

Figure 54. 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-CLEG, RCO-ECHAM5-A1B-3-CLEG, RCO-ECHAM5-A1B-1-CLEG, RCO-ECHAM5-A2-1-CLEG, ensemble mean, and range.

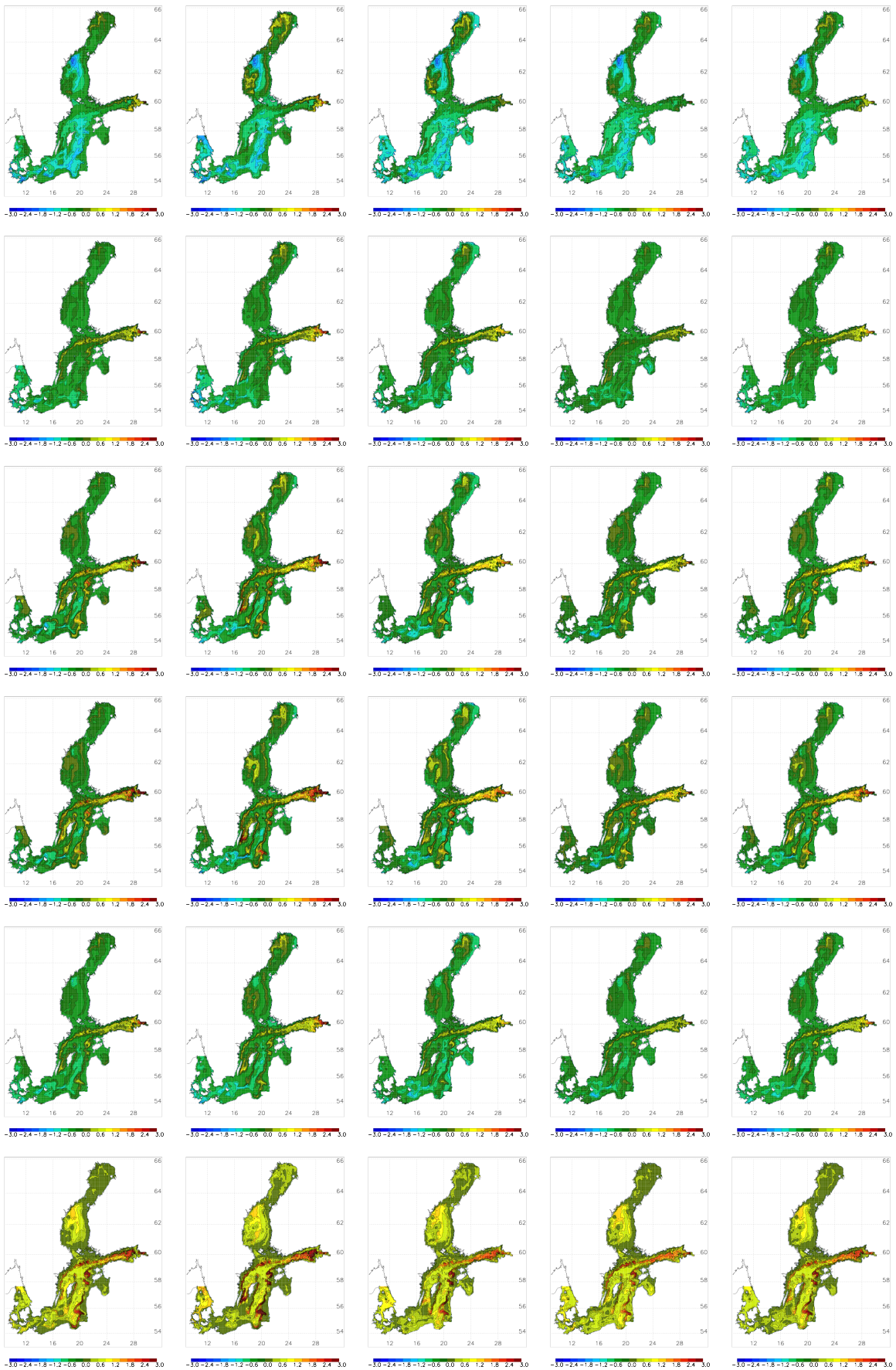


Figure 54. Continued.

