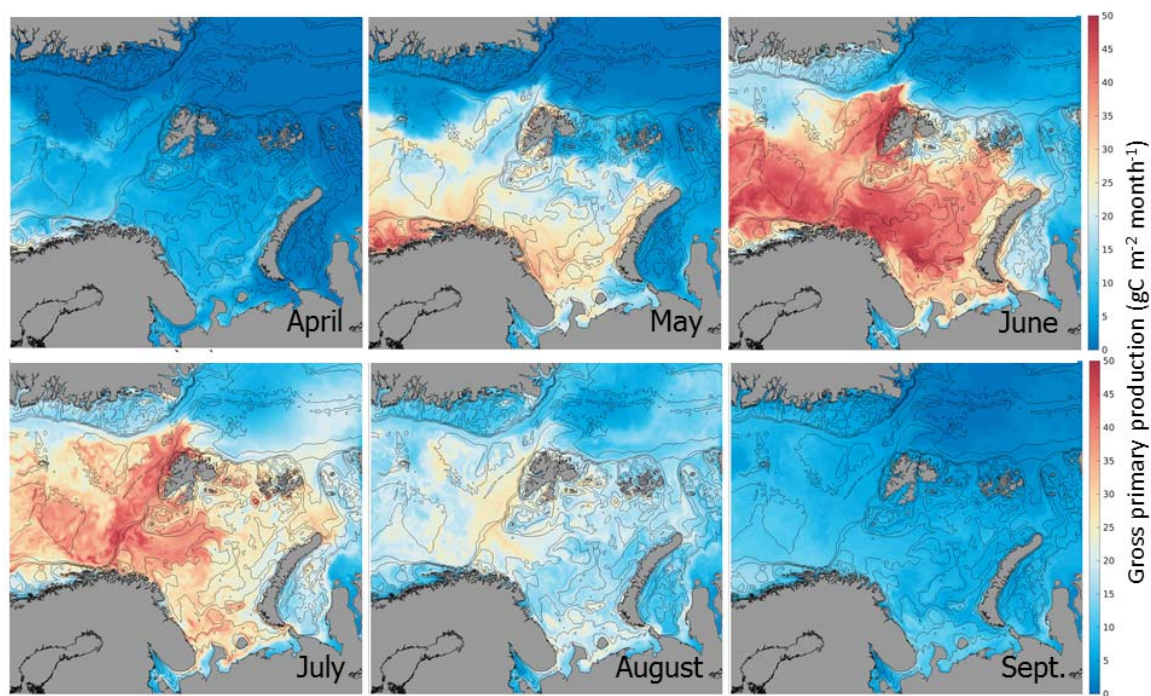
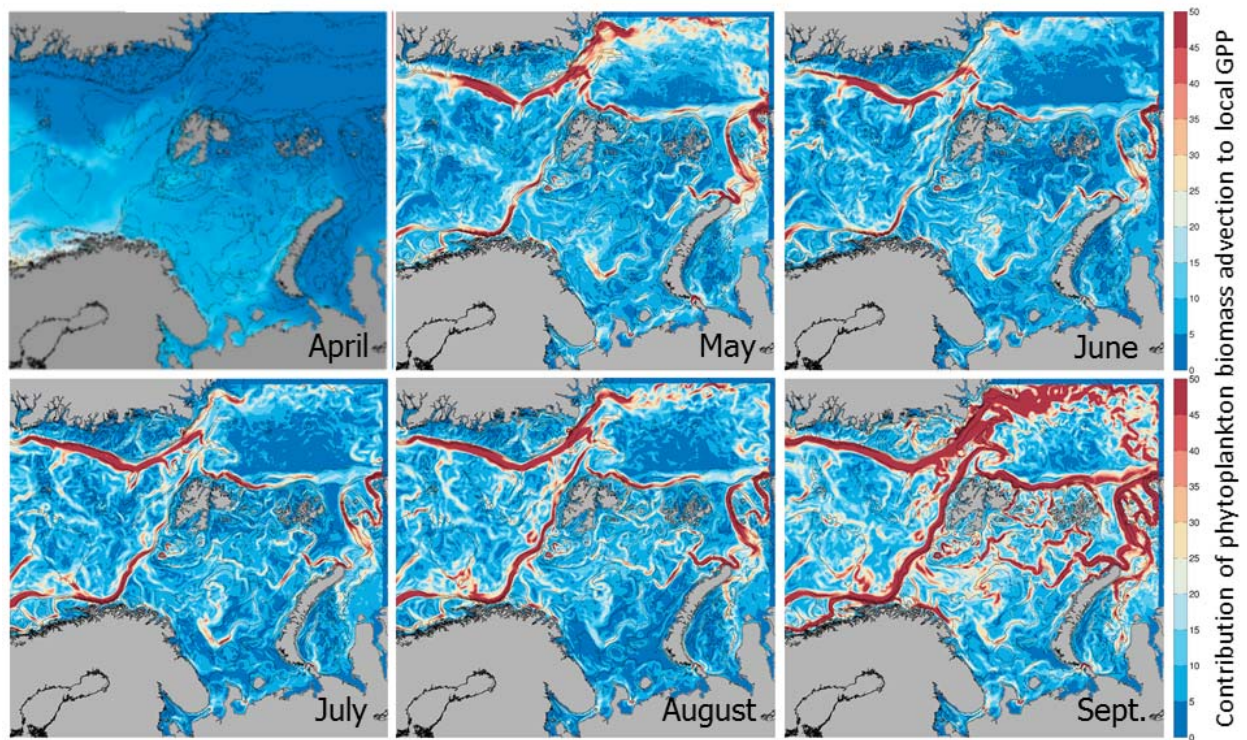


