

Star Gazers

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WHY IS THE HARVEST MOON ORANGE?

GREETINGS MY FAVORITE STAR HARVESTERS – SEPTEMBER 10TH IS THE OFFICIAL NIGHT OF THE HARVEST MOON, AND IT WILL RISE AT SUNSET AND LIGHT UP THE ENTIRE NIGHT; THIS BRIGHT MOON GAVE FARMERS MORE LIGHT TO HARVEST THEIR CROPS!

HIT THE SKIES JUST AFTER SUNSET ON SEPTEMBER 10TH AND LOOK EAST. THE HARVEST MOON WILL RISE AS THE SUN SETS AND WILL HAVE AN ORANGE TINT!

THE ORANGE HAS TO DO WITH THE COMPONENTS OF VISIBLE LIGHT. WHEN WE LOOK AT THE MOON CLOSE TO THE HORIZON, THERE'S MORE AIR BETWEEN US AND THE MOON. THAT AIR SCATTERS MORE OF THE MOONLIGHT. AS RED LIGHT SCATTERS LEAST, SO THE MOON APPEARS MORE REDDISH-ORANGE!

DURING A FULL HARVEST MOON, YOU EXPERIENCE 12 HOURS OF DAYLIGHT FROM THE SUN AND 12 HOURS OF MOONLIGHT FROM THE MOON – IF YOU WATCH THE MOON SET BEFORE SUNRISE, IT'LL BE ORANGE AGAIN – AS IT CASTS ITS REFLECTED LIGHT THROUGH A THICKER ATMOSPHERE.

HAPPY HARVEST Y'ALL AND KEEP LOOKING UP!