

Melt Monitor
Sprint 2 Progress Report

Team 6

Chance Kissel, Lwin Moe

Paul Lewis Marcos, Soham Bhowmick

Prof. Dominic Abucejo

FA25: CS-160 Sec 03 - Software Engr

Department of Computer Science, San Jose State University

Oct 10, 2025

Sprint 2 Progress Report

- Progress has been made towards the MeltMonitor web application with the use of open-source templates. We have examined a plethora of open-source templates that include data sets from NOAA U.S.
- The main dashboard/landing page has been started, and its formatting is currently a work in progress.
- Progress has been made towards how the dashboard/landing page will look through the creation of multiple iterations and mockups.
- Progress towards the main dashboard includes wireframes that have been created for upcoming development
- So far, the wireframes consist of three tables that will be used for visualizing data on how Co2, glacier mass, and temperature correlate to one another.

Notes:

- Development progress has been hindered by midterms, delaying code implementation and meeting times.

Next Steps:

- Complete the dashboard and test its usability and data accuracy.
- Finalize backend integration and ensure data is up-to-date.
- Implement all visualization charts and maps.
- Improve interface design and test for dashboard responsiveness.