

**VIII. APPENDICES****Refereed Publications (FY 1998–FY2000)**

(\* indicates one of MMM's 10 most significant publications)

1. Ackerman, A. S., O. B. Toon, D. E. Stevens, A. J. Heymsfield, V. Ramanathan, and E. J. Welton, 2000: Reduction of tropical cloudiness by soot. *Science*, **288**, 1042-1047.
2. Atkins, N. T., M. L. Weisman, and L. J. Wicker, 1999: The influence of preexisting boundaries on supercell evolution. *Mon. Wea. Rev.*, **127**(12), 2910-2927.
3. Barth, M. C., and A. T. Church, 1999: The regional and global influence of sulfate aerosols from Mexico City and southeast China. *J. Geophys. Res.*, **104**, 30,231-30,239.
4. Barth, M. C., P. J. Rasch, J. Kiehl, C. Benkovitz, and S. Schwartz, 1999: Sulfur chemistry in the National Center for Atmospheric Research Community Climate Model: Description, evaluation, features and sensitivity to aqueous chemistry. *J. Geophys. Res.*, **105**, 1387-1415.
5. Berliner, L. Mark, Zhan-Qian Lu, Chris Snyder, 1999: Statistical Design for Adaptive Weather Observations. *Journal of the Atmospheric Sciences*, **56**(15), 2536-2552.
6. Bluestein, H., E. Rasmussen, B. Davies-Jones, R. Wakimoto, and M. L. Weisman, 1998: VORTEX workshop summary, 2-3 December 1997, Pacific Grove, California. *Bull. Amer. Met. Soc.*, **79**, 1397-1400.
7. Bluestein, H., and M. L. Weisman, 2000: The interaction of numerically simulated supercells initiated along lines. *Mon. Wea. Rev.*, **128**, 3128-3149.
8. Bony, S., W. D. Collins, and D. W. Fillmore, 2000: Indian Ocean low clouds during the winter monsoon. *J. Climate*, **13**, 2028-2043.
9. Braun, S., R. Rotunno, and J. B. Klemp, 1999: On the effects of coastal orography on landfalling cold fronts. Part II: Effects of surface friction. *J. Atmos. Sci.*, **56**(19), 3366-3384.
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12. Brientjes, R. T., 1999: A review of cloud seeding experiments to enhance precipitation and some new prospects. *Bull. Amer. Meteor. Soc.*, **80**, 805-820.
13. Bunkers, M. J., B. Klimowski, J. W. Zeitler, G. Thompson, and M. L. Weisman, 2000: Predicting supercell motion using a new hodograph technique. *Wea. Forecasting*, **15**(1), 61-79.

14. Burns, S. P., D. Khelif, C. A. Friehe, P. Hignett, A. G. Williams, A. L. M. Grant, J. M. Hacker, D. E. Hagan, Y. L. Serra, D. P. Rogers, E. F. Bradley, R. A. Weller, C. W. Fairall, S. P. Anderson, C. A. Paulson, and P. A. Coppin, 2000: Comparisons of aircraft, ship, and buoy radiation and SST measurements from TOGA COARE. *J. Geophys. Res.*, **105**, 15,627-15,652.
15. Burns, S. P., D. Khelif, C. A. Friehe, A. G. Williams, P. Hignett, A. L. M. Grant, J. M. Hacker, D. P. Rogers, E. F. Bradley, R. A. Weller, M. F. Cronin, S. P. Anderson, C. W. Fairall, and C. A. Paulson, 1999: Comparisons of aircraft, ship, and buoy meteorological measurements from TOGA COARE. *J. Geophys. Res.*, **104**, 30,853-30,884.
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### **Inventions or Patents**

MMM did not have any inventions or patents over the past three years.