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The cover page shows the high density water vapour vector field extracted from GOES-9 data during the NORth Pacific Experiment (NORPEX) on February 4, 1998 at 1130 GMT. The vector field has been subjected to the Auto-Editor (AE) scheme developed at CIMSS and the Quality Control (QC) scheme developed at EUMETSAT. The vectors in green are accepted by both schemes, the vectors in yellow by the AE-scheme only and the vectors in red by the QC-scheme only. For further information see the paper "Objective Determination of the Reliability of Satellite-Derived Atmospheric Motion Vectors" by Holmlund and Velden (this issue).