

Handbook for running the SLP-sonwQC program

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1-Data and metadata format

a. Metadata format

- It's necessary to generate a .txt file with the format: WMO station id , Station number

WMO number Station No

CZE0011518 Czech001

CZE0011582 Czech002

CZE0011721 Czech003


- The file must be named as follows: countryname_stnnumberdecoder

b. Data format


- The order of the columns should be: Year – Month – Day - SLP1 - SLP2...
- Header: Year, Month, Day SLP_{hh} (hh=observation hour)
- The decimal point must be "." not ","

	A	B	C	D	E	
1	Year	Month	Day	SLP7	SLP19	
2	1965	1	1	1007.8	1006.3	
3	1965	1	2	1002.4	1004.6	
4	1965	1	3	1007.6	1010.6	
5	1965	1	4	1016.4	1025.5	
6	1965	1	5	1028.6	1027	
7	1965	1	6	1026.6	1025.5	
8	1965	1	7	1029	1021.4	
9	1965	1	8	1015.8	1008.8	
10	1965	1	9	1023.8	1012.3	
11	1965	1	10	1005.2	1021.4	
12	1965	1	11	1023.2	1021	

- The files must be in excel and named as follows: the stnnumberdecoder name of metadata file but including SLP between the country and the station number:

 CzechSLP001

 CzechSLP002

 CzechSLP003

2- Running the SLP-snowQC program

First, to run the program, we have a folder with:

- Data files in the format described above
- The file "hiphipuerra.r"
- Run the program with R