



Previous: [Acknowledgments](#)

Next: [About this document](#)

## References

---

Ackerman, A.S., O.B. Toon, and P.V. Hobbs, 1993: Dissipation of marine stratiform clouds and collapse of the marine boundary layer due to the depletion of cloud condensation nuclei by clouds. *Science*, 262, 226-229.

Ackerman, A.S., O.B. Toon, and P.V. Hobbs, 1994: Reassessing the dependence of cloud condensation nucleus concentration on formation rate. *Nature*, 367, 445-447.

Albrecht, B.A., 1989: Aerosols, cloud microphysics, and fractional cloudiness. *Science*, 245, 1227-1230.

Bello, M., 1991: Greenhouse warming threat justifies immediate action. *National Research Council News Report*, XLI, No. 4, 2-5.

Ben-Zvi, A., 1997: Comments on "A new look at the Israeli cloud seeding experiments." *J. Appl. Met.*, 36, 255-256.

Bigg, E.K., 1997): An independent evaluation of a South African hygroscopic cloud seeding experiment, 1991-1995. *Atmos. Res.*, 43, 111-127.

Brooks, W.T., 1989: The global warming panic. *Forbes*, December, 97-102.

Bryson, R.A., 1989: Environmental opportunities and limits for development. *Environ. Conserv.*, 16, 299-305.

Chappell, C.F., L.O. Grant, P.W. Mielke, 1971: Cloud seeding effects on precipitation intensity and duration of wintertime orographic clouds. *J. Appl. Meteor.*, 10, 1006- 1010.

Cooper, W.A., and R.P. Lawson, 1984: Physical interpretation of results from the HIPLEX- 1 experiment. *J. Climate Appl. Meteor.*, 23, 523-540.

Cooper, W.A., R.T. Brintjies, and G.K. Mather, 1997: Some calculations pertaining to hygroscopic seeding with ares. *J. Appl. Met.*, In press.

Cotton, W.R., 1972a: Numerical simulation of precipitation development in supercooled cumuli, Part I. *Mon. Wea. Rev.*, 100, 757-763.

Cotton, W.R., 1972b: Numerical simulation of precipitation development in supercooled cumuli, Part II. *Mon. Wea. Rev.*, 100, 764-784.

Cotton, W.R., and R.A. Pielke, 1995: *Human Impacts on Weather and Climate*. Cambridge Univ. Press, 288 pp.

Dennis, A.S., and H.D. Orville, 1997: Comments on A new look at the Israeli cloud seeding experiments." *J. Appl. Met.*, 36, 277-278.

Gagin, A., 1971: Studies of factors governing the collisional stability of continental clouds. Preprints, *Int. Conf. on Weather Modification, Canberra, Australia, Amer. Meteor. Soc.*, 5-11.

Gagin, A., 1975: The ice phase in winter continental cumulus clouds *J. Atmos. Sci.*, 32, 1604-1614.

Gagin, A., 1986: Evaluation of "static" and "dynamic" seeding concepts through analyses of Israeli II and FACE-2 experiments. *Rainfall Enhancement--A Scientific Challenge, Meteor. Monogr., No. 43, Amer. Meteor. Soc.*, 63-70.

Gagin, A., and J. Neumann, 1974: Rain stimulation and cloud physics in Israel. *Weather and Climate Modification*, W.N. Hess, Ed., Wiley-Interscience, 454-494.

Gagin, A., and J. Neumann, 1981: The second Israeli randomized cloud seeding experiment: Evaluation of the results. *J. Appl. Meteor.*, 20, 1301-1311.

Grant, L.O., and P.W. Mielke, 1967: A randomized cloud seeding experiment at Climax, CO, 1960-65. *Proc. Fifth Berkeley Symp. on Mathematical Statistics and Probability, Vol, 5, University of California Press*, 115-132.

