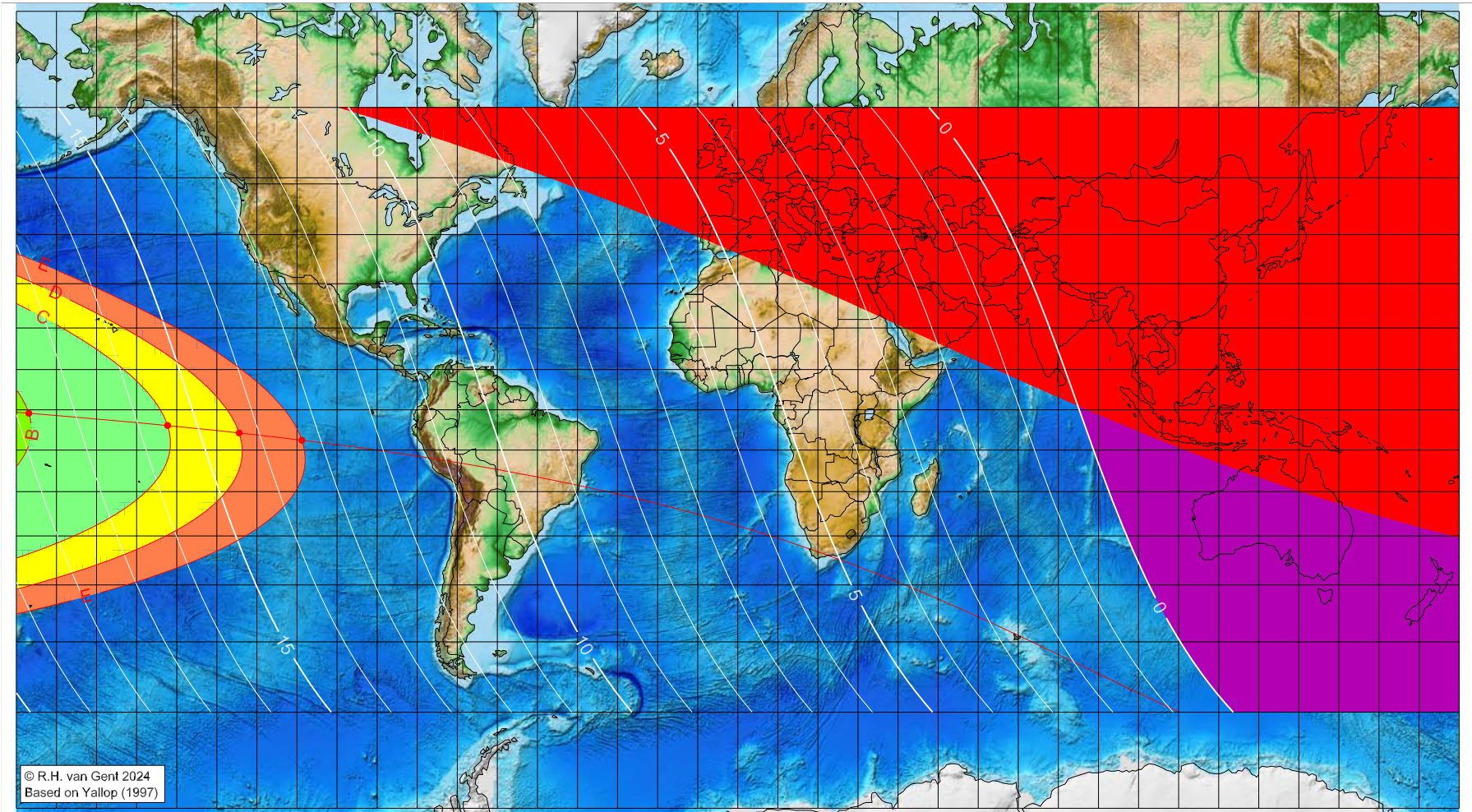


First visibility lunar crescent for Shaʿbān 1446 AH

Global visibility map for 29 January 2025 [Wednesday]
Day of luni-solar conjunction



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

Astronomical New Moon: 29 January 2025, 12h 36.0m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-176.91	-0.87	17.78
-142.29	-3.91	15.50
-124.43	-5.77	14.34
-108.77	-7.58	13.32

Astronomical (Brown) Lunation Number = 1263

Islamic Lunation Number = 17348

TT - UT [= ΔT] = 1.1 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°)

