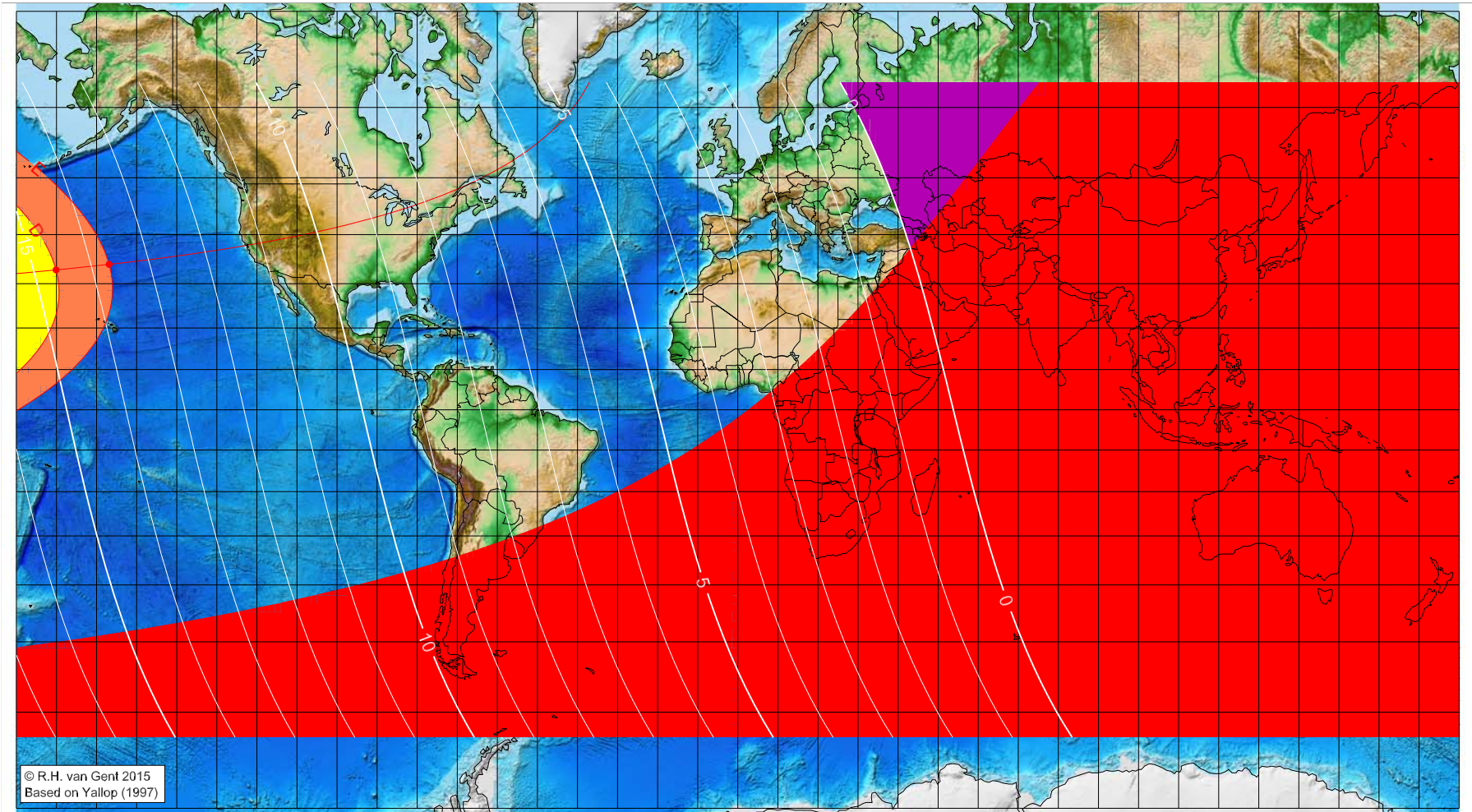


First visibility lunar crescent for Jumādā 'I-Ūlā 1437 AH

Global visibility map for 8 February 2016 [Monday]
Day of luni-solar conjunction



© R.H. van Gent 2015
Based on Yallop (1997)

Astronomical New Moon: 8 February 2016, 14h 39.0m (UTC)

First visibility (•)

Longitude (°)	Latitude (°)	Lunar age (h)
-170.12	32.93	14.62
-156.87	34.08	13.69

Astronomical (Brown) Lutation Number = 1152
Islamic Lutation Number = 17237
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°)