Grant, L.O., C.F. Chappell, L.F. Crow, P.W. Mielke, Jr., J.L. Rasmussen, W.E. Shobe, H. Stockwell, and R.A. Wykstra, 1969: An operational adaptation program of weather modification for the Colorado River basin. *Interim Report to the Bureau of Reclamation, Denver, CO 80225, Colorado State University*, 69 pp.

Hallett, J., 1981: Ice crystal evolution in Florida summer cumuli following AgI seeding. Preprints, *Eighth Conf. on Inadvertent and Planned Weather Modification, Reno, American Meteorological Society*, 114-115.

Hindman, E.E., 1978: Water droplet fogs formed from pyrotechnically generated condensation nuclei. *J. Wea. Mod.*, 77-96.

Hindman, E.E., II, P.V. Hobbs, and L.F. Radke, 1977a: Cloud condensation nuclei from effects on clouds. *J. Appl. Meteor.*, 16, 745-752.

Hindman, E.E., II, P.M. Tag, B.A. Silverman, and P.V. Hobbs, 1977b: Cloud condensation effects on rainfall. *J. Appl. Meteor.*, 16, 753-755.

Hobbs, P.V., L.F. Radke, and S.E. Shumway, 1970: Cloud condensation nuclei from industrial sources and their apparent influence on precipitation in Washington State. *J. Atmos. Sci.*, 27, 81-89.

IPCC, 1991: *Climate Change, The IPCC Scientific Assessment Intergovernmental Panel on Climate Change*. WMO/UNEP, xi-xxxiii.

Kellogg, W.W., 1991: Response to skeptics of global warming. *Bull. Amer. Meteor. Soc.*, 72, 499-511.

Koenig, L.R., and F.W. Murray, 1976: Ice-bearing cumulus cloud evolution: Numerical simulations and general comparison against observations. *J. Appl. Meteor.*, 15, 747-762.

- La Brecque, M., 1989a: *Detecting climate change, I: Taking the world's shifting temperature*. *MOSAIC*, 20, No. 4, 2-9.
- La Brecque, M., 1989b: *Detecting climate change, II: The impact of the water budget*. *MOSAIC*, 20, 10-16.
- Lamb, D., J. Hallet, and R.I. Sax, 1981: *Mechanistic limitations to the release of latent heat during the natural and artificial glaciation of deep convective clouds*. *Quart. J. Roy. Meteor. Soc.*, 107, 935-954.
- Levin, Z., 1994: *Aerosol composition and its effect on cloud growth and cloud seeding*. *Proc. Sixth WMO Scientific Conf. on Weather Modification, Sienna, Italy, World Meteor. Org.*, 367-369.
- Luoma, J.R., 1991: *Gazing into our greenhouse future*. *Audubon*, March, 52-59, 124-125.
- Marland, G., 1991. *CO<sub>2</sub> emissions*. In Boden, T.A., P. Kanciruk, and M.P. Farrell, *Trends '90: A Compendium of Data on Global Change, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee*, 92-133.
- Mather, G.K., 1991: *Coalescence enhancement in large multicell storms caused by the emissions from a Kraft paper mill*. *J. Appl. Meteor.*, 30, 1134-1146.
- Mather, G.K., M.J. Dixon, J.M. deJager, 1996a: *Assessing the potential for rain augmentation-- The Nelspruit randomized convective cloud seeding experiment*. *J. Appl. Meteor.*, 35, 1465-1482.
- Mather, G.K., D.E. Terblanche, F.E. Stevens, 1996b: *Results of the South African cloud seeding experiments using hygroscopic ares*. *Preprints, 13th Conf. on Planned and Inadvertent Weather Modification, January 28 - February 2, 1996, Atlanta, GA, AMS, Boston, MA*, 121-128.
- Michaels, P.J., D.E. Sappington, D.E. Stooksbury, and B.P. Hayden, 1990: *Regional 500 mb heights and U.S. 1000-500 mb thickness prior to the radiosonde era*. *Theor. Appl. Climatol.*, 42, 149-154.
- Mielke, P.W., Jr., 1995: *Comments on the Climax I and II experiments including replies to Rangno and Hobbs*. *J. Appl. Meteor.*, 34, 1228-1232.
- Mielke, P.W., Jr., L.O. Grant, and C.F. Chappell, 1970: *Elevation and spatial variation in seeding effects from wintertime orographic cloud seeding*. *J. Appl. Meteor.*, 9, 476-488.
- Mielke, P.W., Jr., L.O. Grant, and C.F. Chappell, 1971: *An independent replication of the Climax wintertime orographic seeding experiment*. *J. Appl. Meteor.*, 10, 1198-1212.
- Mielke, P.W., Jr., G.W. Brier, L.O. Grant, G.J. Mulvey, and P.N. Rosensweig, 1981: *A statistical re-analysis of the replicated Climax I and II wintertime orographic cloud seeding experiments*. *J. Appl. Meteor.*, 20, 643-660.
- National Academy of Sciences, 1991: *Policy Implications of Greenhouse Warming - Synthesis Panel Report*. National Academy Press, Washington, D.C., 127 pp.
- National Academy of Sciences, 1975: *Long-Term Worldwide Effects of Multiple Nuclear-Weapon Detonations*. Washington, D.C.

