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(Cover left) Optical effects produced by water droplets in a cloud photographed 10 minutes prior to seeding with silver iodide. After artificial seeding, optical effects produced by ice crystals appeared (upper right and lower left and right). See page 1043. [Photographs, upper left and right, P. V. Hobbs and L. F. Radke, Atmospheric Sciences Department, University of Washington, Seattle; photographs lower left and right, F. M. Turner, University of Washington]