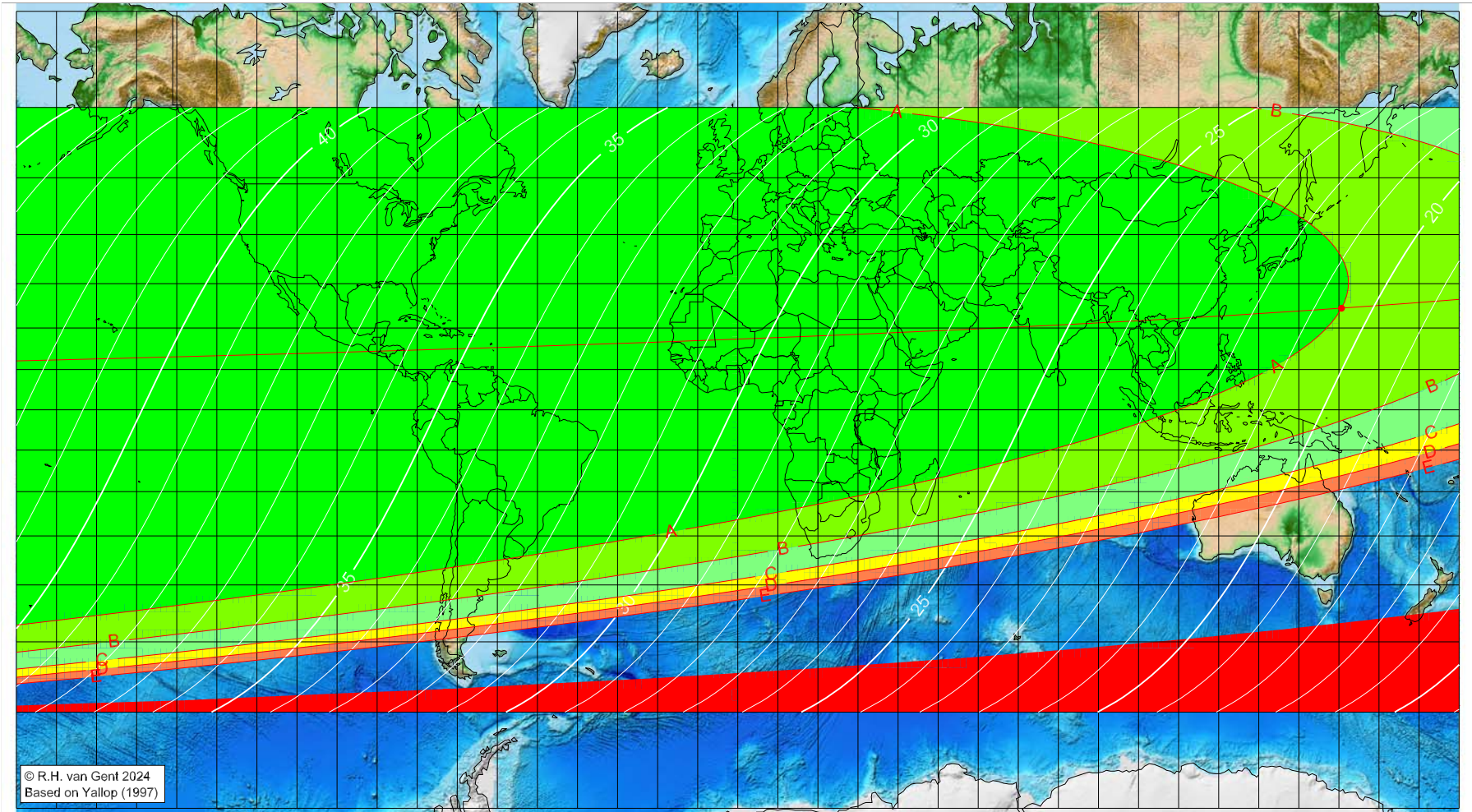
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

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

First visibility lunar crescent for Dhu 'l-Hijja 1445 AH

Global visibility map for 7 June 2024 [Friday]
Day after luni-solar conjunction



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

Astronomical New Moon: 6 June 2024, 12h 37.7m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
150.65	24.57	20.53
visible on the previous evening		
visible on the previous evening		
visible on the previous evening		

Astronomical (Brown) Lunation Number = 1255
Islamic Lunation Number = 17340
TT - UT [= ΔT] = 1.2 min