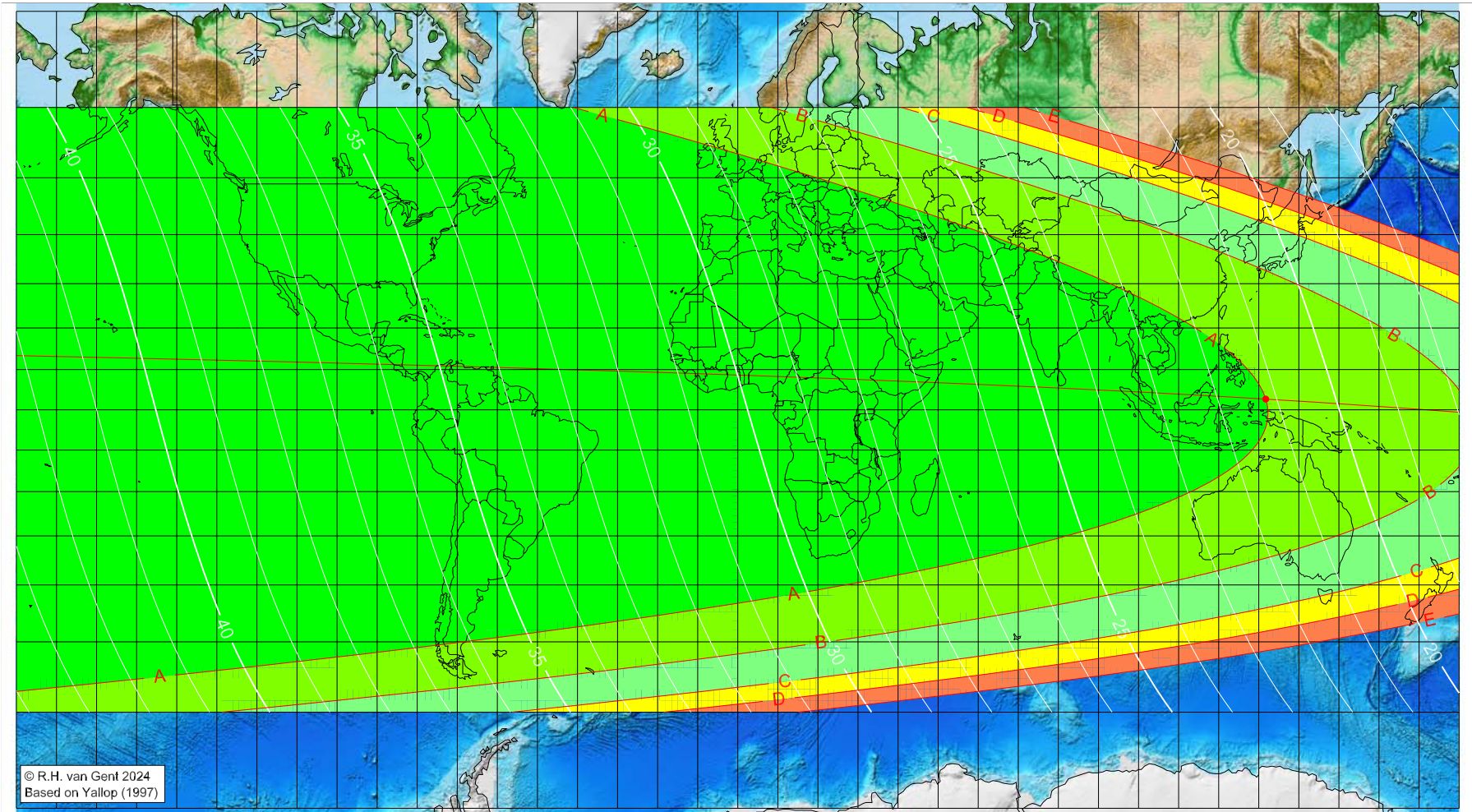
■ moonset before sunset

■ before conjunction (astronomical new moon)

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

First visibility lunar crescent for Sha‘bān 1446 AH

Global visibility map for 30 January 2025 [Thursday]
Day after luni-solar conjunction



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

Astronomical New Moon: 29 January 2025, 12h 36.0m (UTC)

First visibility (●)

Longitude (°)	Latitude (°)	Lunar age (h)
131.75	2.67	21.19

visible on the previous evening
visible on the previous evening
visible on the previous evening

