

Figure 46. Annual and seasonal mean bottom oxygen concentration changes (ml l^{-1}) between 2070-2099 and 1969-1998 in RCO-SCOBIs simulations driven by regionalized GCM results. From left to right results for winter (December through February), spring (March through May), summer (June through August), autumn (September through November) and the annual mean are shown. From top to bottom the results of the following scenario simulations and analysis results are shown: RCO-HadCM3-A1B-BSAP, RCO-ECHAM5-A1B-3-BSAP, RCO-ECHAM5-A1B-1-BSAP, RCO-ECHAM5-A2-1-BSAP, ensemble mean, and range.

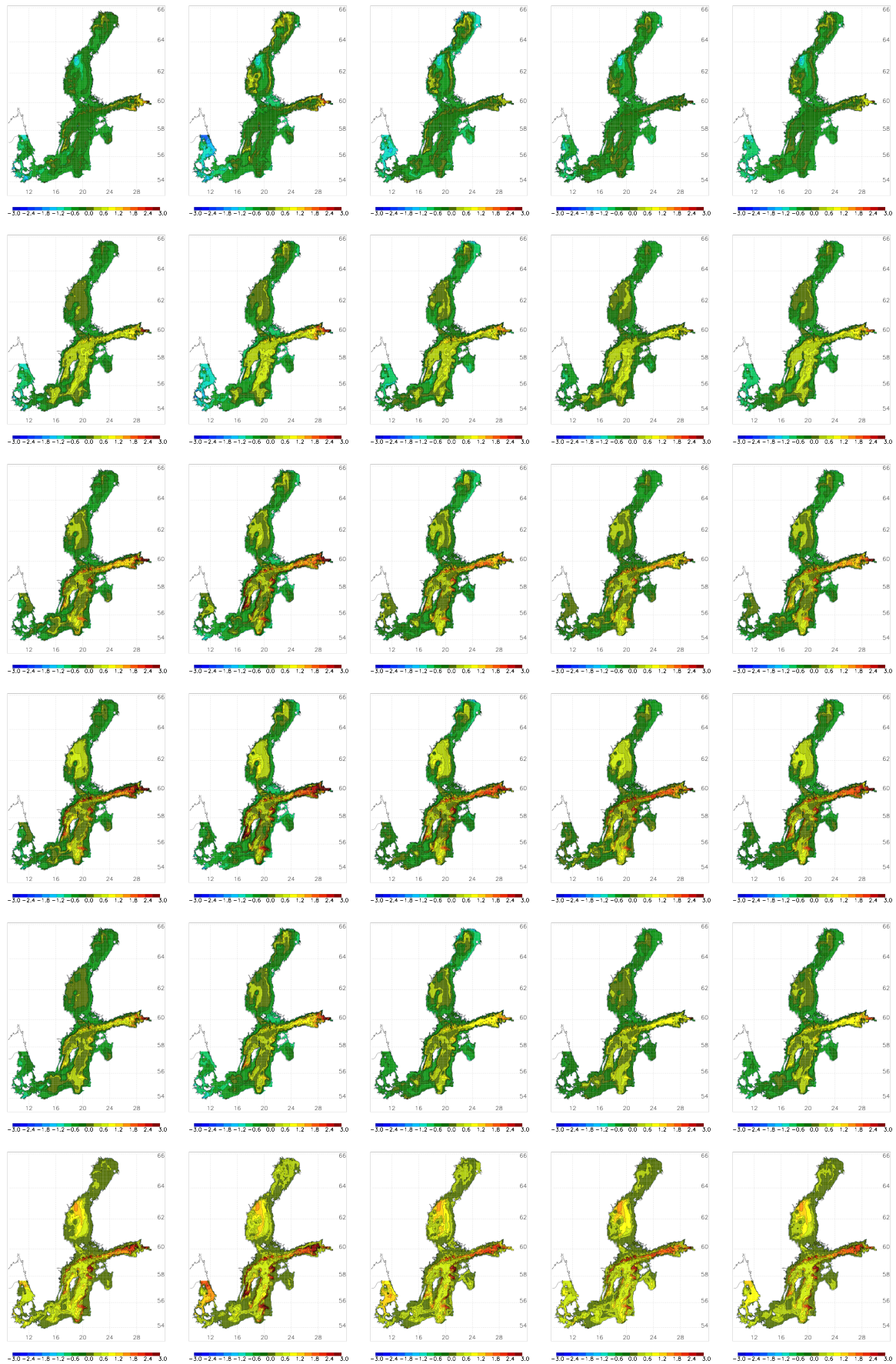


Figure 46. Continued.

