

Is the Earth really blue discussing from the Earthshine?

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The earthshine is a phenomenon that the part of shadow of the slim moon such as the new moon or the crescent moon reflects light of the earth and shows. We cannot feel blue of the earth as far as we are on the earth. Then we thought that we might feel blue on the earth if we used the earthshine we can see when reflecting light of the earth. Based on a precedent study, we photographed one-day earthshine continually and decided to analyze blue of the earth from the change of the color by altitude. As the result of having analyzed a photograph, as for the earthshine, a ratio of blue became higher than sunshine in many ways of the graph. It may be said that earthshine is always bluer than sunshine; is thought, but push forward more detailed analysis because accuracy is low.