



The Hydrography of the Canada Basin: 2002-2007

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Large-scale physical and geochemical surveys of the southern Canada Basin conducted in the 2000's show that changes observed during the 1990s have progressed further into the basin. Temperature of the Bering Sea summer water has increased, the volume of Bering Sea Winter Water has decreased and temperatures of the Fram Strait Branch have increased. Distributions of increased ventilation together with the above data are used to infer circulation and show that the boundary current is not the sole mechanism for the delivery of change in the southern Canada Basin.