
MITprof Documentation

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Here, you will learn about the *MITprof* toolbox that provides a framework to standardize, manipulate, and analyze ocean profile data collections (e.g., those shown below) in Matlab and Octave. It was originally developed as part the *ECCO version 4* framework along with the companion *gcmfaces* toolbox that handles gridded Earth variables in generic fashion [*FCH+15*].

CHAPTER 1

Data Collections

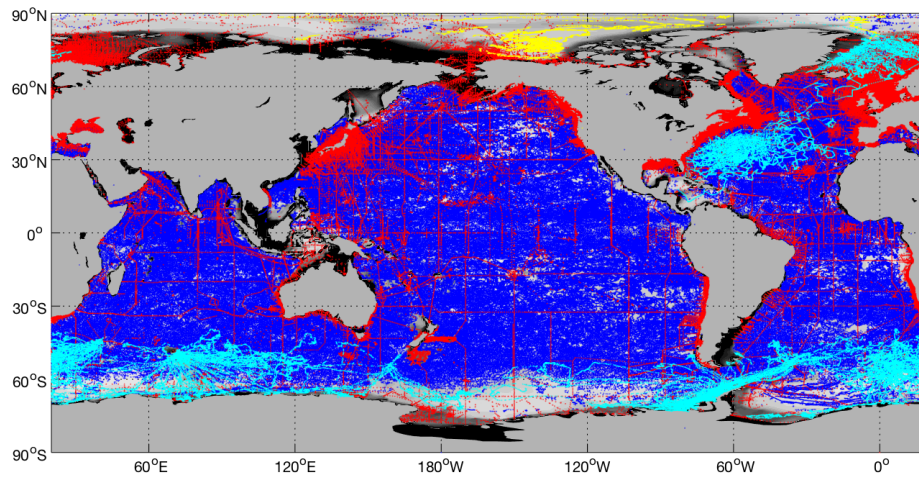


Figure 1.1: Profile data locations for a few MITprof collections.

Bibliography

- [FCH+15] G. Forget, J.-M. Campin, P. Heimbach, C. N. Hill, R. M. Ponte, and C. Wunsch. ECCO version 4: an integrated framework for non-linear inverse modeling and global ocean state estimation. *Geoscientific Model Development*, 8(10):3071–3104, 2015. URL: <http://www.geosci-model-dev.net/8/3071/2015/>, doi:10.5194/gmd-8-3071-2015.
- [FCH+16] G. Forget, J.-M. Campin, P. Heimbach, C. N. Hill, R. M. Ponte, and C. Wunsch. ECCO version 4: second release. 2016. URL: <http://hdl.handle.net/1721.1/102062>.