

# ***PHYSICS TODAY***

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**COVER:**

The interactions of clouds with land and atmosphere are an important but incompletely understood determinant of global climate change. Several satellites carry instruments that look at clouds; those spacecraft include *Landsat 7*, which took this image of clouds over the Aleutian Islands, and satellites in the A-Train convoy, the subject of the article beginning in page 36. The A- Train does more than observe cloud properties; its coordinated measurements address aerosol effects and many features of (Courtesy of the USGS EROS Data Center.)