



Abstract View

[Volume 15, Issue 3 \(March 1985\)](#)

Journal of Physical Oceanography

Article: pp. 258–272 | [Abstract](#) | [PDF \(1022K\)](#)

Evidence of a Several-Day Propagating Wave

Claude Millot

Laboratoire d'Océanographie Physique du Muséum, Antenne de Toulon, 83501-La Seyne, France

(Manuscript received September 18, 1983, in final form November 28, 1984)

DOI: 10.1175/1520-0485(1985)015<0258:EOASDP>2.0.CO;2

ABSTRACT

A large 8-day oscillation was recorded during several months by current meters moored at several depths and places on the continental slope, off the Gulf of Lions in the northwestern Mediterranean Sea. This signal is clearly associated with a propagating wave. The location of the moorings, the space and time scale and specific features of the signal account for a relationship between the characteristics of the wave and the mean bottom slope. As supported by the results of a simple analytical model, it is suggested that the bottom slope acts like a wave-guide for the wave.

Options:

- [Create Reference](#)
- [Email this Article](#)
- [Add to MyArchive](#)
- [Search AMS Glossary](#)

Search CrossRef for:

- [Articles Citing This Article](#)

Search Google Scholar for:

- [Claude Millot](#)

top ▲



© 2008 American Meteorological Society [Privacy Policy and Disclaimer](#)

Headquarters: 45 Beacon Street Boston, MA 02108-3693

DC Office: 1120 G Street, NW, Suite 800 Washington DC, 20005-3826

amsinfo@ametsoc.org Phone: 617-227-2425 Fax: 617-742-8718

[Allen Press, Inc.](#) assists in the online publication of AMS journals.