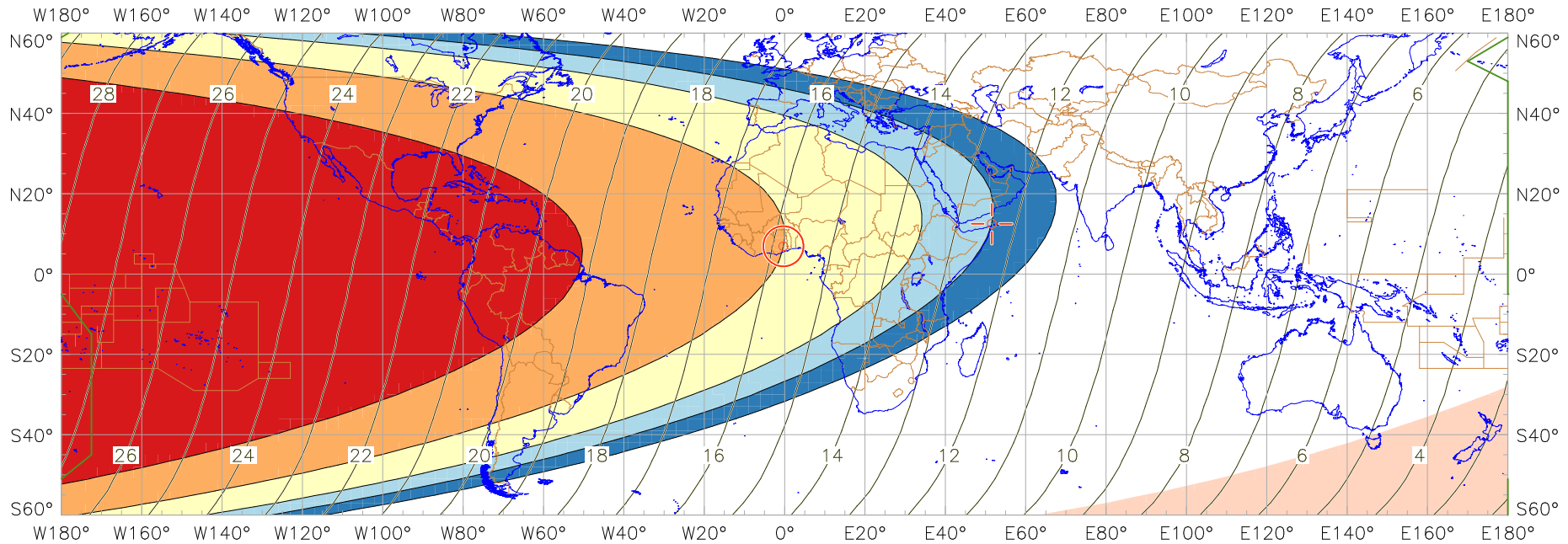


Visibility of the New Crescent Moon for 2020 August 19 (Muharram 1442 AH)



New Moon occurred at 2020 August 19 at 02:42 UT
 Age of the Moon at first visibility with the naked eye = 15.82 hours

Age of the Moon in hours at the "Best time" ——— 20 ———
 Age of the Moon at first visibility with a telescope = 12.40 hours

New Crescent Moon Visibility Key – Colour Coding of Shaded Areas

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