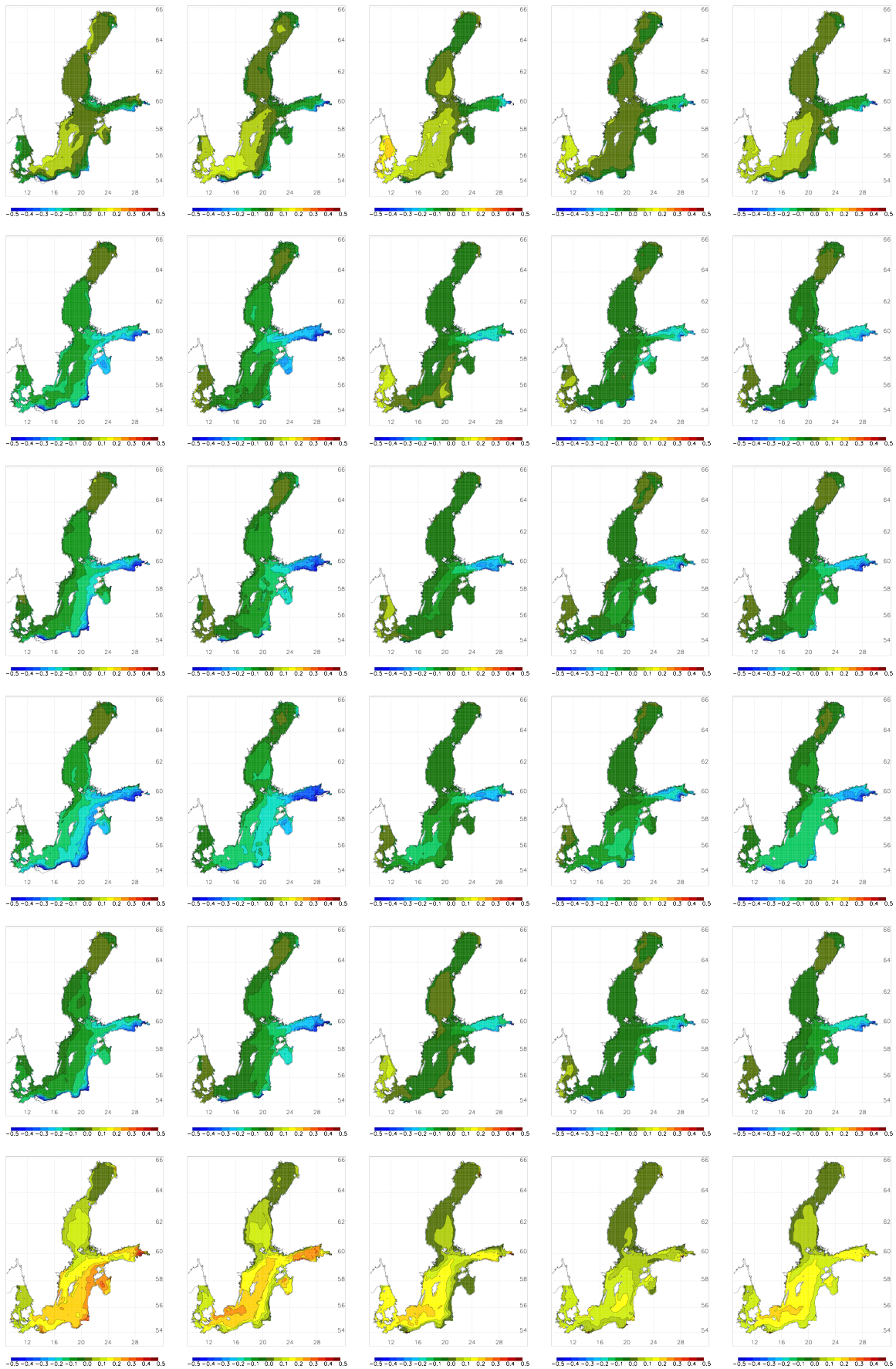


Figure 47. As Fig. 46 but for phosphate concentration changes (mmolP m⁻³).

