

**The 2010-11 Australian Antarctic Forecasting Season.  
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"The 2010/2011 Austral summer saw Australian meteorologists stationed at Casey and Davis bases. At Casey, the purpose was to provide support to aircraft using an ice runway approximately 70 km southeast of Casey and a skiway about 10 km east of Casey. The main aviation problems for this summer included strong winds over the runways and low cloud, mainly for the skiway as high ice temperatures precluded use of the ice runway for most of the season. Model output tended to forecast the winds fairly well, even to the point of modelling apparent jump phenomena, however the prediction of low cloud was much more difficult. A number of cases will be described briefly as examples of the forecasting challenge at Casey."