

Variations in air and sea surface temperature at the Commodore channel and Victoria Beach, Lagos Nigeria.

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Variations in Air and Sea Surface Temperature at the Commodore Channel and Victoria Beach, Lagos Nigeria was carried out between January 2004 and December 2010. Sampling was carried out twice daily at 9am and 2pm. Air temperature was measured with the aid of mercury in glass thermometer; sea surface temperature was measured with the aid of mercury in glass thermometer placed in a temperature bottle. Results show that the highest and lowest air temperature recorded at the Victoria Beach over the sampling period was $31.42^{\circ}\text{C} \pm 0.86$ and 24.83°C in January 2004 and August 2009 respectively. Sea surface temperature recorded at the Victoria Beach showed that the highest reading was $32.51^{\circ}\text{C} \pm 1.09$ in January 2006 and the lowest temperature was 25.39°C in August 2009. Temperature readings at the Commodore channel varied over the sampling period. The highest air temperature readings recorded was $32.06^{\circ}\text{C} \pm 1.68$ in August 2006 and the lowest temperature was recorded in August 2005 with a value of $25.93^{\circ}\text{C} \pm 1.94$. Sea surface temperature at the Commodore channel showed that August 2006 had the highest temperature with a value of $33.14^{\circ}\text{C} \pm 1.66$, while the lowest temperature was 26.01°C , recorded in August 2009. Keywords; Air Temperature, Sea surface Temperature, Victoria Beach, Commodore channel.