

Content of the folder AQC-scripts_C3-UERRA

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1- The C3-UERRA AQC (automatic quality control) scripts description

a. UQC

- Programme for automatic quality controlling hourly air surface observational data (temperature, relative humidity, wind speed and wind direction)
- Programme developed in *Fortran*
- Output: different files reporting suspicious values
- Developed by Peter Domonkos

b. SLP-snowQC

- Programme for automatic quality controlling hourly air pressure and snow data
- Scripts developed in *R*
- Output: different files reporting suspicious values
- Developed by: SLPQC Enric Aguilar, snowQC Javier Sigró, Linden Ashcroft

2- Folders contents

a. UQC

- The uqc.exe file, to execute the programme
- The UQCparam.txt and td.dat, files required to run the programme
- UQC_instructions, a short description step by step of how to run the programme
- UQC_manual, the user guide and scientific description of UQC programme

b. SLP-snowQC

- The hiphipuerra.r script, to execute the air pressure quality control test
- The snowqc.r script, to execute the snow quality control test
- SLP-snowQC_instructions, a short description of SLP-snowQC