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The importance of the moon on the ecosystem is much larger than just the Tides and gravitational pull on earth. When the tide goes out in the ocean is when that side of the earth is being pulled by the moon forcing the water on that side of the planet to be pulled towards the moon, when the tide goes out is when the moon is not putting the ocean to that side of the planet. The moon also controls our seasons such as winter summer fall and spring. Without the moon we would not have these seasons also without the gravitational pull of the moon we would have much shorter days as the earth would spin much faster than usual making it colder on earth as the sun would have less time to warm the earth along with growing crops would be more difficult and keeping livestock from dying as a source of no food for them to eat. Some other things the moon affects is the feeding of certain animals along with the reproduction of other organisms such as coral reefs and animals in the ocean. The moon had a large effect on early life without it life as we know it may have never existed or evolved into what it is today. I believe without the moon life may have never existed and

without it today life would come to an end.

**Source:** Staughton, John, et al. "How Important Is The Moon For Life On Earth? " Science ABC." Science ABC, 8 Apr. 2019,

<https://www.scienceabc.com/nature/how-important-is-the-moon-for-life-on-earth.html>.