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ON THE COVER
The 305-meter-wide radio dish of Puerto Rico’s Arecibo Observatory, as seen from above in the late 1980s. For nearly 60 years, the telescope stood at the vanguard of astronomy, planetary science, and atmospheric science. On 1 December 2020, its heavy instrument platform collapsed after the failure of its suspension cables. Researchers are examining the causes of the disaster even as they advocate for rebuilding. See page 225.

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