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Supplement of

Changes in the partial pressure of carbon dioxide in the Mauritanian–Cap Vert upwelling region between 2005 and 2012

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A figure with additional information have been referenced along the paper. Figure 1S presents the rainfall data collected by the Precipitation Radar installed on the Tropical Rainfall Measuring Mission (TRMM) satellite (<https://precip.gsfc.nasa.gov/>). Monthly averages with a spatial resolution of $0.5^{\circ} \times 0.5^{\circ}$ (product 3A12, version 07) were used. Also, a list with the cruises used in this paper, with starting and ending date when the ship visited the area between 27°N and 10°N , and the color code for data presented in Fig. 4 and 5, is also included.

Supplementary Figure

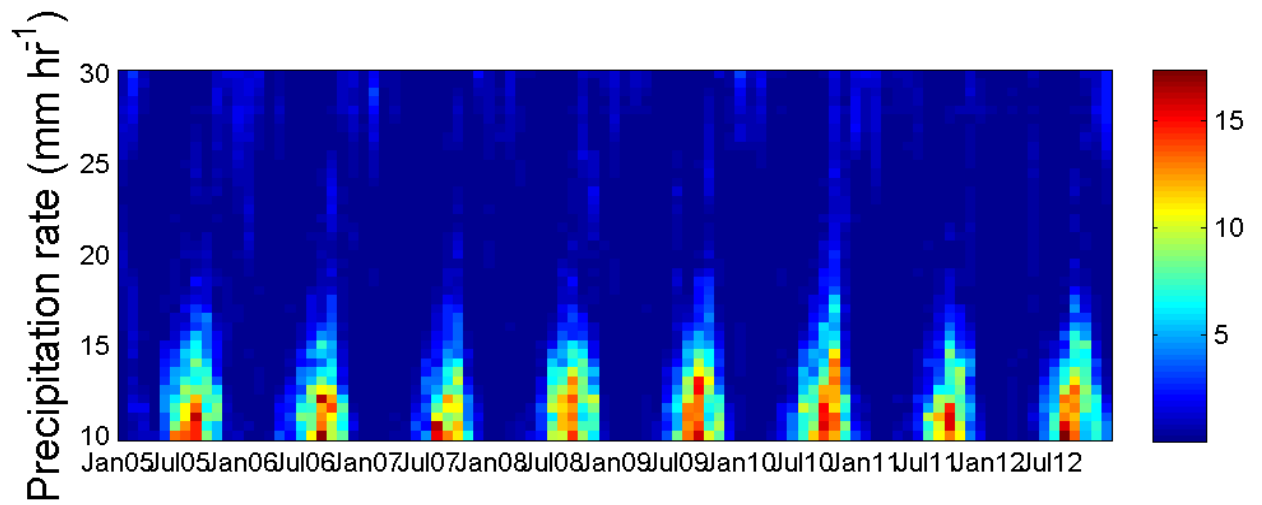


Figure S1. Time series of integrated precipitation (mm day⁻¹) in the Mauritanian-Cape Verde upwelling region between 25.25°W and 9.75°W and between 10°N and 30°N (<https://precip.gsfc.nasa.gov>).

Table S1. Cruise names with starting and ending date when the ship visited the area between 27°N and 10°N along the QUIMA VOS line. The color code for Fig. 4 and 5 is also included.

Cruise	Starting Date (yyyy-mm-dd)	Ending Date (yyyy-mm-dd)	Colours in Fig. 4 and 5
200508	2005-08-29	2005-08-31	Blue
200509	2005-09-16	2005-09-17	Red
200512	2005-12-26	2005-12-29	Green
200605	2006-05-21	2006-05-23	Blue
200606	2006-06-11	2006-06-13	Red
200608	2006-08-27	2006-08-30	Magenta
200610	2006-10-19	2006-10-21	Brown
200611	2006-11-19	2006-11-21	Cyan
200701	2007-01-08	2007-01-10	Blue
200703	2007-03-28	2007-02-31	Magenta
200706	2007-06-03	2007-06-05	Cyan
200707	2007-07-22	2007-07-24	Brown
200709	2007-09-07	2007-09-09	Blue
200711	2007-11-25	2007-11-26	Brown
200802	2008-02-01	2008-02-29	Magenta
200803	2008-03-25	2008-03-25	Brown
200805	2008-05-10	2008-05-12	Red
201012	2010-12-14	2010-12-16	Blue
201102	2011-02-15	2011-02-18	Cyan
201104	2011-04-06	2011-04-09	Magenta
201105	2011-05-25	2011-05-26	Blue
201107	2011-07-13	2011-07-16	Brown
201108	2011-08-13	2011-08-16	Cyan
201109	2011-08-31	2011-09-03	Magenta
201110	2011-10-03	2011-10-05	Light Brown
201110b	2011-10-19	2011-10-22	Dark Brown
201111	2011-11-20	2011-11-22	Red
201112	2011-12-07	2011-12-10	Magenta
201201	2012-01-26	2012-01-29	Dark Brown
201202	2012-02-28	2012-03-01	Blue
201203	2012-03-15	2012-03-18	Red
201204	2012-04-15	2012-04-18	Green
201205	2012-05-03	2012-05-05	Light Brown
201208	2012-08-20	2012-08-21	Blue
201210	2012-10-15	2012-10-18	Dark Brown
201211	2012-11-19	2012-11-22	Blue
201212	2012-12-10	2012-12-13	Magenta