



Abstract View

[Volume 10, Issue 12 \(December 1980\)](#)

Journal of Physical Oceanography

Article: pp. 1952–1958 | [Abstract](#) | [PDF \(479K\)](#)

Climatic Teleconnections in the Western South Pacific with El-Niño Phenomenon

J.R. Donguy and C. Henin

Centre ORSTOM—B.P. A5, Noumea, New Caledonia

(Manuscript received October 30, 1979, in final form September 9, 1980)

DOI: 10.1175/1520-0485(1980)010<1952:CTITWS>2.0.CO;2

ABSTRACT

In the western South Pacific, one year after a typical El Niño event, anomalous hydroclimatic conditions replace the usual ones. The abnormal meteorological conditions are characterized by the Inter-tropical Convergence Zone of the winds being arrested close to the equator. The equatorial area becomes rainy, and south of 10°S the wet season does not occur. The statistical comparison of the rainfall data with the intensity of El Niño events of the previous year shows a consistent correlation between both phenomena.

Options:

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

Search CrossRef for:

- [Articles Citing This Article](#)

Search Google Scholar for:

- [J.R. Donguy](#)
- [C. Henin](#)

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.