



Plate 2: The Hubble Ultra Deep Field. Above is a combination of images taken with two cameras on the Hubble Space Telescope showing an estimated 10,000 galaxies. Galaxies too faint to be seen from ground-based telescopes are revealed in an area of the sky $1/10^{\text{th}}$ the diameter of the full moon. The million-second-long exposure shows light emitted from galaxies just 400 to 800 million years after the Big Bang. Wavelengths of light used to create this image include the visible colors of blue, green, red, and invisible near-infrared. *Image Credit: NASA, ESA, S. Beckwith (STScI) and the HUDF Team.*