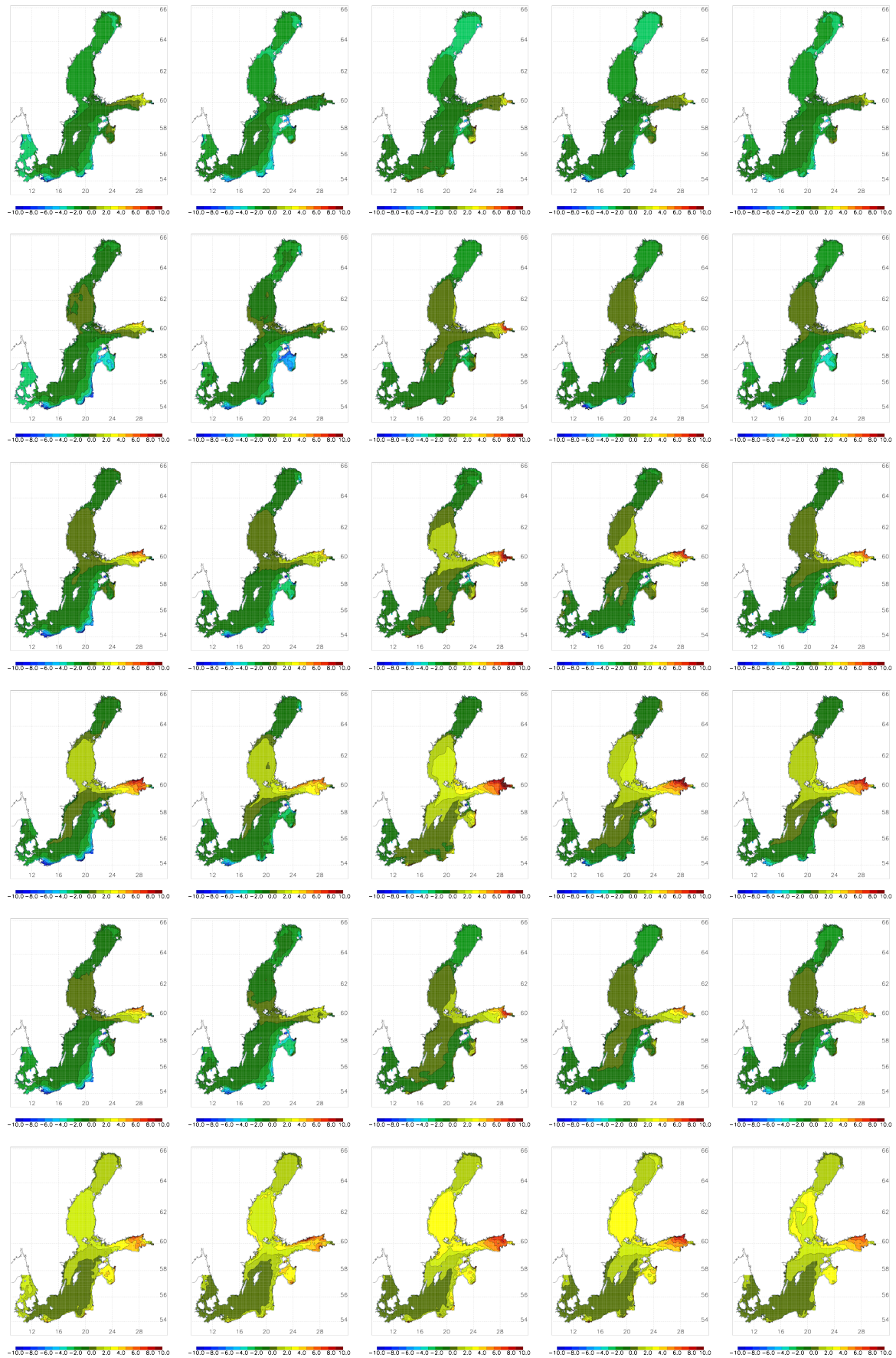


Figure 48. As Fig. 46 but for nitrate concentration changes (mmolN m⁻³).

