5.7: Images from the Telescope

Once the image is focused and magnified by the telescope, the image can be viewed several ways. **Visually** the image can be viewed by the eye. The image can be captured by a film camera (mostly historical), digital camera or video, or Charge-Couple Device (CCD); the telescope becomes the camera lens; **Digital or Photographic astrophotography**.

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A spectroscope breaks the light of the incoming image into its component wavelengths for study, called **spectroscopy**. And a **photometer** measures the amount of incoming light.

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