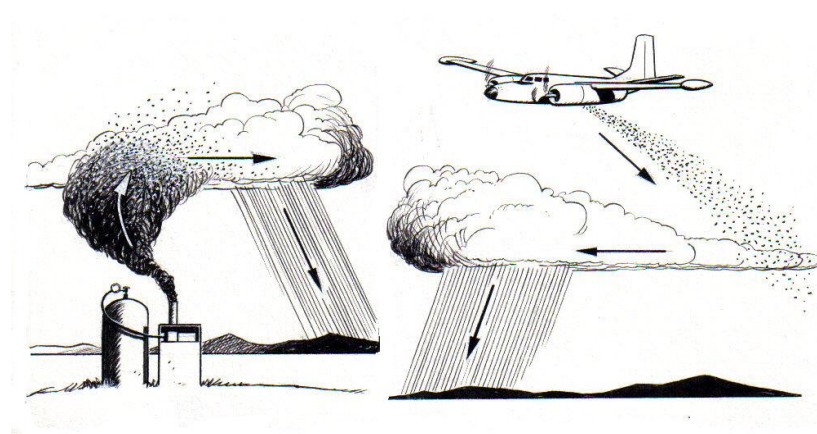


Cloud Seeding



What is it.... “It is a science that can be used to control winds, suppress hail, dissolve fog or create rain.”“assisting nature”....“Cloud seeding essentially helps that process along, providing additional "nuclei" around which water condenses. These nuclei can be salts, calcium chloride, dry ice or silver iodide, which the Chinese use. **Silver iodide** is effective because its form is similar to ice crystals. **Calcium chloride** is often used in warm or tropical areas.”

Beijing Olympics 2008

- Was said to be used to make sure that the Opening and Closing Ceremonies were dry, and the weather for both were not disturbed by weather. (But also reported that 21 different seedings were performed to make sure this happened.)

“...clear the air pollution problem”

(AgI) Silver iodide... is the main molecule for seeding. It most resembles an ice crystal when it freezes and thus is the best option to start a cloud. Can be toxic if consumed in large quantities.

Used in small amounts.... “0.1 micrograms per liter. This is much below the U.S. Public Health Service=s stated acceptable concentration of 50 micrograms per liter.”

Calcium chloride.... PAN with slight toxicity

But.....

Never been proved to work. NOAA stopped trying to mitigate hurricanes with this in the late 1960’s. And the overall believability of the concept is up for debate.

<http://gulfnews.com/news/gulf/uae/environment/cloud-seeding-experiment-has-thundering-success-1.104086>

<http://science.howstuffworks.com/nature/climate-weather/meteorologists/cloud-seeding1.htm>