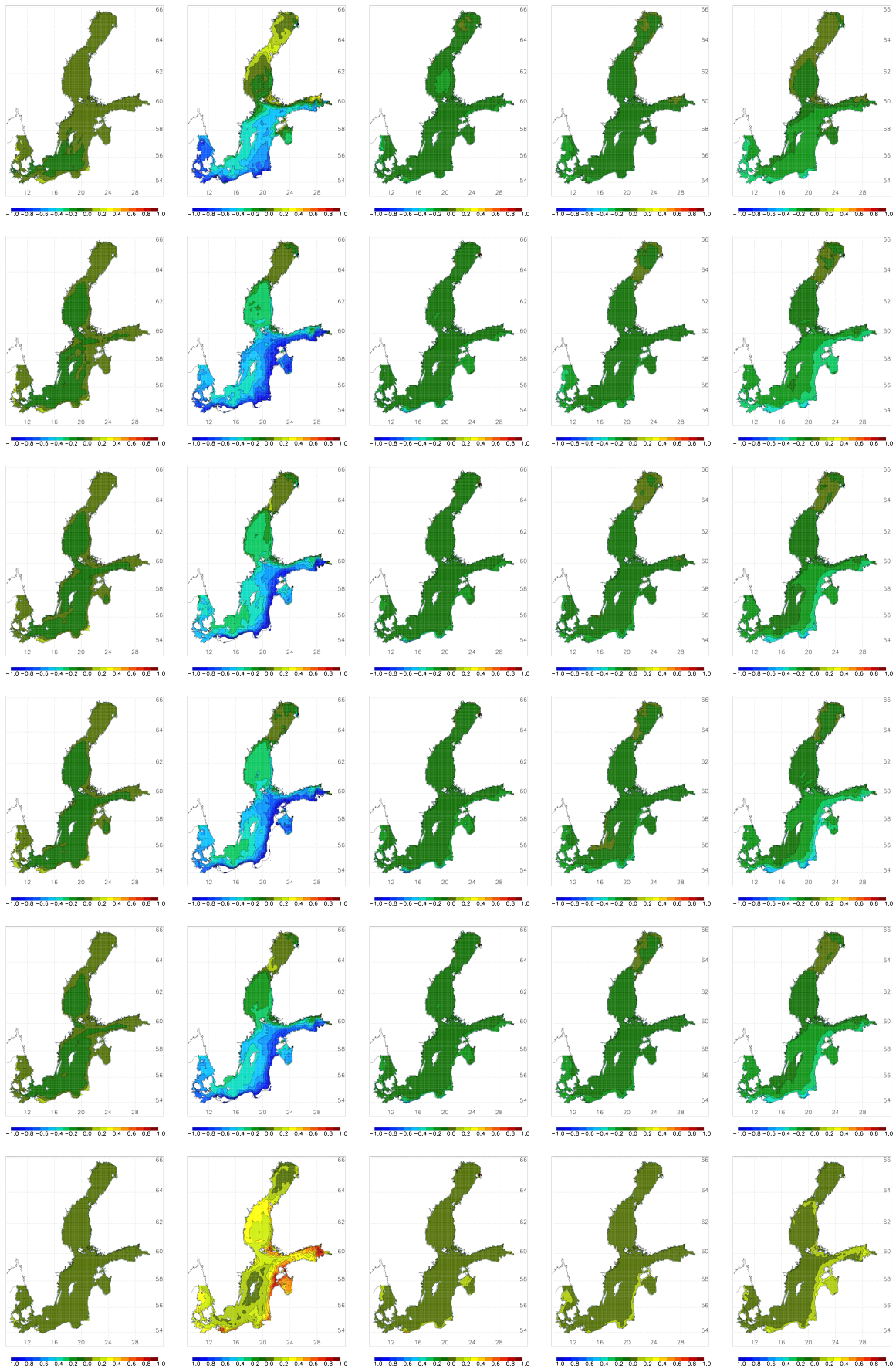


Figure 49. As Fig. 46 but for diatom concentration changes (mgChl m⁻³).