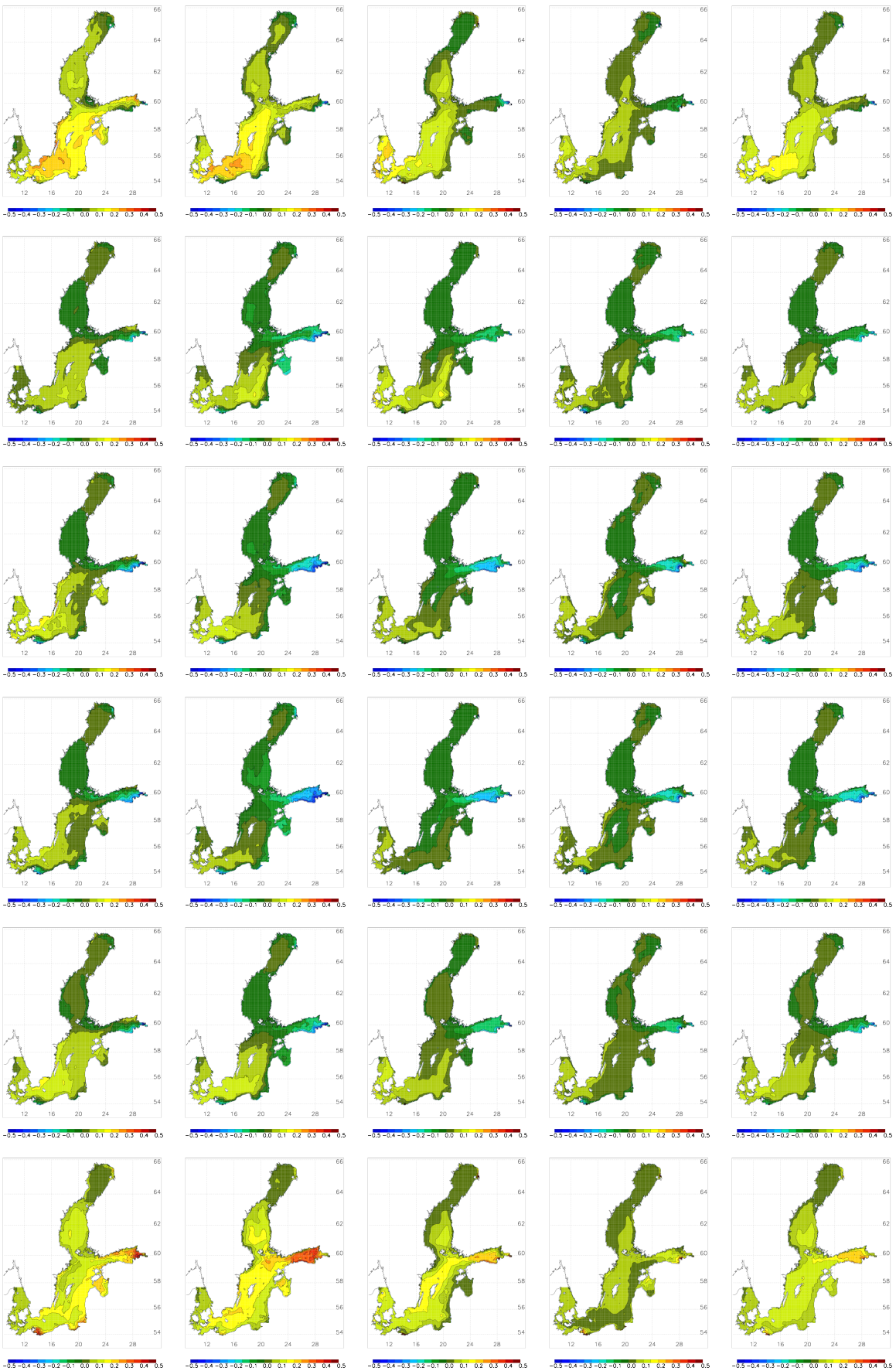


Figure 55. As Fig. 54 but for phosphate concentration changes (mmolP m⁻³).