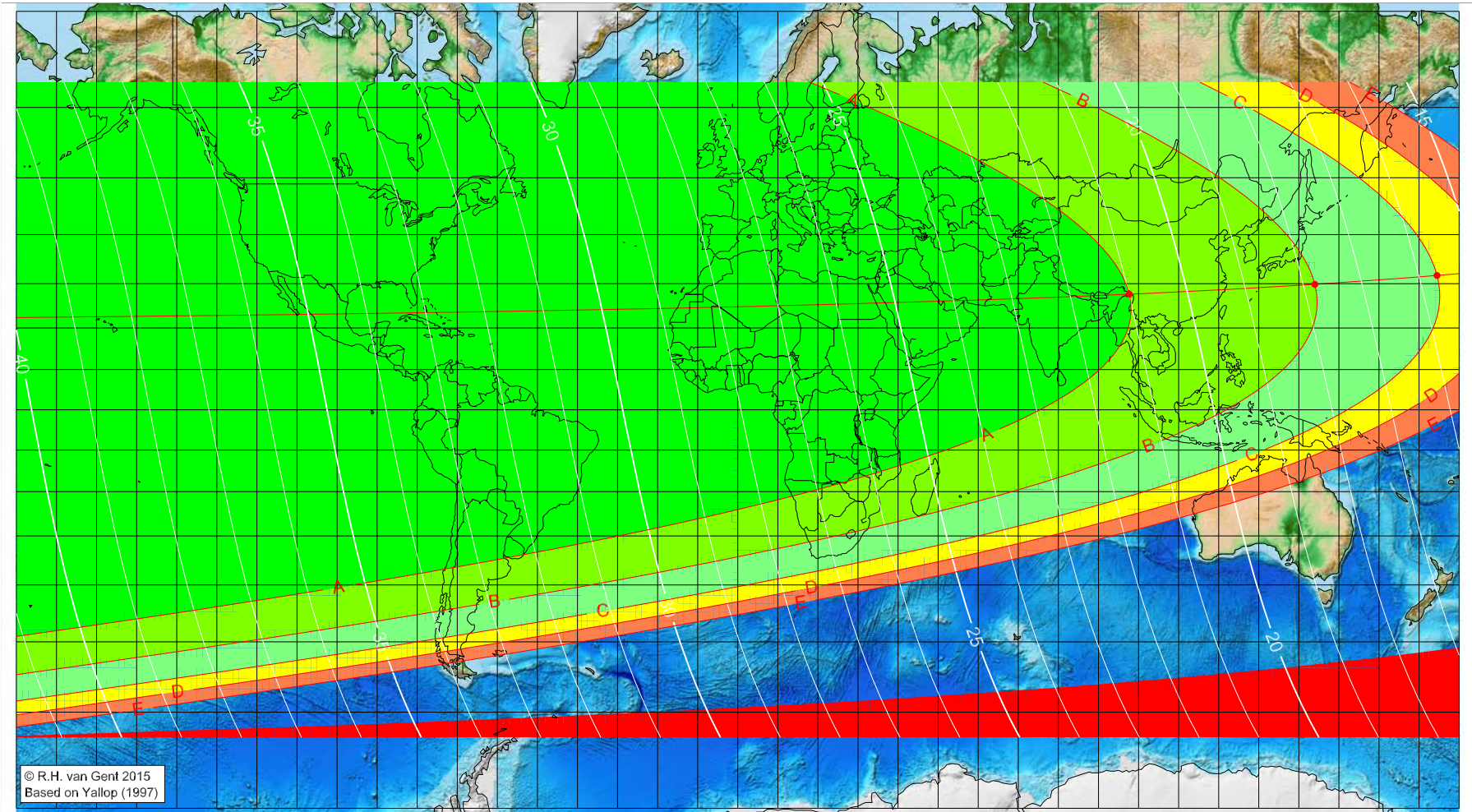
Lunar age (in hours) is given for the 'best time', defined as the moment 4/9ths between sunset and moonset

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

More info: <http://www.staff.science.uu.nl/~gent0113/>

First visibility lunar crescent for Jumādā 'l-Ūlā 1437 AH

Global visibility map for 9 February 2016 [Tuesday]
Day after luni-solar conjunction



© R.H. van Gent 2015
Based on Yallop (1997)

Astronomical New Moon: 8 February 2016, 14h 39.0m (UTC)

First visibility (•)

