

The background image shows a vast, icy landscape under a clear blue sky. The sun is positioned in the upper left quadrant, emitting a bright, radial burst of light that illuminates the scene. In the foreground, numerous small, dark icebergs and floes are scattered across the light-colored, reflective surface of the water or ice.

Global Warming

Lecture 4.5

Clouds

Cloud nomenclature

- (a) Cirrus: high, wispy, means “lock of hair”
- (b) Stratus: low, layer, stretch far horizontally, means “layer”
- (c) Cumulus: puffy, look like cotton balls, can come in patterns, means “pile”
- (d) Alto: means “high”
- (e) Nimbus: means “rainstorm”

Mix terms to produce common cloud types i.e. “Cumulonimbus” and “Stratocumulus”



Fog: close to the surface



Contrail



Hole-punch cloud



hail

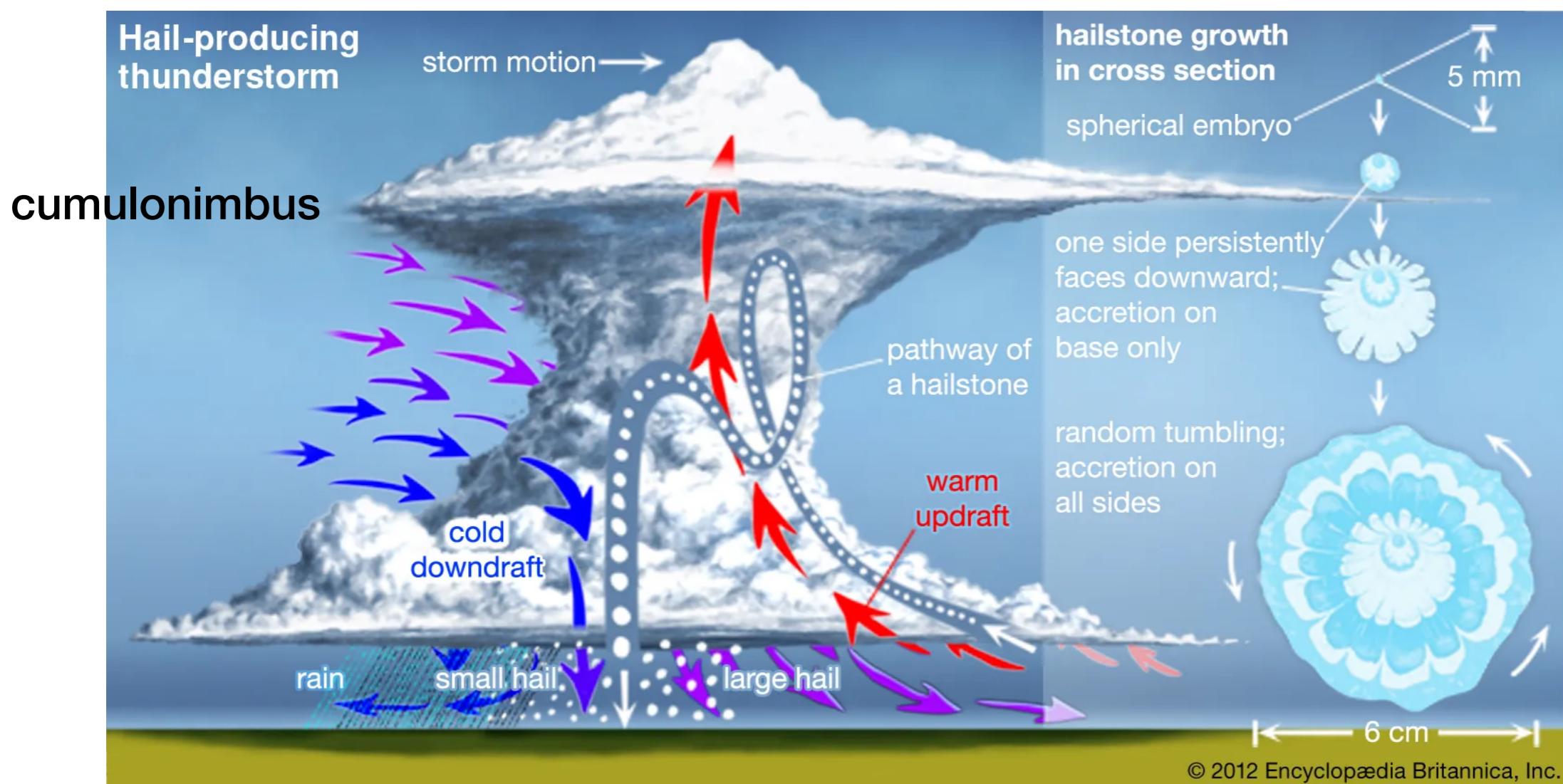


Image: Encyclopædia Britannica, Inc.

