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## Billow Clouds

produced by Kelvin-Helmholtz instability

Billow clouds are created from instability associated with air flows having marked vertical shear and weak thermal stratification. The common name for this instability is Kelvin-Helmholtz instability. These instabilities are often visualized as a row of horizontal eddies aligned within this layer of vertical shear.



-- Photograph by Bob Rilling --  
-- U. of Illinois Cloud Catalog --

Photograph by: [Rilling](#)

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[Terms](#) for using data resources. [CD-ROM](#) available.

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