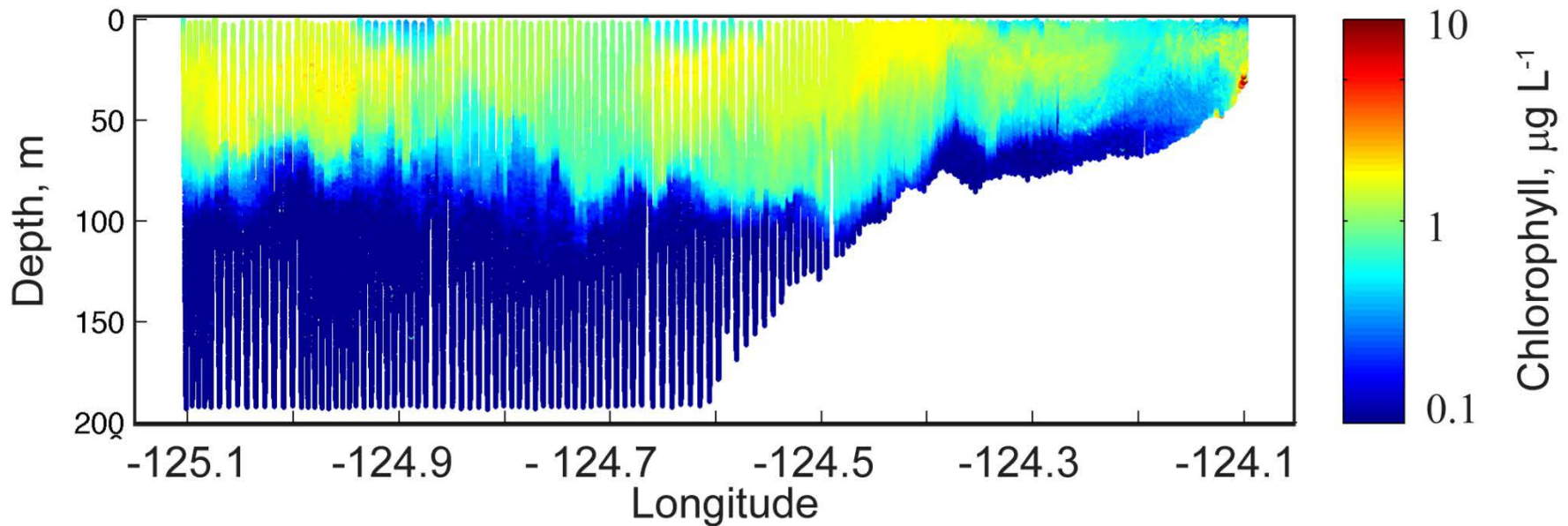


Bloom Product Validation- Gliders



A database of high-resolution glider-based records of chlorophyll, color dissolved organic matter and particulate backscatter have been compiled and gridded from available deployments spanning the 2009-2010 period for which extensive HABs were observed in Oregon waters. Validation of surface glider chlorophyll-a measurements against measurements obtained via ship and satellite are underway. This will allow for comparison of satellite and glider-based analysis of bloom frequency and persistence within the next few months.



Glider data records clearly show persistent and spatially extensive blooms concurrent with the timing of known HAB events.