Astronomical (Brown) Lunation Number = 1263
Islamic Lunation Number = 17348
TT - UT [= ΔT] = 1.1 min

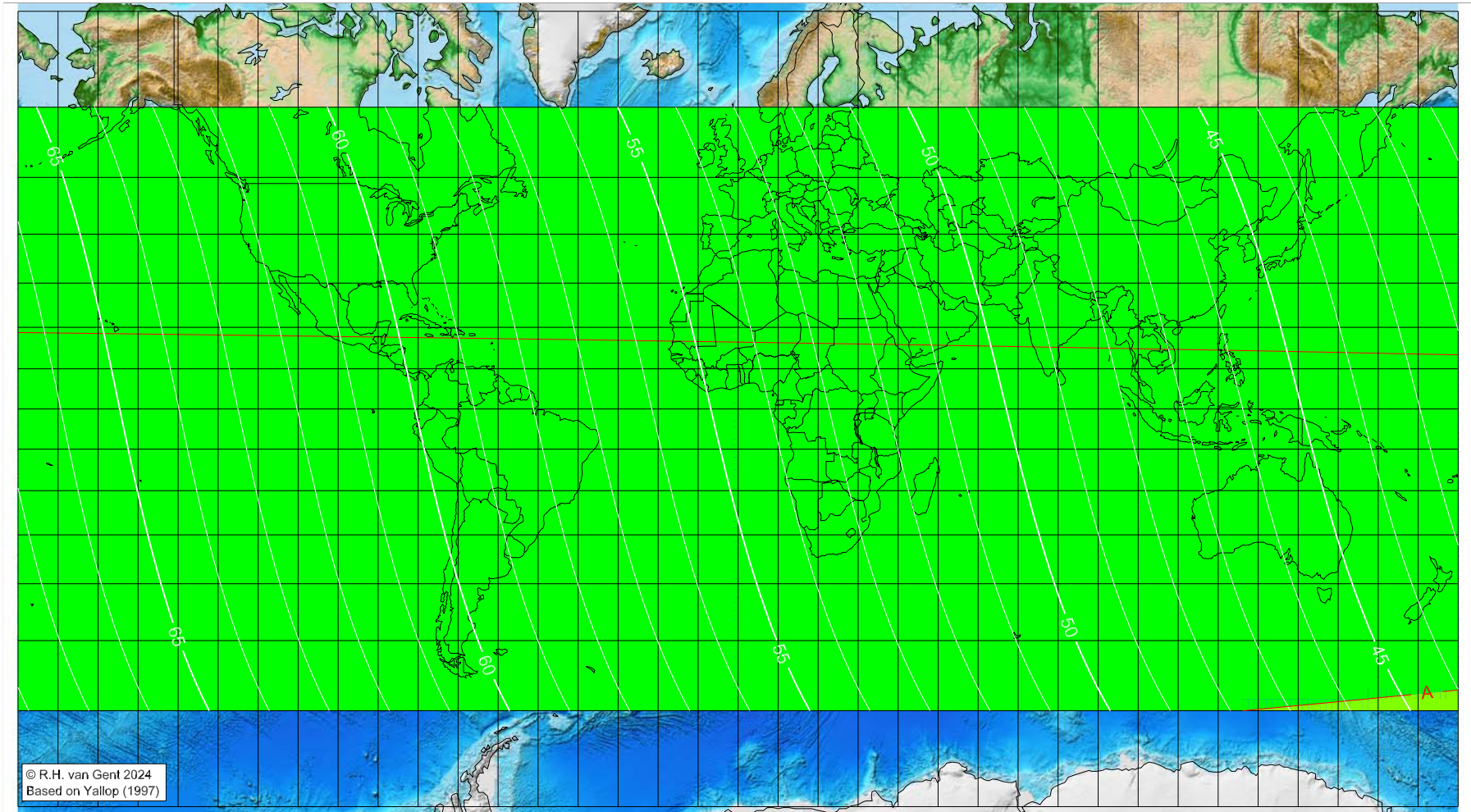
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

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/>

First visibility lunar crescent for Sha'bān 1446 AH

Global visibility map for 31 January 2025 [Friday]
Second day after luni-solar conjunction



Astronomical New Moon: 29 January 2025, 12h 36.0m (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 = 1263
Islamic Lunation Number = 17348
TT – UT [= ΔT] = 1.1 min

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

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