The Automatic Weather Station and Polar Climate and Weather Station Field Season 2024-2025

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For the 2024-25 field season Lee Welhouse, Forbes Filip, Carolyn Lipke, and Tyler Plekan deployed to Antarctica with the goals of maintaining the Automatic Weather Station (AWS) and Polar Climate and Weather Station (PCWS) network out of McMurdo, install a new 100 foot tower in the McMurdo area, and service the AWS network in west antarctica out of West Antarctic Ice Sheet (WAIS) summer camp. Due to unexpected weather the efforts to service the network in west antarctica were not viable and has been pushed to the 25/26 field season. This marks 6 seasons without a significant presence in West Antarctica. The servicing work out of McMurdo, in the Ross Ice Shelf and McMurdo areas was very successful and updates to the network will be discussed. Two PCWS systems were installed and continue to run successfully into the winter. The new 100 foot tall tower was successfully installed.



Figure 1: Field team servicing Emilia Station