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ULTRAVIOLET PICTURE OF VENUS

Measurements made by the Pioneer Venus Orbiter ultraviolet spectrometer show the atomic hydrogen cloud surrounding Venus. The Crescent shape image shows atomic oxygen in the upper atmosphere while the horizontal bars show atomic hydrogen extending far above the atmosphere. These results demonstrate that atomic hydrogen escapes only very slowly from Venus. This is a false color image with yellow and orange representing high intensity and blue showing low intensity.

The principal investigator for this experiment is Dr. A. Ian Stewart, Laboratory for Atmospheric and Space Physics, University of Colorado at Boulder.

