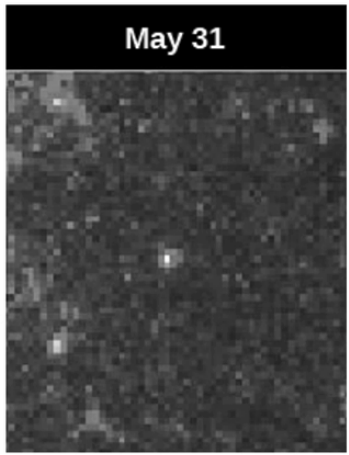
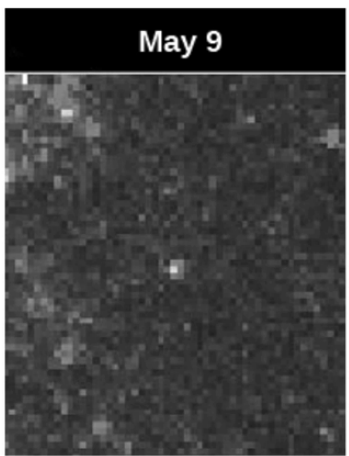
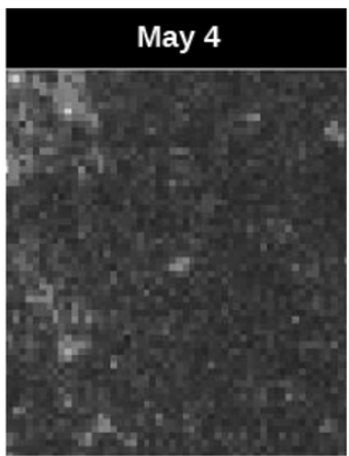
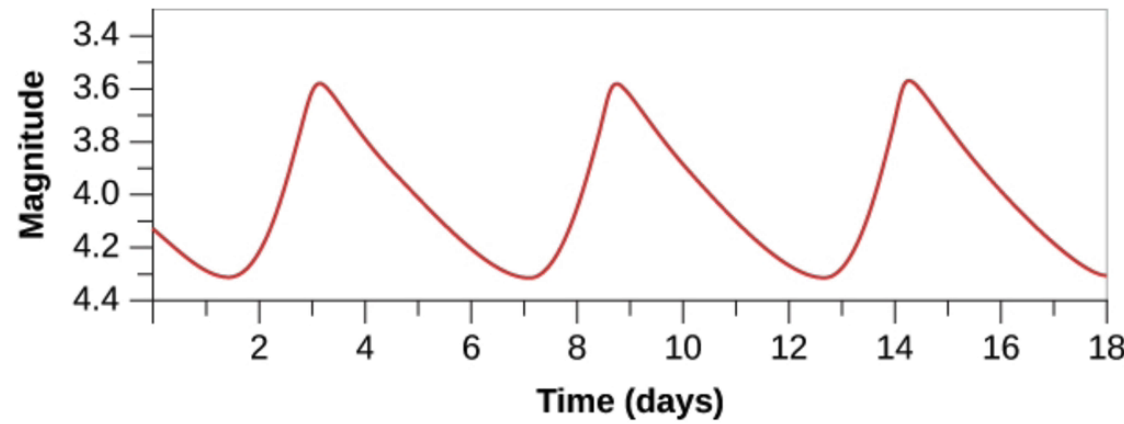
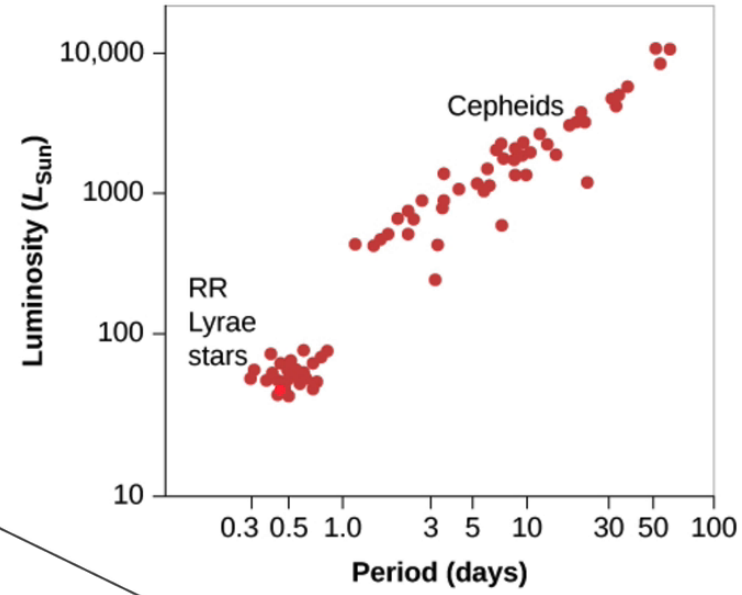


1 Cepheids are stars that get brighter and dimmer over time



2 Well defined relation between **Period** and **Luminosity**

Once we have Luminosity, we can compare with measured Brightness



Determine distance to the star

RR Lyrae are similar kinds of stars