

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**.



CC BY 2.0 | Image courtesy of Wikimedia Author: Roland Tanglao.

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.



CC BY 3.0 | Image courtesy of Wikimedia Author: Reptonix.

This page titled [5.7: Images from the Telescope](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [Lumen Learning](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.