

The status of the NCEP bracketing Observing System Simulation Experiments (OSSEs)
for several notional DWL concepts

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Abstract

A great deal of OSSE work has been done in recent months. The ECMWF nature run has been vetted and clouds adjusted, simulations of observations for current sensor systems are complete, and the "calibration" OSSE is nearly complete. Initial DWL assimilation experiments have been run, and are being checked for presentation at the end of the month. A review of the bracketing OSSE strategy and how it is designed to provide an impact trade space for future, more technology-specific instrument concepts in the future will be discussed. The preliminary results of the OSSEs will be presented at the next GTWS workshop in Greenbelt.