

A Cornucopia of Knowledge



Books Written or Edited by National Weather Center Faculty and Researchers

Bluestein, Howard B. Synoptic-Dynamic Meteorology in Midlatitudes. Oxford University Press, 1992-1993.

v. I: Principles of Kinematics and Dynamics (QC 874 .B68 vol. 1).

v. II: Observations and Theory of Weather Systems (QC 874 B68 vol. 2).

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Bluestein, Howard B. Tornado Alley: Monster Storms of the Great Plains. Oxford University Press, 1999.

(NWC Library and Bizzell Library own – QC 955 .B58 1999.)

Brock, Fred V. and Scott J. Richardson. Meteorological Measurement Systems. Oxford University Press, 2001. (Bizzell Library owns -- QC 876 .B758 2001.)

Church, C., D. Burgess, C. Doswell and R. Davies-Jones, ed. The Tornado: Its Structure, Dynamics, Prediction, and Hazards. (Geophysical Monograph 79). American Geophysical Union, 1993. (NWC Library owns – QC 955 .T67 1993.)

Doswell, Charles A., III, ed. Severe Convective Storms. (Meteorological Monographs, vol. 28, no. 50). American Meteorological Society, 2002.

(NWC Library owns – QC 880.4 .C64 S48. Bizzell Library owns – QC 852 .M4 v. 28.)

Doviak, Richard J. and Dusan S. Zrnica. Doppler Radar and Weather Observations. 2nd ed. Dover Publications, Inc., 1993.

(NWC Library and Bizzell Library own – QC 973.5 .D68.)

Fedorovich, Evgeni, Richard Rotunno and Bjorn Stevens, eds. Atmospheric Turbulence and Mesoscale Meteorology. Cambridge University Press, 2004.

(Bizzell Library owns – QC 880.4 .T8 A855 2004.)

Johnson, Howard L. and Claude E. Duchon. Atlas of Oklahoma Climate. University of Oklahoma Press, 1995.
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Kessler, Edwin, ed. On the Distribution and Continuity of Water Substance in Atmospheric Circulation. (Meteorological Monograph, vol. 10). American Meteorological Society, 1969. (NWC Library owns -- QC 852. A61. Bizzell Library owns – QC 852 .M4 v. 10.)

Kessler, Edwin, ed. The Thunderstorm in Human Affairs. 2nd ed. University of Oklahoma Press. (NWC Library owns in book format – QC 968 .T38 1981 . Bizzell Library has online access through NetLibrary.)

Kessler, Edwin, ed. Thunderstorm Morphology and Dynamics. 2nd ed. University of Oklahoma Press, 1986. (NWC Library owns in book format – QC 968 .T48 1983. Bizzell Library has online access through NetLibrary.)

Lewis, John M., S. Lakshmivarahan and S. K. Dhall. Dynamic Data Assimilation: A Least Squares Approach. (Encyclopedia of Mathematics and Its Applications, no. 104). Cambridge University Press, 2006. (OU Engineering and Chemistry & Math Libraries own – QA 401 .L475 2006. NWC Library will own.)

MacGorman, Donald R. and W. David Rust. The Electrical Nature of Storms. Oxford University Press, 1998. (NWC Library and Bizzell own – QC 961 .M18 1998.)

Plate, E. J., E. E. Fedorovich, D. X. Viegas and J. C. Wyngaard, eds. Buoyant Convection in Geophysical Flows. (NATO ASI Series C, vol. 513). Kluwer Academic Publishers, 1998.

Rashed, Tarek and C. Juergens, eds. Remote Sensing of Urban and Suburban Areas. (Remote Sensing and Digital Image Processing series, vol. 10). Springer, 2006.

Stensrud, David J. Parameterization Schemes: Keys to Understanding Numerical Weather Prediction Models. Cambridge University Press, 2007.

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(Bizzell Library owns – GF 41 .W354 2004.)