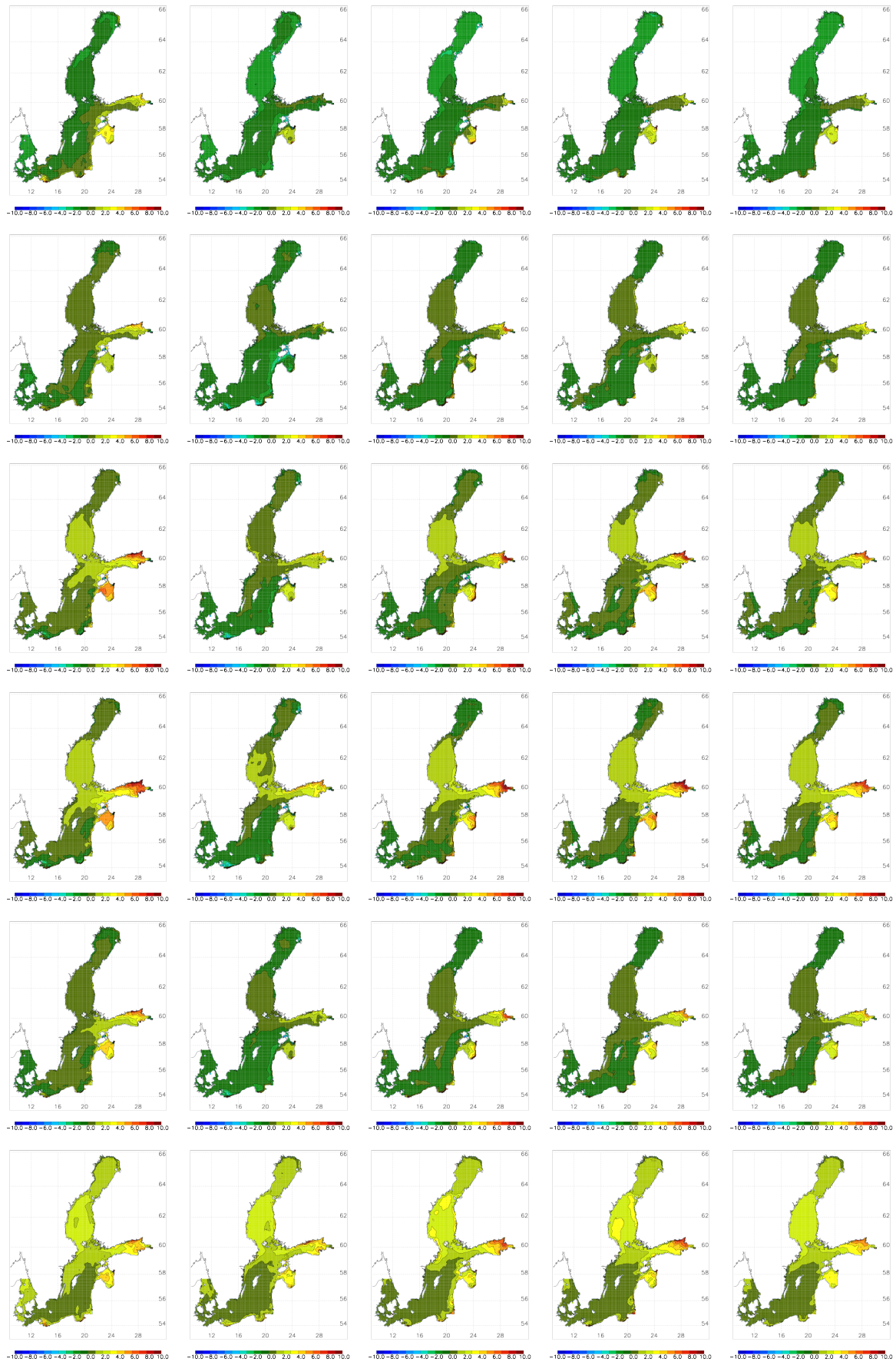


Figure 56. As Fig. 54 but for nitrate concentration changes (mmolN m⁻³).