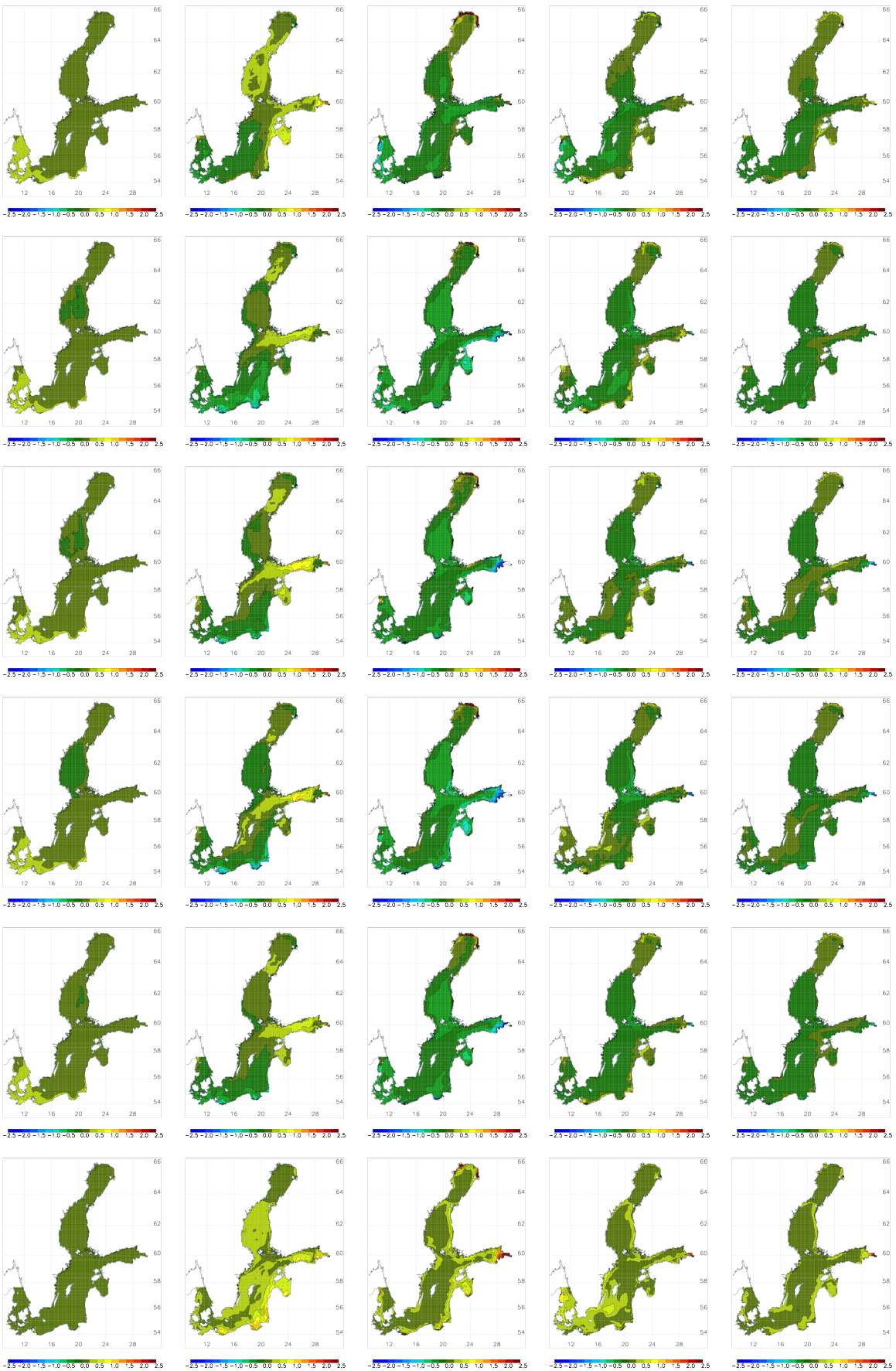


Figure 50. As Fig. 46 but for concentration changes of flagellates and others (mgChl m⁻³).