Orville, H.D., and K. Hubbard, 1973: *On the freezing of liquid water in a cloud.* *J. Appl. Meteor.*, 22, 137-142.

*Policy Statement of the American Meteorological Society on Global Climate Change.* *Bull. Amer. Meteor. Soc.*, 72, 57-59.

Rangno, A.L., and P.V. Hobbs, 1987: *A re-evaluation of the Climax cloud seeding experiments using NOAA published data.* *J. Clim. Appl. Meteor.*, 26, 757-762.

Rangno, A.L., and P.V. Hobbs, 1993: *Further analysis of the Climax cloud-seeding experiments.* *J. Appl. Meteor.*, 32, 1837-1847.

Rangno, A.L., and P.V. Hobbs, 1995: *A new look at the Israeli cloud seeding experiments.* *J. Clim. Appl. Meteor.*, 26, 913-926.

Rangno, A.L., and P.V. Hobbs, 1997a: *Reply.* *J. Appl. Meteor.*, 36, 253-254.

Rangno, A.L., and P.V. Hobbs, 1997b: *Reply.* *J. Appl. Meteor.*, 36, 257-259.

Rangno, A.L., and P.V. Hobbs, 1997c: *Reply.* *J. Appl. Meteor.*, 36, 272-276.

Rangno, A.L., and P.V. Hobbs, 1997d: *Reply.* *J. Appl. Meteor.*, 36, 279.

Reynolds, D.W., 1988: *A report on winter snowpack-augmentation.* *Bull. Amer. Meteor. Soc.*, 69, 1290-1300.

Reynolds, D.W., and A.S. Dennis, 1986: *A review of the Sierra Cooperative Pilot Project.* *Bull. Amer. Meteor. Soc.*, 67, 513-523.

Rosenfeld, D., 1997: *Comments on "A new look at the Israeli cloud seeding experiments."* *J. Appl. Meteor.*, 36, 260-271.

Rosenfeld, D. and H. Farbstein, 1992: *Possible influence of desert dust on seedability of clouds in Israel.* *J. Appl. Meteor.*, 31, 722-731.

Rosenfeld, D., and W.L. Woodley, 1989: *Effects of cloud seeding in West Texas.* *J. Appl. Meteor.*, 28, 1050-1080.

Rosenfeld, D., and W.L. Woodley, 1993: *Effects of cloud seeding in west Texas: Additional results and new insights.* *J. Appl. Meteor.*, 32, 1848-1866.

Ryan, B.F., and W.D. King, 1997: *A critical review of the Australian experience in cloud seeding.* *Bull. Amer. Meteor. Soc.*, 78, 239-254.