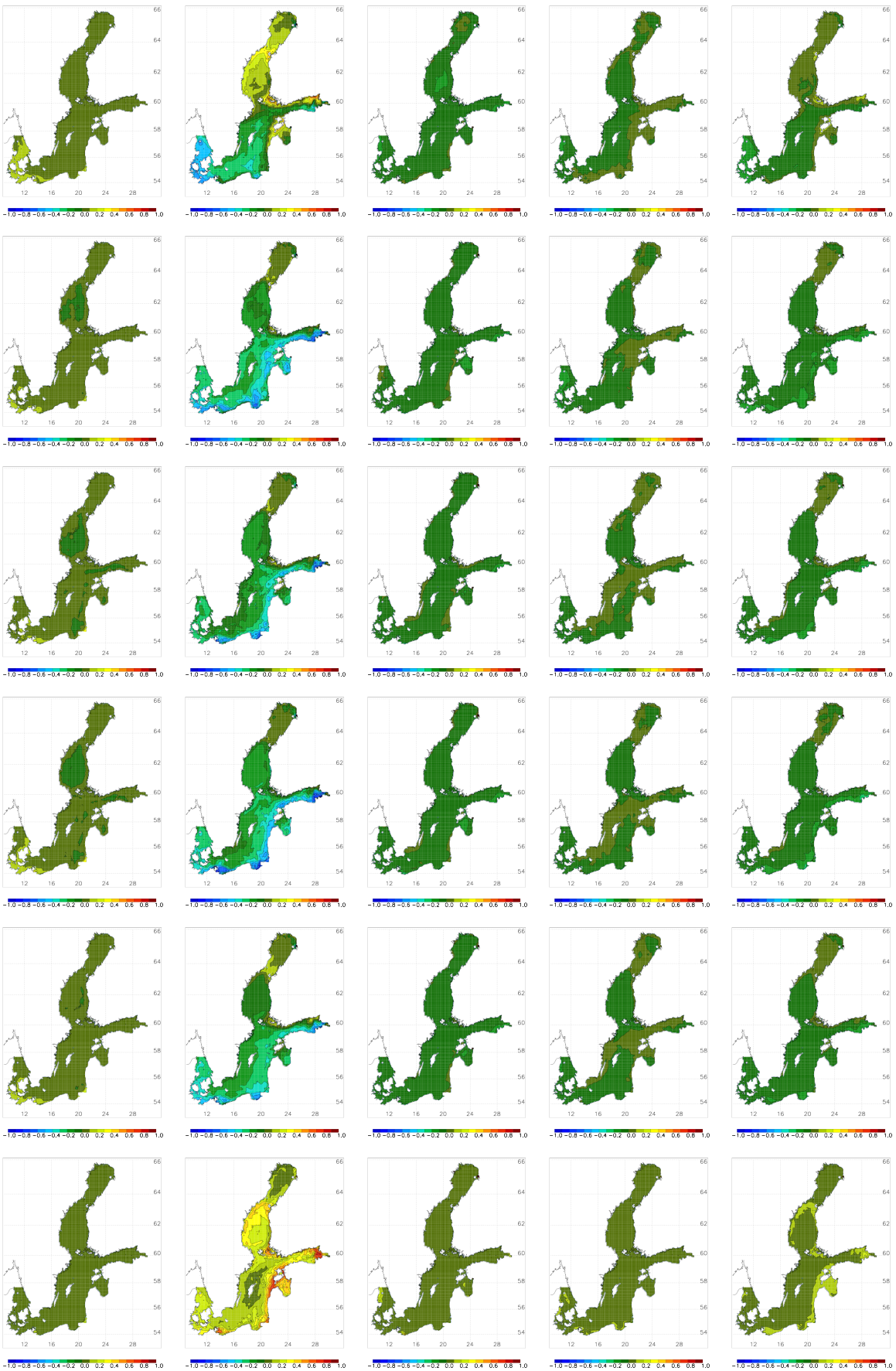


Figure 57. As Fig. 54 but for diatom concentration changes (mgChl m⁻³).

