Readme.doc for Raven (Dye 2), Greenland 1998 ice cores

The two files named Dye-2_Raven_Core_A_1998 and Dye-2_Raven_Core_B_1998 contain all the information measured or collected by The Ohio State University (OSU) for the two cores collected in 1998 at Dye 2 (Raven), Greenland. The cores were collected under the auspices of the NSF / NASA funded PARCA (Program for Arctic Climate Assessment).

Two cores, 120.87 and 20.5 m long were drilled. Core A (Core 1) was drilled first. The upper 20 meters were in very bad shape. The drill was adjusted and drilling continued to 120.87 m. The setup was moved slightly (less than a meter away) and a 20.5 meter core Core B (Core 2) was drilled to replace the upper 20 meters of Core A.

Note the different data are separated on specific sheets.

Some of these data (density and stratigraphy) were used in this paper:
Machguth, H., M. MacFerrin, D. van As, J. E. Box, C. Charalampidis, W. Colgan, R. S. Fausto, H. A. J. Meijer, E. Mosley-Thompson, and R. S. W. van de Wal. 2016. Greenland meltwater storage in firn limited by near-surface ice formation. *Nature Clim. Change*, DOI: 10.1038/nclimate2899.

The accumulation data were used in this paper:
Box, Jason E. Noel Cressie, David H. Bromwich, Ji-Hoon Jung, Michiel van den Broeke, J. H. van Angelen, Richard R. Forster, Clement Miege, Ellen Mosley-Thompson, Bo Vinther, Joseph R. McConnell. 2012. Greenland Ice Sheet Mass Balance Reconstruction. Part I: Net Snow Accumulation (1600-2009). *Journal of Climate*, 26(11), 3919-3934.

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