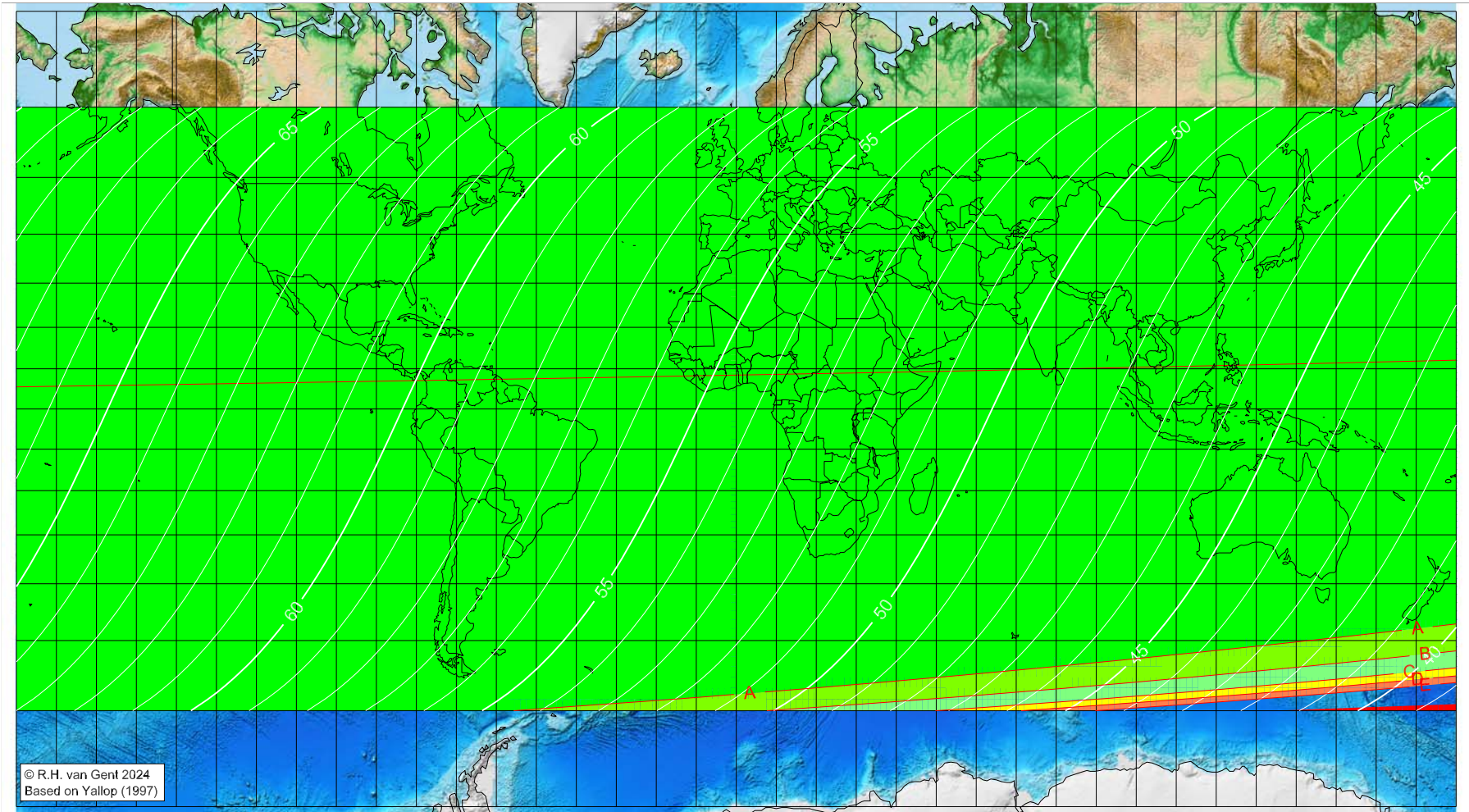
Lunar age (in hours) is given for the 'best time',
defined as the moment 4/9ths between sunset
and moonset

- 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 Dhu 'l-Hijja 1445 AH

Global visibility map for 8 June 2024 [Saturday]
Second day after luni-solar conjunction



Astronomical New Moon: 6 June 2024, 12h 37.7m (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 = 1255
Islamic Lunation Number = 17340
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/>