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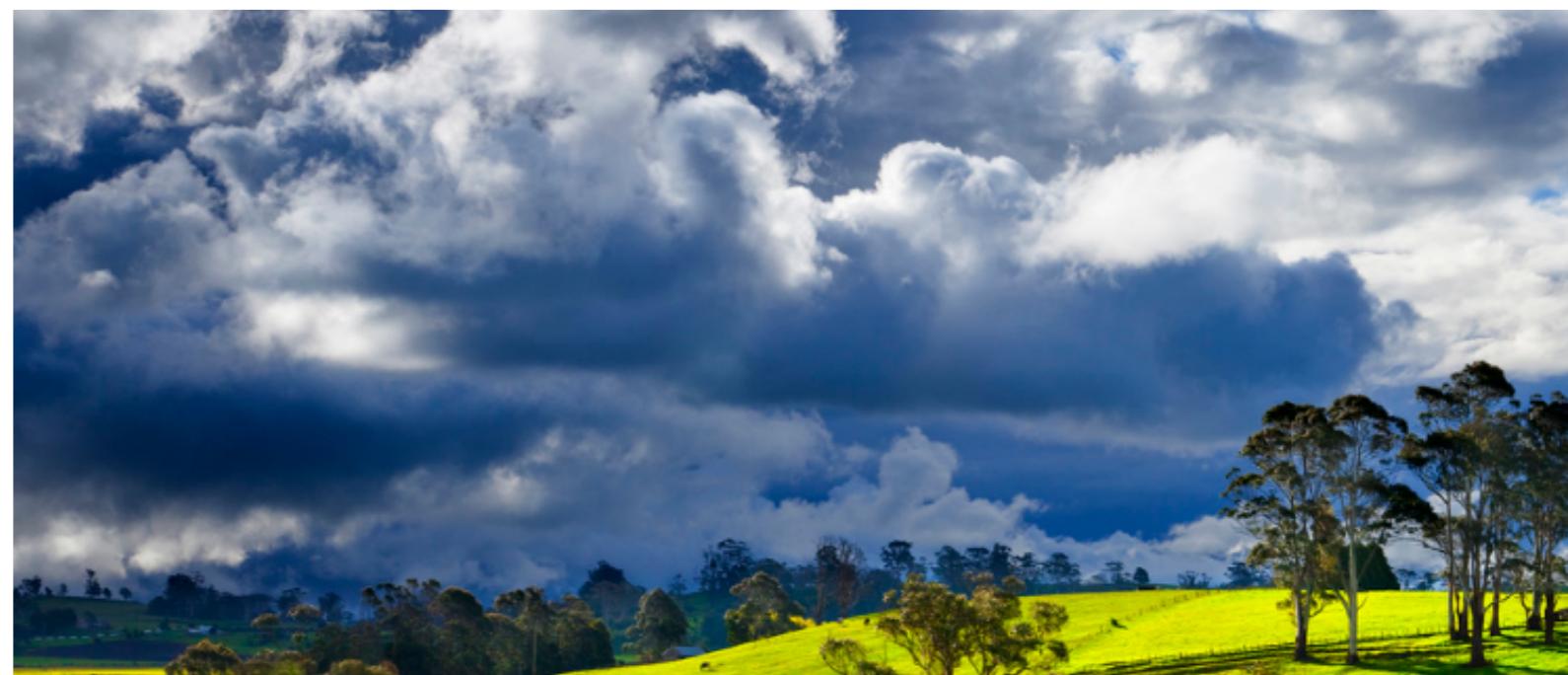


D) (altocumulus)

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A)



Altocumulus clouds are high, greyish-white puffballs that dot the sky. They usually appear on warm, humid mornings, especially during summer. To tell altocumulus apart from stratocumulus, hold your hand up to the sky: if the clouds are thumb-sized, they're altocumulus.



E) (cumulonimbus)

D) (altocumulus)

1. Play the game at this link: [https://www.purposegames.com/game/
cloud-types-quiz](https://www.purposegames.com/game/cloud-types-quiz).
2. Now try this game: [https://www.quizscape.com/general-knowledge/
cloud-quiz/](https://www.quizscape.com/general-knowledge/cloud-quiz/), which shows some real cloud pictures. There are some weird ones in there that are cool and rare.
3. Now try the cloud quiz on Canvas.