

Melt Monitor
Sprint 4 Progress Report

Team 6

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Sprint 4 Progress Report

- The main dashboard and KPI cards for CO2, temperature, and Glacier Index are fully working.
- The color map feature is now functional and showing correct data.
- We have found two data sources but still need to verify with the team next sprint.
- The time slider for history and prediction is partly done and will be improved next sprint.
- Real-time data updates are being tested.
- Basic data validation and error handling have been added to improve stability.
- The sources page has been implemented and formatted.
- The database has started configuration for tracking the data we are displaying.

Next Steps:

- Finding reliable and compatible data sources.
- Handle and clean data according to our needs.
- Finalizing the map component for the website using Leaflet.
- Refine backend integration and ensure data is up-to-date and appropriate.
- Improve interface design and test for dashboard responsiveness.
- Fully connect database to front end API pulling for data tracking.