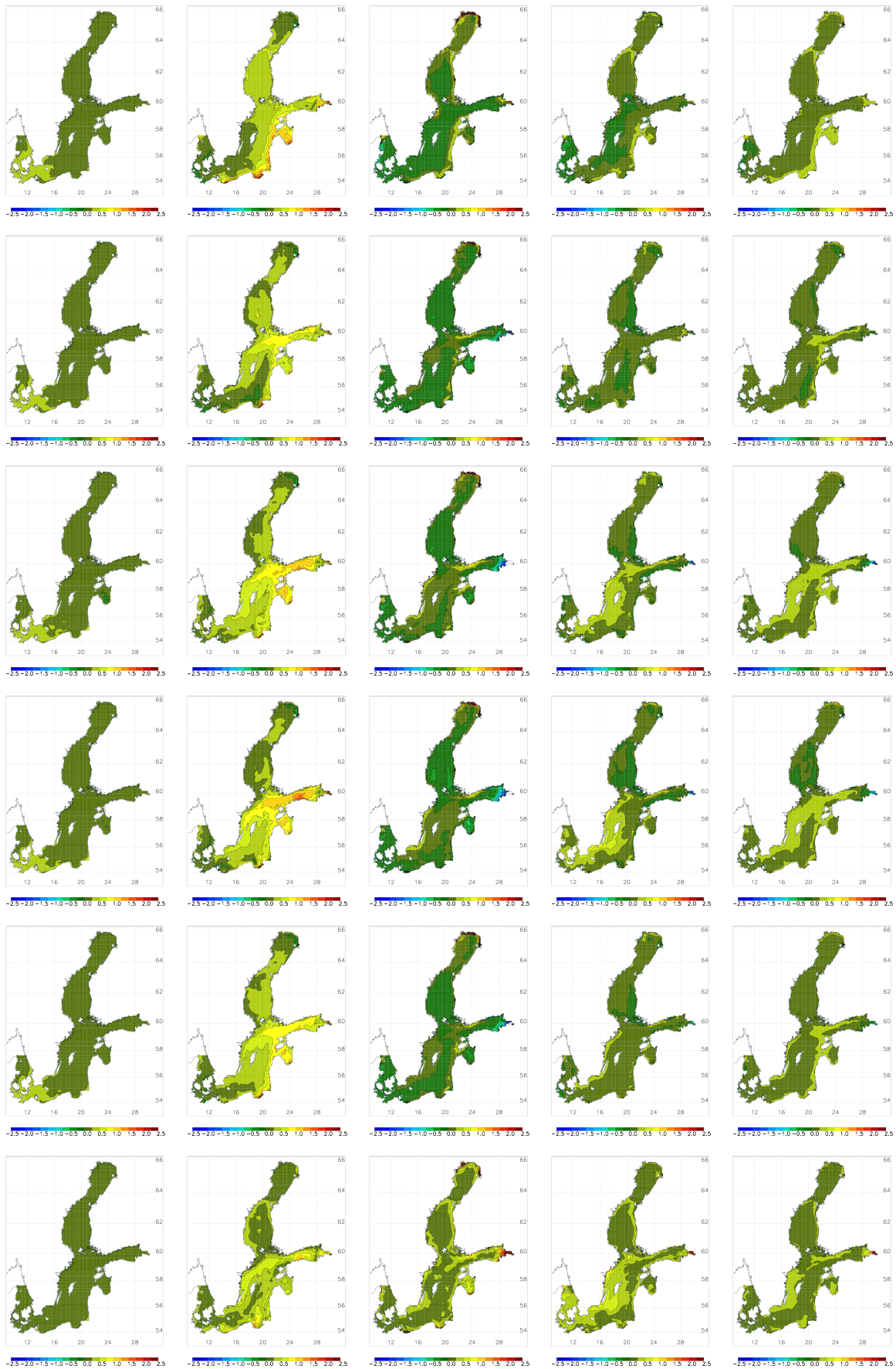


Figure 58. As Fig. 54 but for concentration changes of flagellates and others (mgChl m⁻³).

