



## **Status and Validation of the UNB-VMF1**

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A gridded-VMF1 and ray-traced zenith delays derived from the NCEP datasets have been operating on a test basis. This model has been called the UNB-VMF1. The benefits of the service would include: 1) a backup in the event of the ECMWF VMF1 or zenith delays being unavailable; 2) greater compatibility with other NWM derived corrections, such as atmospheric pressure loading and; 3) the availability of tropospheric delay products derived from an independent source and ray-tracing algorithms should provide more robustness for combination products which use these models. This poster discusses the structure of the service, and presents recent results of validation tests.