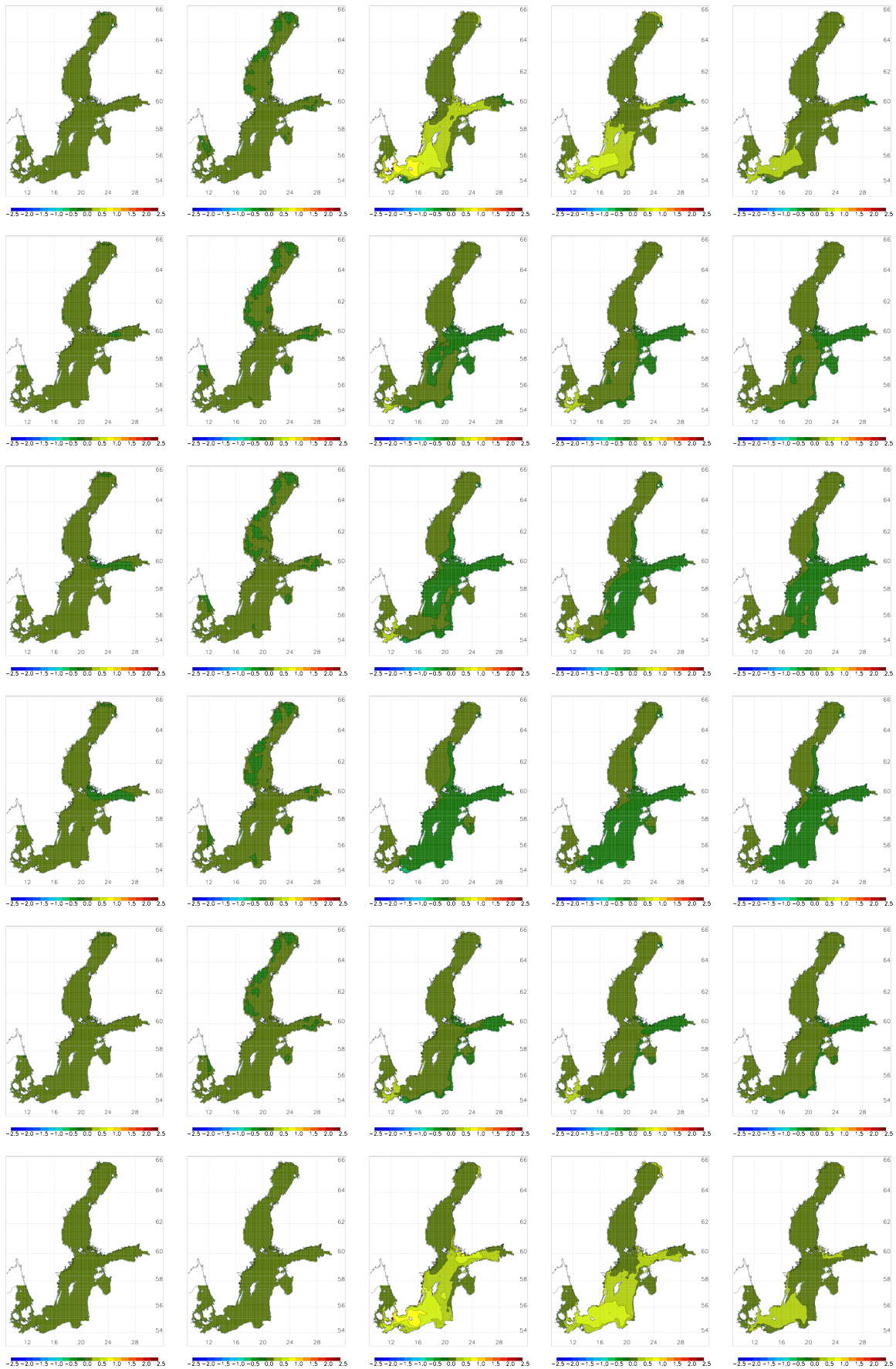


Figure 51. As Fig. 46 but for cyanobacteria concentration changes (mgChl m⁻³).