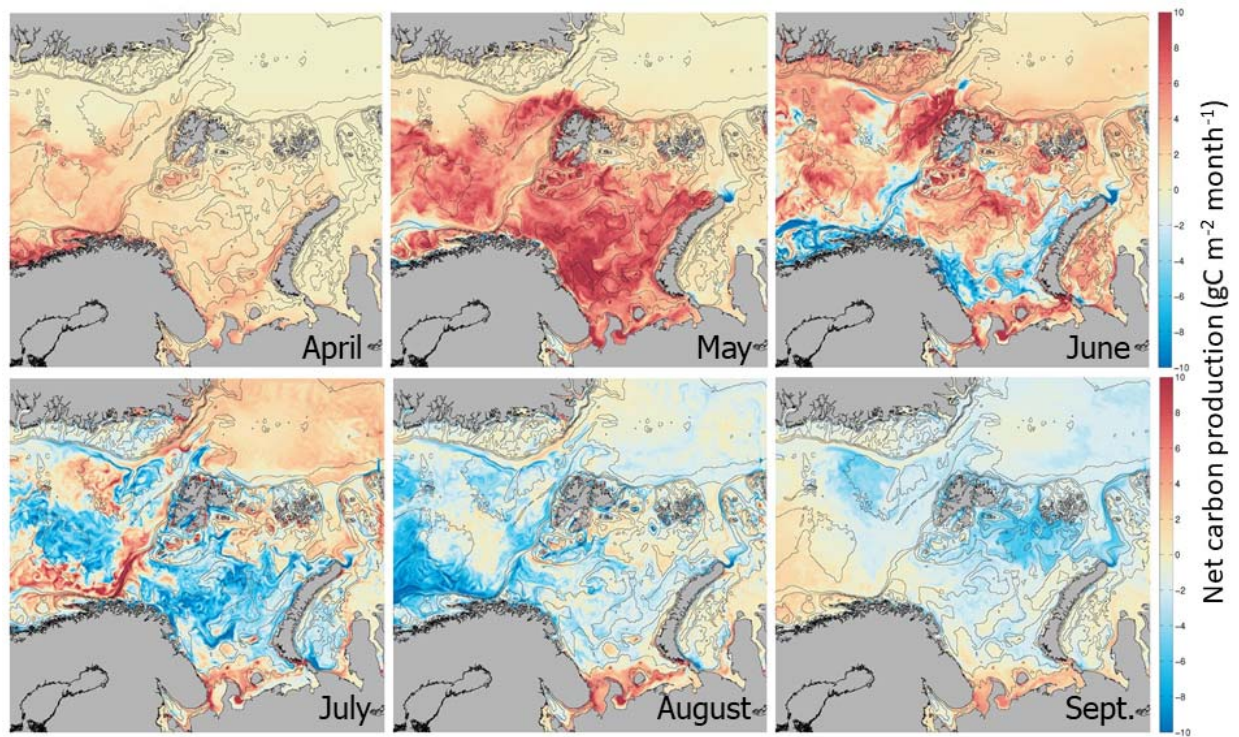
Supplemental Figures



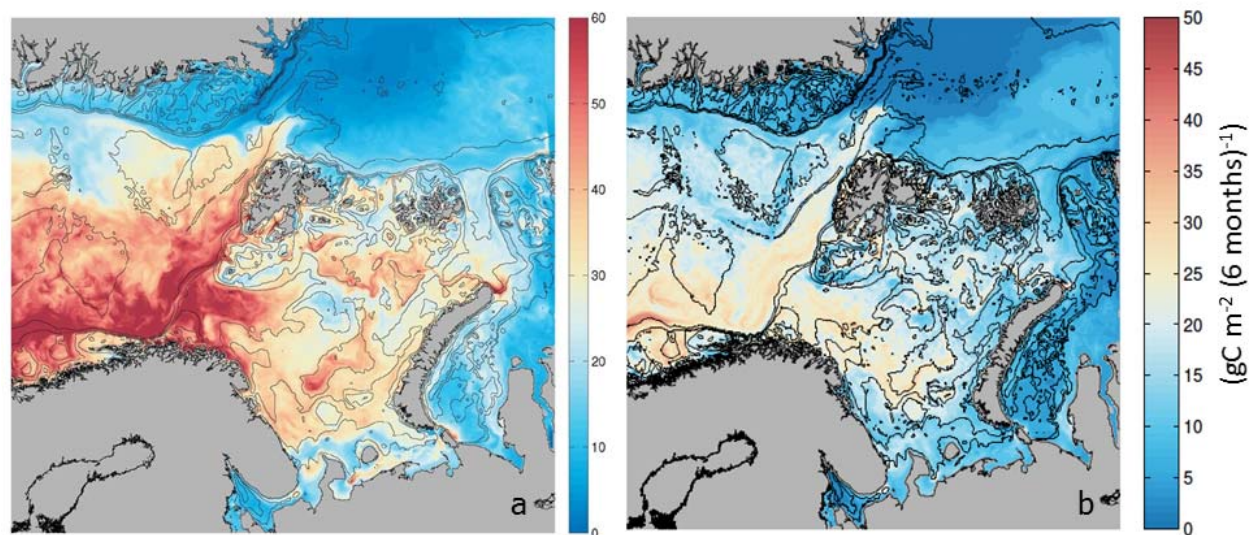
Supplemental Figure 1 - Seasonal variability of Gross Primary Production (GPP) from April to September 2012



Supplemental Figure 2 - Seasonal variability of the contribution of phytoplankton biomass advection to GPP from April to September 2012.



Supplemental Figure 3 - Seasonal variability of net carbon production along the AWI from April to September 2012.



Supplemental Figure 4 - (a) Grazing by zooplankton, macro- and microzooplankton, integrated from April to September 2012. (b) Secondary Production of copepods and ciliates along the AWI, integrated from April to September 2012.