TRAJECTORY CALCULATION USING THE
UNIFIED MODEL DYNAMICAL FIELDS

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A trajectory code based on a parcel advection scheme developed by D. Dritshel and W. A. Norton is in use at the British Atmospheric Data Centre (BADC), where it is offered as a service provided to the BADC users. The interactive application allows BADC users to compute forward or backward trajectories based on wind fields from the ECMWF operational or re-analysis data sets. Since the original application was developed, the BADC has begun to archive the UK Met Office global and mesoscale (Great Britain) output data on a daily basis. The trajectory code has been updated to allow the user the choice of input winds along with their own choice of launch or arrival location. Results with the new scheme will be presented.