

NWP SAF

NWPSAF 1D-Var Portability Results

Version 1.0

22nd August 2014

The EUMETSAT Network of Satellite Application Facilities	 NWP SAF Numerical Weather Prediction	NWPSAF 1D-Var Portability Results	Doc ID : NWPSAF-MO-TV-034 Version : 1.0 Date : 22/08/2014
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NWP SAF 1D-Var Portability Results

This documentation was developed within the context of the EUMETSAT Satellite Application Facility on Numerical Weather Prediction (NWP SAF), under the Cooperation Agreement dated 29 June 2011, between EUMETSAT and the Met Office, UK, by one or more partners within the NWP SAF. The partners in the NWP SAF are the Met Office, ECMWF, KNMI and Météo France.

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Change record			
Version	Date	Author/changed by	Remarks
0.1	17/02/14	P. Weston	First version, based on Met Office 1D-Var portability results.
0.2	29/05/14	P. Weston	Updated with new header, new document ID, new copyright statement and changed font following comments from B. Conway
1.0	22/08/14	P. Weston	Version valid for NWPSAF 1D-Var v1.0

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Compiles and runs under:

NAGWare Fortran 95 compiler version 5.2 on Dell Precision T3500 (Linux)

Portland Group Fortran 90 compiler version 11.7 on Dell Precision T3500 (Linux)

Intel Fortran 90 compiler version 12.0 on Dell Precision T3500 (Linux)

GNU Fortran 90 compiler version 4.4.6 on Dell Precision T3500 (Linux)

XL Fortran 90 compiler version 14.1 on IBM Power7 under AIX

See table 1 in nwpsaf-mo-tv-033_test_plan.pdf for further details.