



**COVER** Galileo images of Venus showing the global structure of cloud patterns at two different depths in the upper cloud layers. Cloud patterns at the top of the main sulfuric acid haze layer of Venus and downwind of the subsolar region are seen in the violet region of the spectrum (top). The atmospheric flow is from right to left. An infrared image (bottom) shows cloud patterns at lower altitude. Pseudocolor has been used to enhance contrast. See page 1531. Other Galileo reports pages 1516 to 1550. [Photographs courtesy of the National Aeronautics and Space Administration and the National Optical Astronomy Observatories]

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