

Atlantic Oceanographic and Meteorological Laboratory

FY-2003 Publications

October 1, 2002 - September 30, 2003

(Names of AOML authors appear in CAPITAL letters)

Peer-Reviewed Publications

- [1] ABERSON, S.D. Targeted observations to improve operational tropical cyclone track forecast guidance. *Monthly Weather Review*, 131(8):1613-1628 (2003).
- [2] ABERSON, S.D. Two years of operational hurricane synoptic surveillance. *Weather and Forecasting*, 17(5):1101-1110 (2002).
- [3] ABERSON, S.D., and C.R. Sampson. On the predictability of tropical cyclone tracks in the northwest Pacific basin. *Monthly Weather Review*, 131(7):1491-1497 (2003).
- [4] Ball, W.P., R.R. Dickerson, B.G. Doddridge, J.W. Stehr, T.L. Miller, D.L. Savoie, and T.P. CARSEY. Bulk and size-segregated aerosol composition observed during INDOEX 1999: Overview of meteorology and continental impacts. *Journal of Geophysical Research*, 108(D10):8001, doi:10.1029/2002JD002467 (2003).
- [5] BAUER, S., M.S. Swenson, and A. Griffa. Eddy mean flow decomposition and eddy diffusivity estimates in the tropical Pacific Ocean: 2. Results. *Journal of Geophysical Research*, 107(C10):3154, doi:10.1029/2000JC000613 (2002).
- [6] Bentamy, A., K.B. KATSAROS, A.M. MESTAS-NUNEZ, W.M. Drennan, E.B. FORDE, and H. Roquet. Satellite estimates of wind speed and latent heat flux over the global oceans. *Journal of Climate*, 16(4):637-656 (2003).
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- [10] CIONE, J.J., and E.W. UHLHORN. Sea surface temperature variability in hurricanes: Implications with respect to intensity change. *Monthly Weather Review*, 131(8):1783-1796 (2003).
- [11] Crusius, J., and R.H. WANNINKHOF. Gas transfer velocities measured at low wind speed over a lake. *Limnology and Oceanography*, 48(3):1010-1017 (2003).
- [12] Darrow, B.P., J.J. Walsh, G.A. Vargo, R.T. Masserini, K.A. Fanning, and J.-Z. ZHANG. A simulation study of the growth of benthic microalgae following the decline of a surface phytoplankton bloom. *Continental Shelf Research*, 23(14-15):1265-1283 (2003).
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Technical Reports

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Conference Papers/Bulletins/Newsletters

- [1] BITTERMAN, D.S., R.H. SMITH, W.D. WILSON, N. MELO, and T.N. Lee. Florida Bay shallow water surface drifter. *Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem from Kissimmee to the Keys*, Palm Harbor, FL, April 13-18, 2003. University of Florida Office of Conferences and Institutes, 56-58 (CD-ROM) (2003).
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