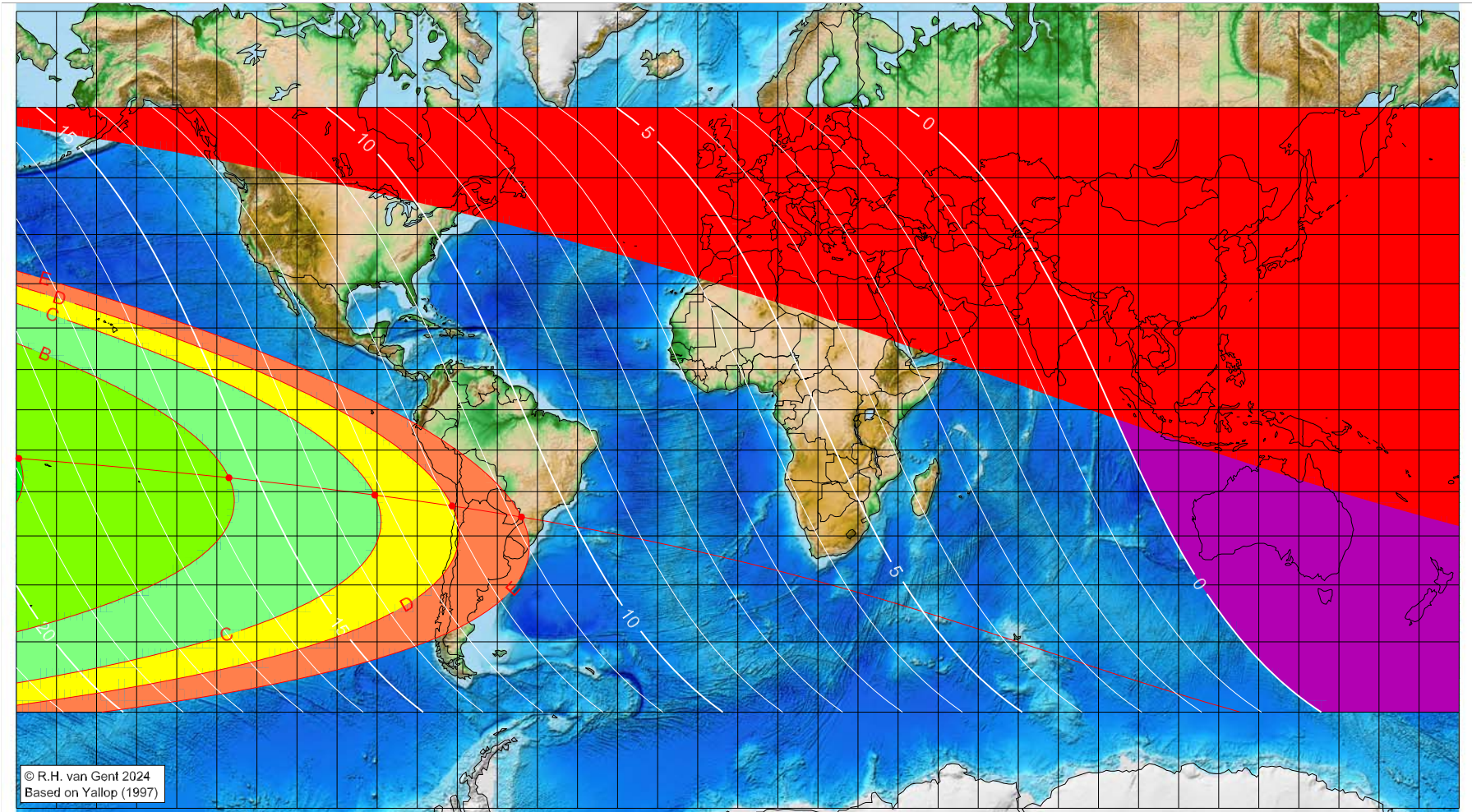


First visibility lunar crescent for Rajab 1445 AH

Global visibility map for 11 January 2024 [Thursday]
Day of luni-solar conjunction



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

Astronomical New Moon: 11 January 2024, 11h 57.4m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1250

Islamic Lunation Number = 17335

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°)

| Longitude (°) | Latitude (°) | Lunar age (h) |
|---------------|--------------|---------------|
| -179.41 | -12.05 | 18.89 |
| -126.97 | -16.72 | 15.48 |
| -90.59 | -20.80 | 13.15 |
| -71.30 | -23.32 | 11.93 |
| -53.97 | -25.83 | 10.84 |

■ moonset before sunset

■ before conjunction (astronomical new moon)

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