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THE SEASONAL VARIATION IN THE DEPTH OF THE THERMOCLINE AND
THE MEAN SEA LEVEL IN THE EASTERN TROPICAL ATLANTIC

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The existing Nansen and bathythermographic data together with the existing sea level data files have been analysed in three areas where data coverage was sufficiently dense: off Dakar, Abidjan and Pointe-Noire. This study establishes the climatological seasonal cycle of the mean sea level together with the depth of the main thermocline and the steric height. The annual upwelling signals are clearly put in evidence in the mean sea level variations in association with changes in the thermal structure in the three quoted areas.

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