



Estimating the mean ocean circulation

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We present results from our initial attempts at ensemble-based data assimilation in an ocean general circulation model (POP, Parallel Ocean Program). In particular, we hypothesize that model bias is mainly associated with the model representation of the mean state and focus attention on methods to correct the bias. To this end, we compare the mean state of an assimilation run in which time-varying observations are assimilated to one in which time-averaged observations are assimilated.