



Daily oceanographic analyses in the Mediterranean Sea

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The Mediterranean Forecasting System (MFS) operationally assimilates satellite observations of sea surface temperature and sea level anomaly, and in situ observations of temperature and salinity using a multivariate assimilation scheme. The MFS operational system switched from the weekly to the daily analyses cycle. It can be expected that the higher frequency of the production of the analyses could improve the accuracy of the analyses, because the more frequent update of the model could create analyses which are more consistent with the model dynamics. In this presentation we will show the major impacts and improvements due to the higher temporal frequency of the production of oceanographic analyses in the MFS.