Sax, R.I., 1976: *Microphysical response of Florida cumuli to AgI seeding.* *Second WMO Scientific Conf. on Weather Modification, Boulder, WMO, 109-116.*

Sax, R.I., S.A. Changnon, L.O. Grant, W.F. Hitchcock, P.V. Hobbs, A.M. Kahan, and J. Simpson, 1975: *Weather modification: Where are we now and where should we be going? An editorial overview.* *J. Appl. Meteor.*, 14, 652-672.

- Sax, R.I., and V.W. Keller, 1980: Water-ice and water-updraft relationships near  $-10^{\circ}$  C within populations of Florida cumuli. *J. Appl. Meteor.*, 19, 505-514.
- Sax, R.I., J. Thomas, and M. Bonebrake, 1979: Ice evolution within seeded and nonseeded Florida cumuli. *J. Appl. Meteor.*, 18, 203-214.
- Schneider, S.H., 1989: *The changing climate. Scientific American*, September, 70-79.
- Schneider, S.H., 1990: The global warming debate heats up: An analysis and perspective. *Bull. Amer. Meteor. Soc.*, 71, 1291-1304.
- Scott, B.C., and P.V. Hobbs, 1977: A theoretical study of the evolution of mixed-phase cumulus clouds. *J. Atmos. Sci.*, 34, 812-826.
- Simpson, J., and W.L. Woodley, 1971: Seeding cumulus in Florida: New 1970 results. *Science*, 172, 117-126.
- Simpson, J., G.W. Brier, and R.H. Simpson, 1967: Stormfury cumulus seeding experiment 1965: Statistical analysis and main results. *J. Atmos. Sci.*, 24, 508-521.
- Super, A.B., and B.A. Boe, 1988: Microphysical effects of wintertime cloud seeding with silver iodide over the Rocky Mountains. Part III: Observations over the Grand Mesa, Colorado. *J. Appl. Meteor.*, 27, 1166-1182.
- Super, A.B., and J.A. Heimbach, 1988: Microphysical effects of wintertime cloud seeding with silver iodide over the Rocky Mountains. Part II: Observations over the Bridger Range, Montana. *J. Appl. Meteor.*, 27, 1152-1165.
- Super, A.B., B.A. Boe, and E.W. Holroyd, III, 1988: Microphysical effects of wintertime cloud seeding with silver iodide over the Rocky Mountains. Part I: Experimental design and instrumentation. *J. Appl. Meteor.*, 27, 1145-1151.
- Thatcher, M., 1990: On long term climate prediction. *J. Air Waste Mgt.*, 40, 1086-1087.
- Titus, J.G., 1990a: Strategies for adapting to the greenhouse effect. *APA Journal*, 331-323.
- Titus, J.G., 1990b: Greenhouse effect, sea level rise and barrier islands: Case study of Long Beach Island New Jersey. *Coastal Management*, 18, 65-90.
- Tukey, J.W., D.R. Brillinger, and L.V. Jones, 1978: The role of statistics in weather resources management. *The Management of Weather Resources, Vol. II. Final Report of Weather Modification Advisory Board, Department of Commerce, Washington, D.C. [U.S. Government Printing Office No. 003-0180-0091-1.]*
- Twomey, W., 1974: Pollution and the planetary albedo. *Atmos. Environ.*, 8, 1251-1256. Twomey, S., M. Piepgrass, and T.L. Wolfe, 1984: An assessment of the impact of pollution on global albedo. *Tellus*, 36B, 356-366.
- UCAR/NOAA, 1991: *Reports to the Nation. Winter 1991. Published by the UCAR Office for Interdisciplinary Earth Studies and the NOAA Office of Global Programs*, 21 pp. Woodley, W.L., 1997:

*Comments on "A new look at the Israeli cloud seeding experiments." J. Appl. Meteor., 36, 250-252.*

*Woodley, W., J. Jordan, J. Simpson, R. Biondini, J. Flueck, and A. Barnston, 1982: Rainfall results of the Florida Area Cumulus Experiment, 1970-1976. J. Appl. Meteor., 21, 139-164.*

