

HadISDH Update Document

Kate Willett (MOHC), 1st April 2019

General Notes:

The HadISDH.v4.1.0.2018f contains all 12 months of 2018. It is a minor new version (Y element + 1) because some of the code base has been changed from IDL to Python 3 and from Python 2.7 to Python 3. All other processing steps for HadISDH remain identical. The new version of HadISD (3.0.0.2018f) has pulled through some historical changes to stations which are passed on to HadISDH. This and the additional year of data results in small changes to station selection. This is rolled into the minor increment of Y from 0 to 1 rather than also incrementing the Z element. The homogeneity adjustments differ slightly due to sensitivity to the addition and loss of stations, historical changes to stations previously included and the additional 12 months of data. More information can be found at <https://hadisdh.blogspot.com/2019/07/2018-update-to-v4012018f.html>.

Version Number vX.Y.Z.0000p/f:

V4.1.0.2018f

Major Changes X:

None

Minor Changes Y:

All processing steps for HadISDH remain identical but much of the code is now written in Python 3 rather than IDL and Python 2.7.

Bug fixes / historical data updates Z:

Retrospective improvements to the historical data in the ISD archive are ongoing and have been incorporated here where stations appear in previous and this new HadISDH version. These have not been documented. Given the Major Change X above we have not incremented a Change Z.

Start Date DD.MM.YYYY: 1973-01-01

End Date DD.MM.YYYY: 2018-12-31

HadisdhTable (Baseline documentation): No change – URL: <http://cedadocs.badc.rl.ac.uk/1267/>

Reference: No change

Other notes: The update blog post is here: <https://hadisdh.blogspot.com/2019/07/2018-update-to-v4012018f.html>