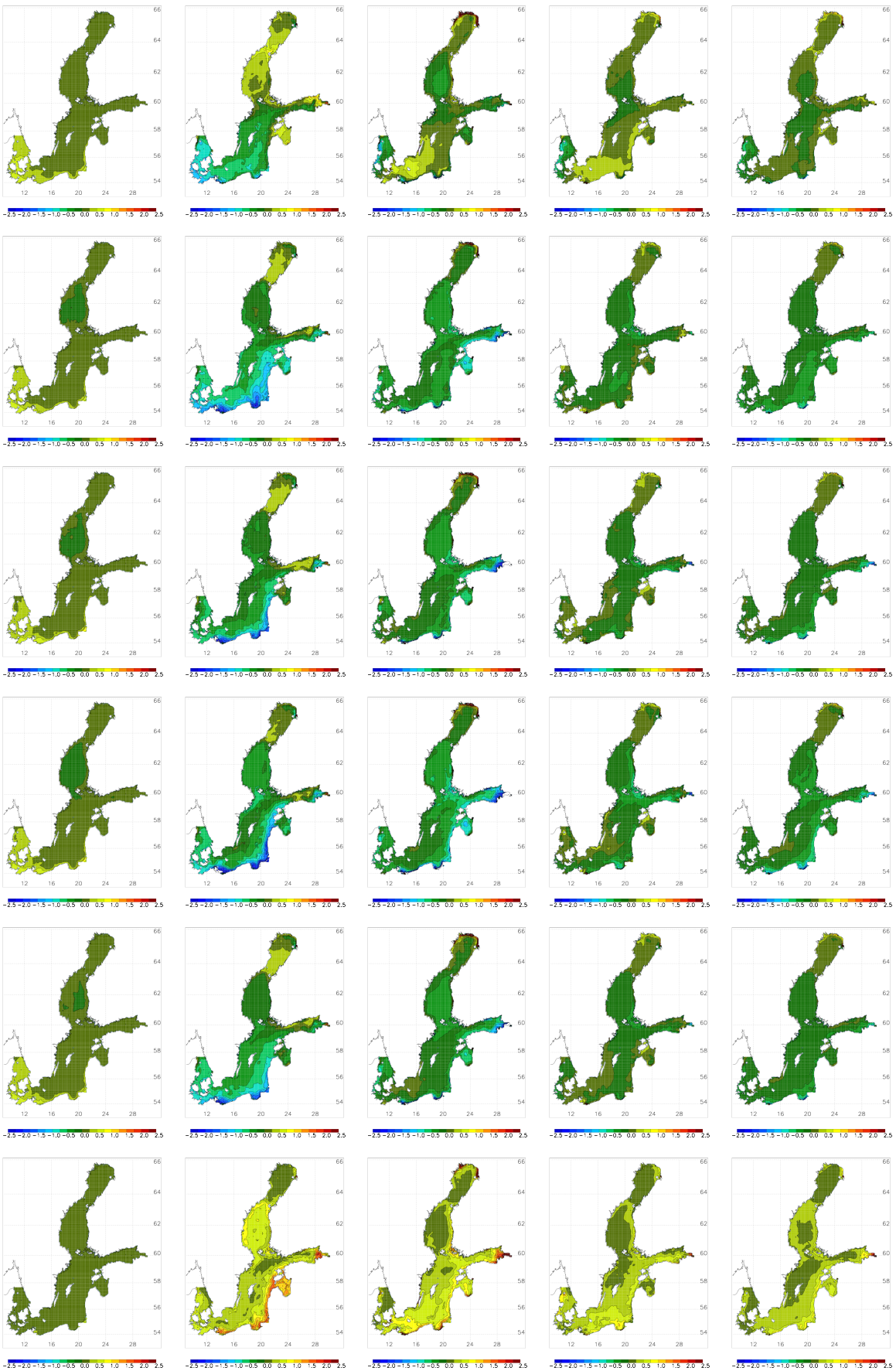


Figure 52. As Fig. 46 but for phytoplankton concentration changes (mgChl m⁻³).