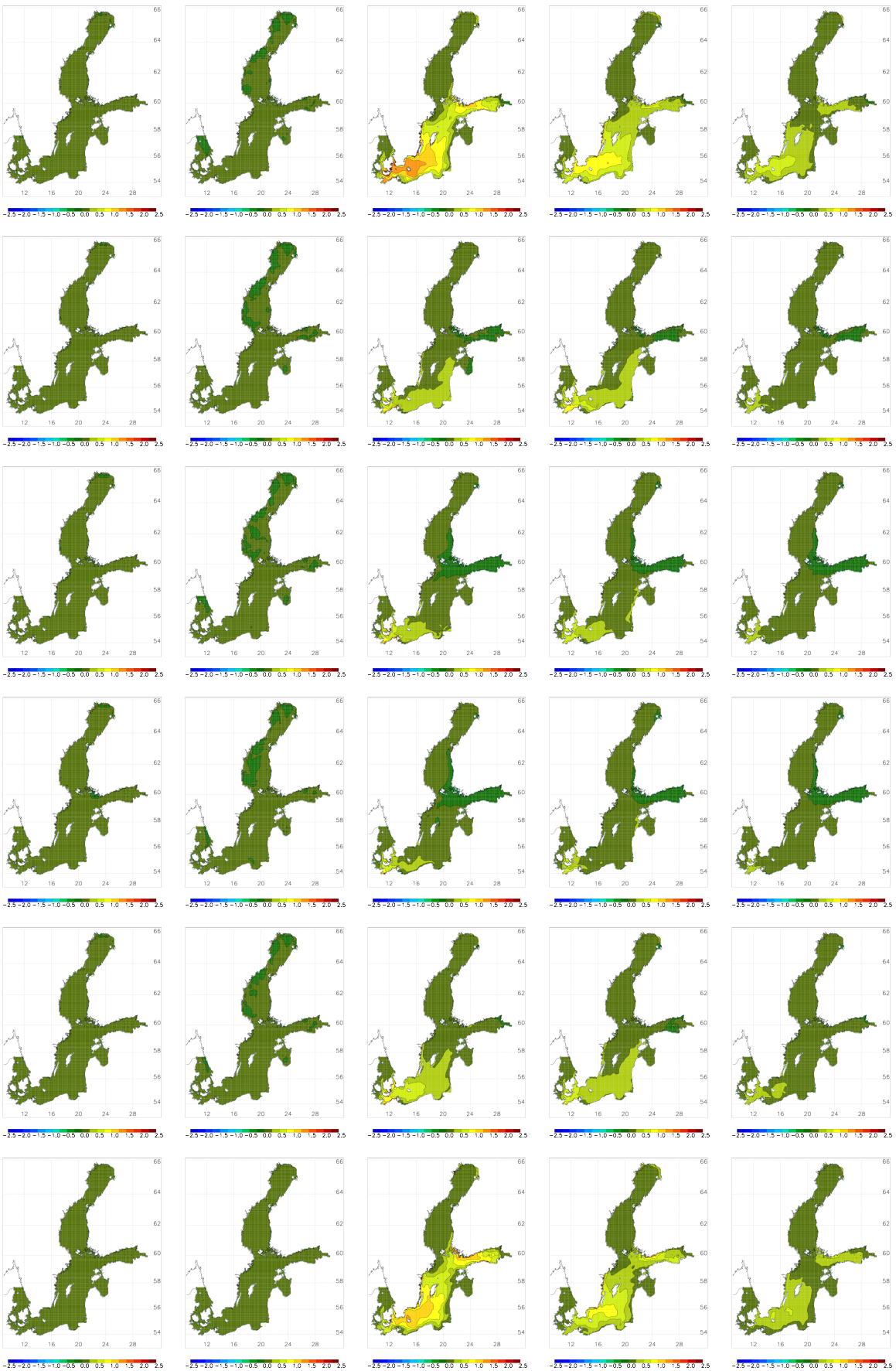


Figure 59. As Fig. 54 but for cyanobacteria concentration changes (mgChl m⁻³).

