



# AMS: On The Climate response to Cirrus Cloud Seeding

Climate Engineering Scientist Explains How to Create Global Warming by Over-seeding Cirrus Clouds.

<https://youtu.be/cncVgSkjVtM?t=4m37s>

Consistent with Jasper Kirkby presentation. -- Climate Scientist Confirms Jets Are "Dumping Aerosols Into the Upper Atmosphere"

<http://wp.me/p2FjTj-4RS>

On The Climate response to Cirrus Cloud Seeding Trude Storelvmo, Yale University, New Haven, CT; and W. R. Boos and N. Herger

<https://ams.confex.com/ams/95Annual/videogateway.cgi/id/29702?recordingid=29702>

AMS 20th Conference on Planned and Inadvertent Weather Modification (2015)

<https://ams.confex.com/ams/95Annual/webprogram/20WXMOD.html>

AMS: Exploring the Mechanisms of Ice Nucleation on Kaolinite: From Deposition Nucleation to Condensation Freezing

<http://journals.ametsoc.org/doi/abs/10.1175/JAS-D-12-0252.1>

Cirrus cloud seeding: a climate engineering mechanism with reduced side effects?

<http://rsta.royalsocietypublishing.org/content/372/2031/20140116>

Why cirrus cloud seeding cannot substantially cool the planet - Institute for Atmospheric and Climate Science, ETH Zürich, Zürich, Switzerland

<http://onlinelibrary.wiley.com/doi/10.1002/2015JD024666/pdf>

Nucleation effects on the habit of vapour grown ice crystals from  
Desert Research Institute, USA

(Received 28 October 2001; revised 1 February 2002

"kaolinite adhering to glass filaments, in order to investigate effects on habit due to different nucleating materials."

<http://onlinelibrary.wiley.com/doi/10.1002/qj.200212858304/pdf>

Kaolinite - Aluminum silicate

<https://www.mindat.org/min-2156.html>

## **Modification of cirrus clouds to reduce global warming**

### **2.2. Delivery mechanism**

"Since commercial airliners routinely fly in the region where cold cirrus clouds exist, it is hoped that the seeding material could either be (1) dissolved or suspended in their jet fuel and later burned with the fuel to create seeding aerosol, or **(2) injected into the hot engine exhaust, which should vaporize the seeding material, allowing it to condense as aerosol in the jet contrail.** The objective would not be to seed specific cloud systems but rather to build up a background concentration of aerosol seeding material so that the air masses that cirrus will form in will contain the appropriate amount of seeding material to produce larger ice crystals."

**(Spray it from the drain tubes!)**

<http://iopscience.iop.org/article/10.1088/1748-9326/4/4/045102/fulltext/?jsessionid=8566D916C275074AD64F27443B2F1127.c4.iopscience.cld.iop.org>

We implemented the cirrus seeding as a separate freezing mode with critical RH

Unlike dust, all seeding aerosols can initiate ice formation. Page 4879

<http://onlinelibrary.wiley.com/doi/10.1002/2015JD024666/pdf>

, Properties of cirrus and subvisible cirrus from nighttime Cloud-Aerosol Lidar with Orthogonal Polarization (CALIOP), related to atmospheric dynamics and water vapor,  
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