



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in September 2001

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**Acosta, J., A. Munoz, P. Herranz, C. Palomo, M. Ballesteros, M. Vaquero, and E. Uchupi.**

Geodynamics of the Emile Baudot Escarpment and the Balearic Promontory, western Mediterranean. *Mar.Petroleum Geol.*, 18:349-369, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Charles, C. D., D. Rind, R. Healy, and R. Webb.**

Tropical cooling and the isotopic composition of precipitation in general circulation model simulations of the ice age climate.

*Clim.Dynam.*, 17:489-502, 2001.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Fofonoff, N. P.**

Thermal stability of the world ocean thermoclines.

*J.Phys.Oceanogr.*, 31:2169-2177, 2001.

Department of WHOI Author: PO.

Contribution Number: **10206**

**Fratantoni, P. S., R. S. Pickart, D. J. Torres, and A. Scotti.**

Mean structure and dynamics of the shelfbreak jet in the Middle Atlantic Bight during fall and winter. *J.Phys.Oceanogr.*, 31:2135-2156, 2001.

Department of WHOI Author: PO.

Contribution Number: **10130**

**Gawarkiewicz, Glen, Frank Bahr, Robert C. Beardsley, and Kenneth H. Brink.**

Interaction of a slope eddy with the shelfbreak front in the Middle Atlantic Bight.  
*J.Phys.Oceanogr.*, 31:2783-2796, 2001.  
Department of WHOI Author: PO.  
Contribution Number: **9940**

**Jayne, Steven R. and Jochem Marotzke.**

The dynamics of ocean heat transport variability.  
*Rev.Geophys.*, 39(3):385-411, 2001.  
Department of WHOI Author: PO.  
Contribution Number: **NONE**

**Johnsen, Sonke and Edith A. Widder.**

Ultraviolet absorption in transparent zooplankton and its implications for depth distribution and visual predation. *Mar.Biol.*, 138:717-730, 2001.  
Department of WHOI Author: BIO.  
Contribution Number: **10251**

**Lentz, Steven J.**

The influence of stratification on the wind-driven cross-shelf circulation over the North Carolina shelf. *J.Phys.Oceanogr.*, 31:2749-2760, 2001.  
Department of WHOI Author: PO.  
Contribution Number: **10290**

**McGillicuddy, D. J. and V. K. Kosnyrev.**

Dynamical interpolation of mesoscale flows in the TOPEX/Poseidon diamond surrounding the U. S. Joint Global Ocean Flux Study Bermuda Atlantic time-series site.  
*J.Geophys.Res.-Oceans*, 106(C8):16641-16656, 2001.  
Department of WHOI Author: AOPE.  
Contribution Number: **10266**

**McGillis, W. R., J. B. Edson, J. E. Hare, and C. W. Fairall.**

Direct covariance air-sea CO<sub>2</sub> fluxes.  
*J.Geophys.Res.*, 106(C8):16729-16745, 2001.  
Department of WHOI Author: AOPE.  
Contribution Number: **10352**

**Pedlosky, J.**

Steady baroclinic flow through ridges with narrow gaps.  
*J.Phys.Oceanogr.*, 31:2418-2440, 2001.  
Department of WHOI Author: PO.  
Contribution Number: **10371**

**Peucker-Ehrenbrink, Bernhard and Greg Ravizza.**

The marine osmium isotope record. *Terra Nova*, 12(5):205-219, 2001.  
Department of WHOI Author: MCG.  
Contribution Number: **10344**

**Rioux, Maggie.**

President's corner. *NASIG Newsletter*, 16(3):1-3, 2001.  
Department of WHOI Author: ADMIN.  
Contribution Number: **NONE**

**Solow, Andrew R.**

An empirical Bayes analysis of volcanic eruptions.  
*Math.Geol.*, 33(1):95-102, 2001.  
Department of WHOI Author: MPC.  
Contribution Number: **9233**

**Spall, Michael A..**

Large-scale circulations forced by mixing over a sloping bottom. *J.Phys.Oceanogr.*,  
31:2369-2384, 2001.  
Department of WHOI Author: PO.  
Contribution Number: **10294**

**Straneo, F., M. Kawase, and S. Rise.**

Idealized models of slantwise convection in a baroclinic flow.  
*J.Phys.Oceanogr.*, IN PRESS, .  
Department of WHOI Author: PO.  
Contribution Number: **NONE**

**Trowbridge, John and Steve Elgar.**

Turbulence measurements in the surf zone.  
*J.Phys.Oceanogr.*, 31:2403-2417, 2001.  
Department of WHOI Author: AOPE.  
Contribution Number: **10275**

**Woodruff, Jonathan D., W. Rockwell Geyer, Christopher K. Sommerfield, and  
Neal W. Driscoll.**

Seasonal variation of sediment deposition in the Hudson River estuary. *Mar.Geol.*,  
179(1-2):105-119, 2001.

Department of WHOI Author: AOPE.

Contribution Number: **10471**

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