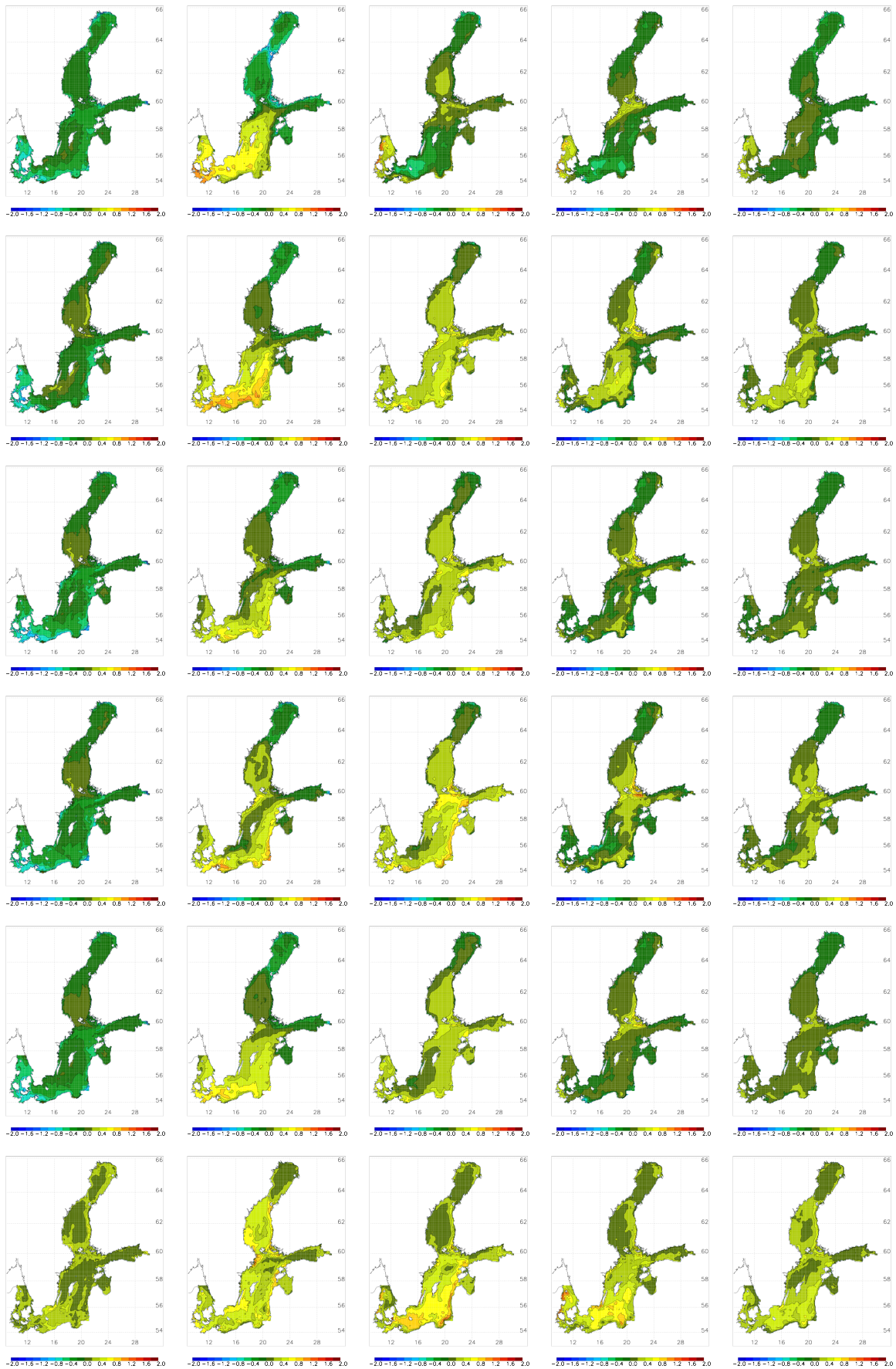


Figure 53. As Fig. 46 but for Secchi depth changes (m).