

Test report for CWDP 1.0, 25 March 2021

The CWDP 1.0 software and documentation were provided to Alexey Mironov from IFREMER in France.

He installed and tested the CWDP and it is integrated in IFREMER.

On 24th March 2021 we received the answers below to our inquiry (in *italics*).

QUESTIONNAIRE

1. Which operating system did you use?

Ubuntu 18, 20,

SUSE Linux Enterprise Server 12 SP1

2. Which Fortran compiler did you use?

GNU Fortran (SUSE Linux) 4.8.5

3. Did you have any trouble downloading the source code?

No

4. Do you have any suggestion for improvement of the software?

The automatic compiler configuration didn't work for me, for some reason the wrong compiler was selected. Everything works, after the manual configuration.

5. Do you have any suggestion for improvement of the documentation?

No

6. Did you contact KNMI (scat@knmi.nl) with any questions about the software? If so, what are your experiences with the help desk?

No

Installation

1. Were you able to install the software by yourself or did you need help?

Installed by myself.

2. Is the installation guide clear?

Quite clear

3. Did you have any troubles downloading the ECMWF BUFR and GRIB libraries?

No

4. Was it clear to you where to put the source code of the ECMWF BUFR and GRIB libraries?

Yes

Use

1. Have you tried different command line options?

Yes, most of the available options.

2. Is the meaning of the command line options clear?

Yes

3. Did you do the test runs? If so, how did you check their outcome?

Yes. Statistical test against ECMWF model wind field, comparison with buoy data.

4. Did you miss any option?

No

5. Did you find any bugs in the software? If so, which ones?

No critical issues.

Operation (for operational users only)

1. Does the processor satisfy your needs in terms of memory requirements and computational speed?

Yes, I did not face any problem.

2. Can the processor be integrated within your system?

Yes