

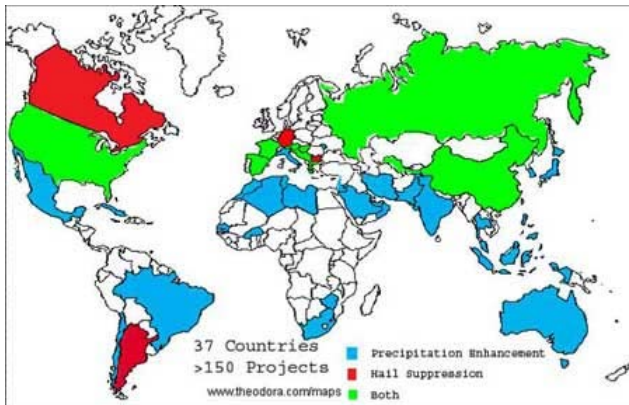


Weather Modification Multimedia Gallery

Media Kit: [Weather Modification Media Advisory](#) | [Multimedia Gallery](#) | [Fact Sheet](#) |

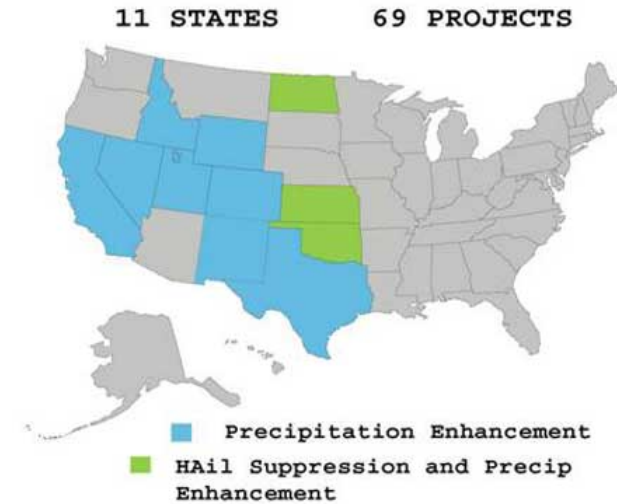
For more information, please contact [David Hosansky](#), 303-497-8611

**A. Weather modification programs worldwide**



This map shows more than 150 weather modification programs operating in 37 countries worldwide. Weather modification techniques include hail suppression and precipitation enhancement.

**B. Weather modification programs operating in the United States**



This map shows regions in the western United States engaged in precipitation enhancement and hail suppression.

**Videos**

**C. The impacts of air pollution on decreasing snowpack**



[Watch video](#)



[Watch video](#)

A before-and-after view of inadvertent weather modification. This animation shows the detrimental impacts of air pollution on orographic clouds that produce snowpack over ranges like the Sierras that are downwind from coastal cities. **Click on the images to view the animations.**

Credit: Prof. Daniel Rosenfeld, Hebrew University of Jerusalem, Israel

**D. Aircraft-mounted flares release cloud-seeding particles in flight**



[Watch video](#)

Flares mounted in a rack off the wing of a small research aircraft burn to release their water-attracting, or hygroscopic, particles during a cloud-seeding experiment. Hygroscopic particles such as potassium/sodium chloride create larger raindrops that fall more quickly, colliding with smaller droplets on the way and stimulating rainfall. **Click on the image to view the video.**

Credit: Roelof Brijntjes, NCAR

#### Contacts for This Release

##### For Journalists

David Hosansky, head of Media Relations  
303-497-8611, [hosansky@ucar.edu](mailto:hosansky@ucar.edu)

#### UCAR Communications

[www.ucar.edu/news/contacts.shtml](http://www.ucar.edu/news/contacts.shtml)

##### General inquiries

Yvonne Mondragon, 303-497-8601,  
[yvonnem@ucar.edu](mailto:yvonnem@ucar.edu)

##### Photo inquiries

Carlye Calvin, 303-497-8609, [calvin@ucar.edu](mailto:calvin@ucar.edu)


##### Digital Image Library


[www.ucar.edu/imagelibrary](http://www.ucar.edu/imagelibrary)

---

**\*News media terms of use:** Reproduction to illustrate this story and nonprofit use permitted with proper attribution as provided above and acceptance of UCAR's [terms of use](#). Find more images in the [UCAR Digital Image Library](#).

The University Corporation for Atmospheric Research manages the National Center for Atmospheric Research under sponsorship by the National Science Foundation. Any opinions, findings and conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

| [NCAR](#) | [UCP](#) | ©2009, UCAR | Sponsored by 

This document can be found at <http://www.ucar.edu/news/releases/2008/wxmodvisuals.shtml>  
 [Subscribe to our News Feeds at www.ucar.edu/news/rss](#)