

Any way you look at it, either it does not look good or the view is catastrophic. The ice caps in Greenland are melting, causing an increase in water in our oceans. With the shift in climate happening across the globe, we are now experiencing the impacts of climate change locally. The rise of water in our oceans then begins to shift the climate across the world. With an increase in global temperatures, the damage is obvious. As the temperatures rise, there is an increase in flooding both locally and globally.

These floods started in other parts of the world and are now beginning again to take place in Marin County. In December of 2022 and the beginning of 2023, Marin County experienced flooding due to an increase in rain. This rain came from storms in other areas of the world. The effects of these floods are noticed by both local and global communities.

The picture above shows Muir Beach after these coastal storms and floods. In summer of 2022 there was more room for passerbyers and beach goers. Now, there are rocks and water where there used to be a beach. There were also downed trees and powerlines on the US-101 driving to the shoreline.

There is the potential for communities, specifically in Peru, who saw flooding done by glaciers melting previously to then experience even greater flooding. The impact would be almost ten times higher than previous. Huaraz, Peru has the potential to experience up to a 50,000 person impact of global warming, as stated by The Economist.