Astronomical (Brown) Lunation Number = 1152

Islamic Lunation Number = 17237

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

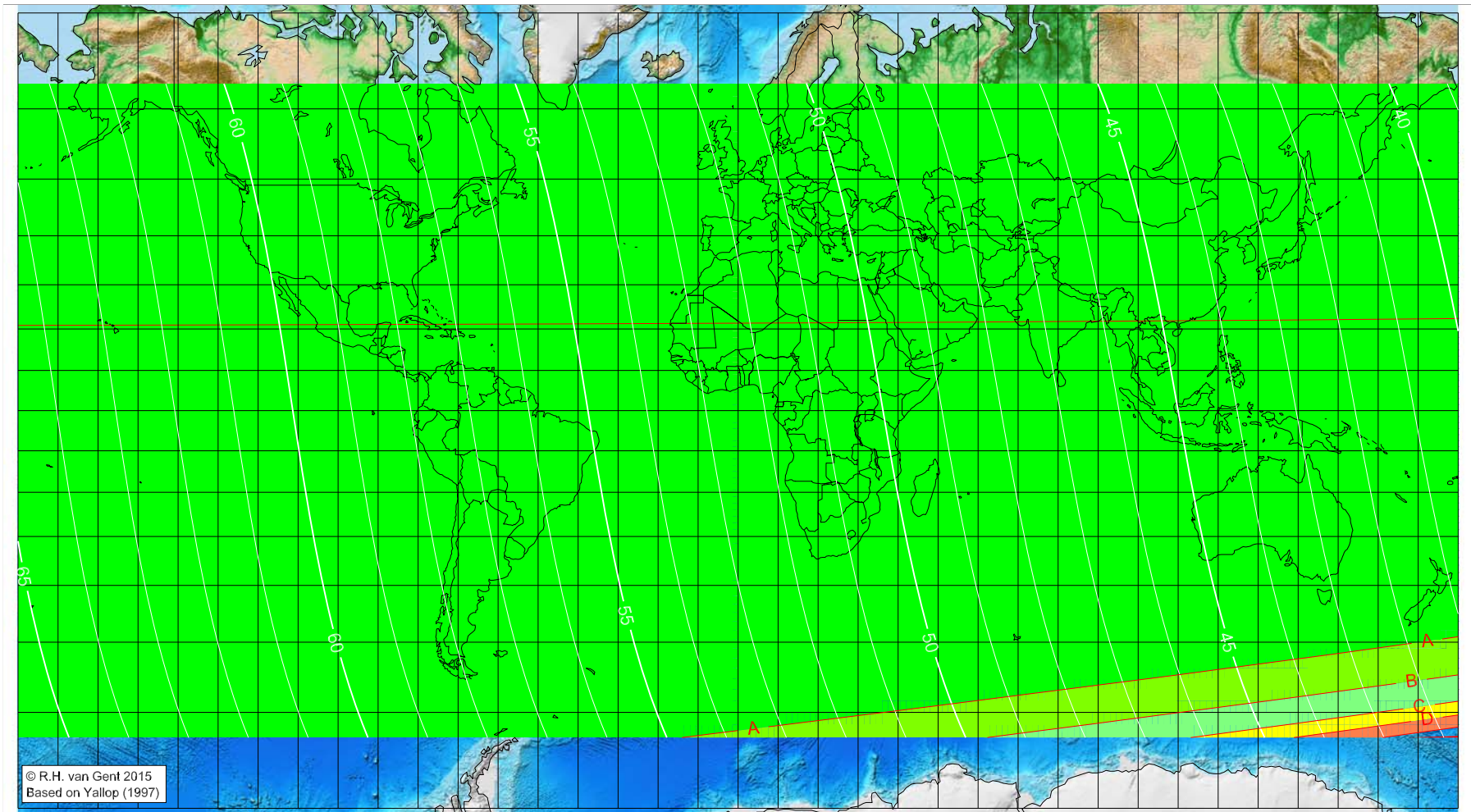
- A – easily visible to the unaided eye
- B – visible under perfect atmospheric conditions
- C – visible to the unaided eye after found with optical aid
- D – only visible with binoculars or conventional telescopes
- E – not visible with conventional telescopes
- F – below Danjon limit (7°)
- moonset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

Longitude (°)	Latitude (°)	Lunar age (h)
97.67	27.71	20.99
144.00	29.85	17.80
174.48	31.76	15.69
visible on the previous evening		
visible on the previous evening		

More info: <http://www.staff.science.uu.nl/~gent0113/>

First visibility lunar crescent for Jumādā 'l-Ūlā 1437 AH

Global visibility map for 10 February 2016 [Wednesday]
Second day after luni-solar conjunction



Astronomical New Moon: 8 February 2016, 14h 39.0m (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 = 1152
Islamic Lunation Number = 17237
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: <http://www.staff.science.uu.nl/~gent0113/>