

MESSy on-line diagnostics in COSMO-CLM and ICON-CLM

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MESSy diagnostics: Get more out of your model without the need to touch the code

MESSy provides a huge range of on-line diagnostic tools, e.g.

- 1) simple statistics w.r.t. time, such as
monthly mean, standard deviation, minimum, maximum or event counting,
- 2) the output on distinct surfaces (e.g., pressure levels, potential vorticity iso-surfaces),
- 3) output of data along sun-synchronous satellite orbits or radiosonde tracks or at specific geographical locations,
- 4) the renaming of variables, as e.g. required by the CMOR standard,
- 5) redirection of a set of variables into specific output files,
- 6) diagnostics for tracers (such as hydrological variables),
- 7) tendency diagnostics.



COSMO-CLM/MESSy is provided to the CLM-Community members and used for COPAT2

The diagnostic tools are also available in ICON/MESSy.