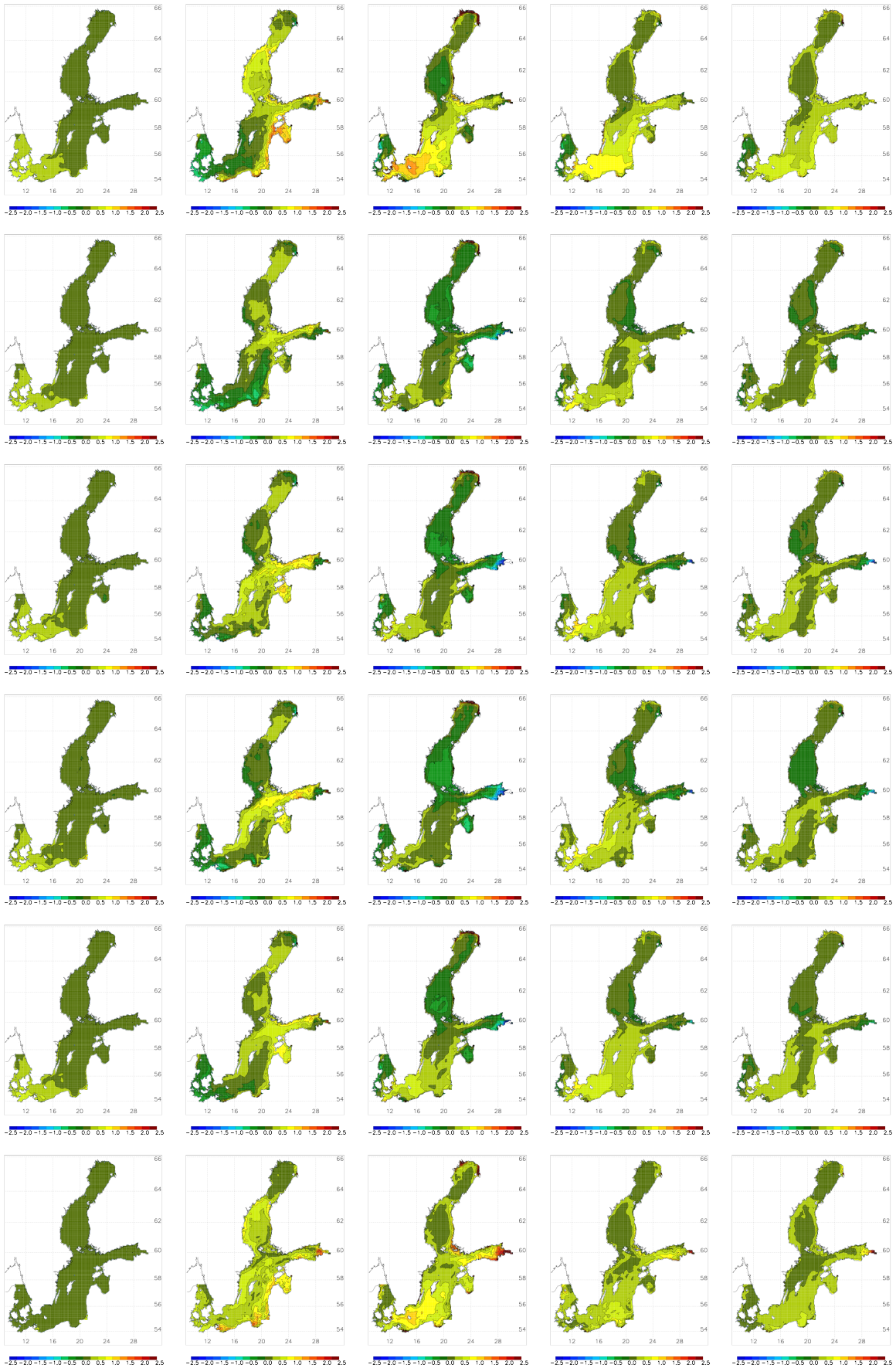


Figure 60. As Fig. 54 but for phytoplankton concentration changes (mgChl m^{-3}).

