

A survey of unutilized barometric pressure data from Icelandic stations since 1871

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Many barometric pressure records located in the archive of the Iceland Meteorological Office (IMO) have not been digitized or included in the International Station Pressure Database (ISPD) or in the 20th Century Reanalysis. These records consist of sub-daily station observations and barograph/microbarograph chart strips from locations in Iceland. Some station records originally published in Danish and Icelandic meteorological yearbooks have been imaged and are available online but the barograph records have not been touched since they were made many years ago. Here we report progress in evaluating this data resource and its potential influence on the performance of the 20th Century Reanalysis in the early period (~1871-1920).