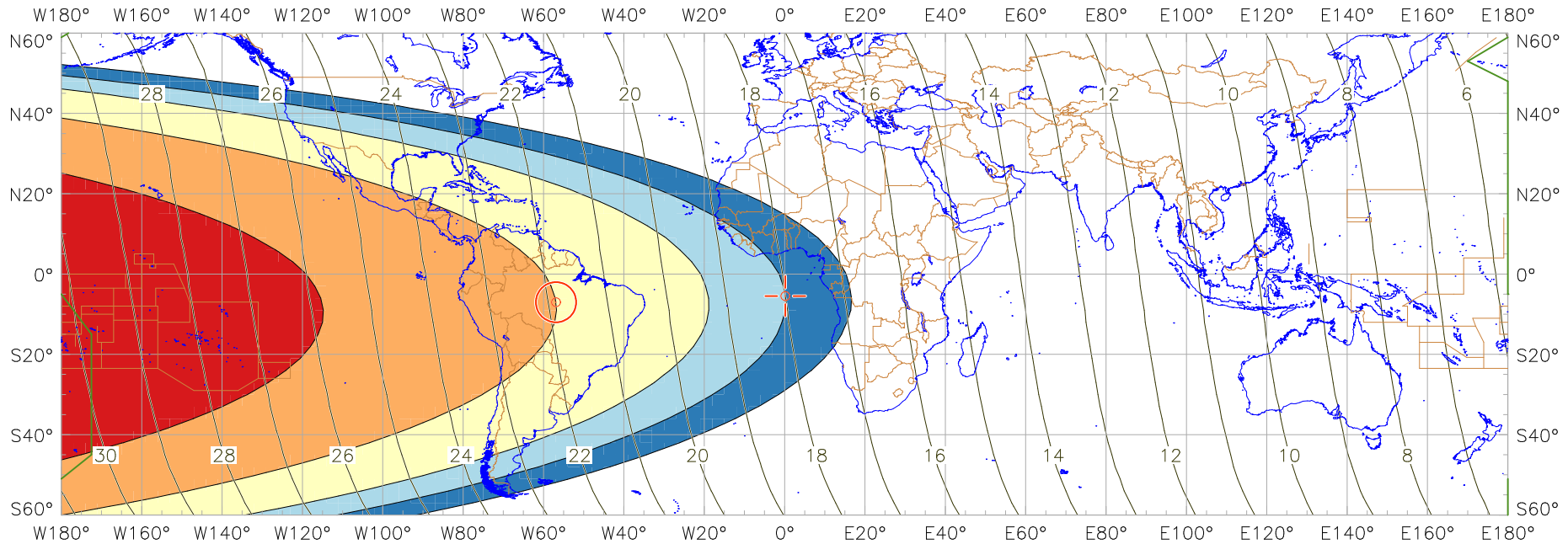


## Visibility of the New Crescent Moon for 2015 October 13 (Muharram 1437 AH)



New Moon occurred at 2015 October 13 at 00:06 UT

Age of the Moon at first visibility with the naked eye = 21.87 hours

Age of the Moon in hours at the "Best time" ——— 20 ———

Age of the Moon at first visibility with a telescope = 18.00 hours

### New Crescent Moon Visibility Key – Colour Coding of Shaded Areas

- |  |   |
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| <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 45%;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: red; margin-right: 5px;"></div> <span>A – Easily visible to the naked eye</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: orange; margin-right: 5px;"></div> <span>B – Visible to the naked eye under perfect conditions</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: yellow; margin-right: 5px;"></div> <span>C – May need optical aid to find the crescent moon initially</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: #f5deb3; margin-right: 5px;"></div> <span>Moon sets before the Sun</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; border: 1px solid red; border-radius: 50%; margin-right: 5px;"></div> <span>Predicted location of first visibility with the naked eye</span> </div> </div> </div> | <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 45%;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: lightblue; margin-right: 5px;"></div> <span>D – Will need optical aid to find the crescent moon</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: darkblue; margin-right: 5px;"></div> <span>E – Not visible with a conventional telescope</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> <span>F – Not visible – below the Danjon limit</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; border: 1px solid black; border-style: dashed; margin-right: 5px;"></div> <span>Moon prior to conjunction (new moon)</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 20px; border: 1px solid orange; border-style: dashed; margin-right: 5px;"></div> <span>Predicted location of first visibility with a telescope</span> </div> </div> </div> |
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