

Outlook

CH4 ties

From Buizert, Christo <Christo.Buizert@oregonstate.edu>

Date Tue 2/11/2025 9:23 PM

To Mackay, Quinn <mackayq@oregonstate.edu>

 1 attachment (17 KB)

Quinn_CH4_mp_table.xlsx;

Hi Quinn,

Here are the CH4 ties between the 6 Antarctic cores. The listed uncertainties are per core, and they are independent. So if you needed the uncertainty between the WD and EDML ties, you would copy those two rows of depths, and then for the uncertainty add the two uncertainty columns in quadrature (i.e., take the square, add them, and then take the square root of the sum).

For some of these cores there may already be gas-phase linkages, so be sure not to just override what is already in AICC2023, but compare and add / replace as needed.

We have new EDML data that are not in this table. It would not be hard to add.

Good luck, let me know if you have questions

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