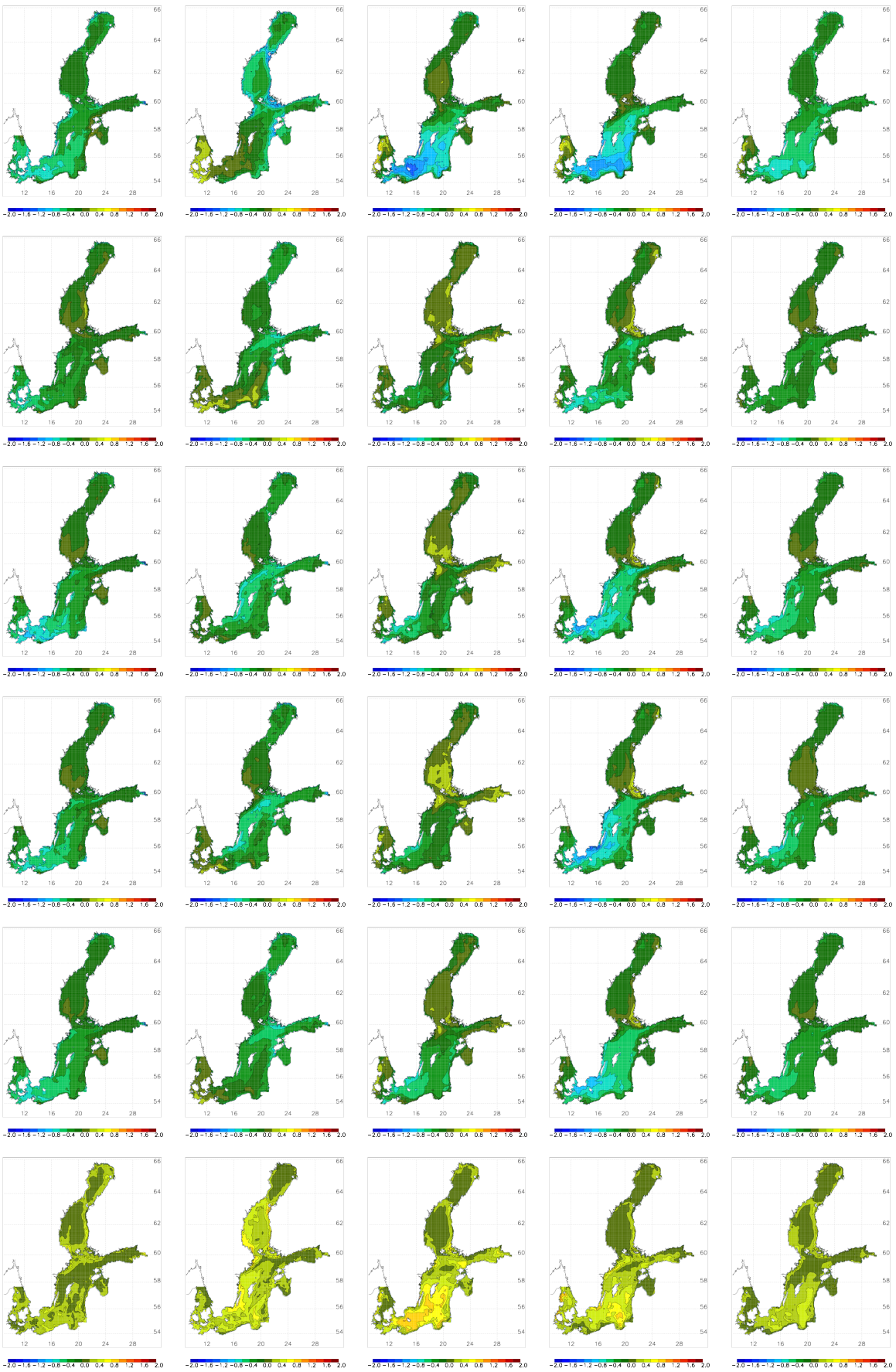


Figure 61. As Fig. 54 but for Secchi depth changes (m).