Supplemental Figures, Edlund et al. 2017. "Effects of climate change on lake thermal structure and biotic response in northern wilderness lakes" *Water*.

**Supplemental Figures**

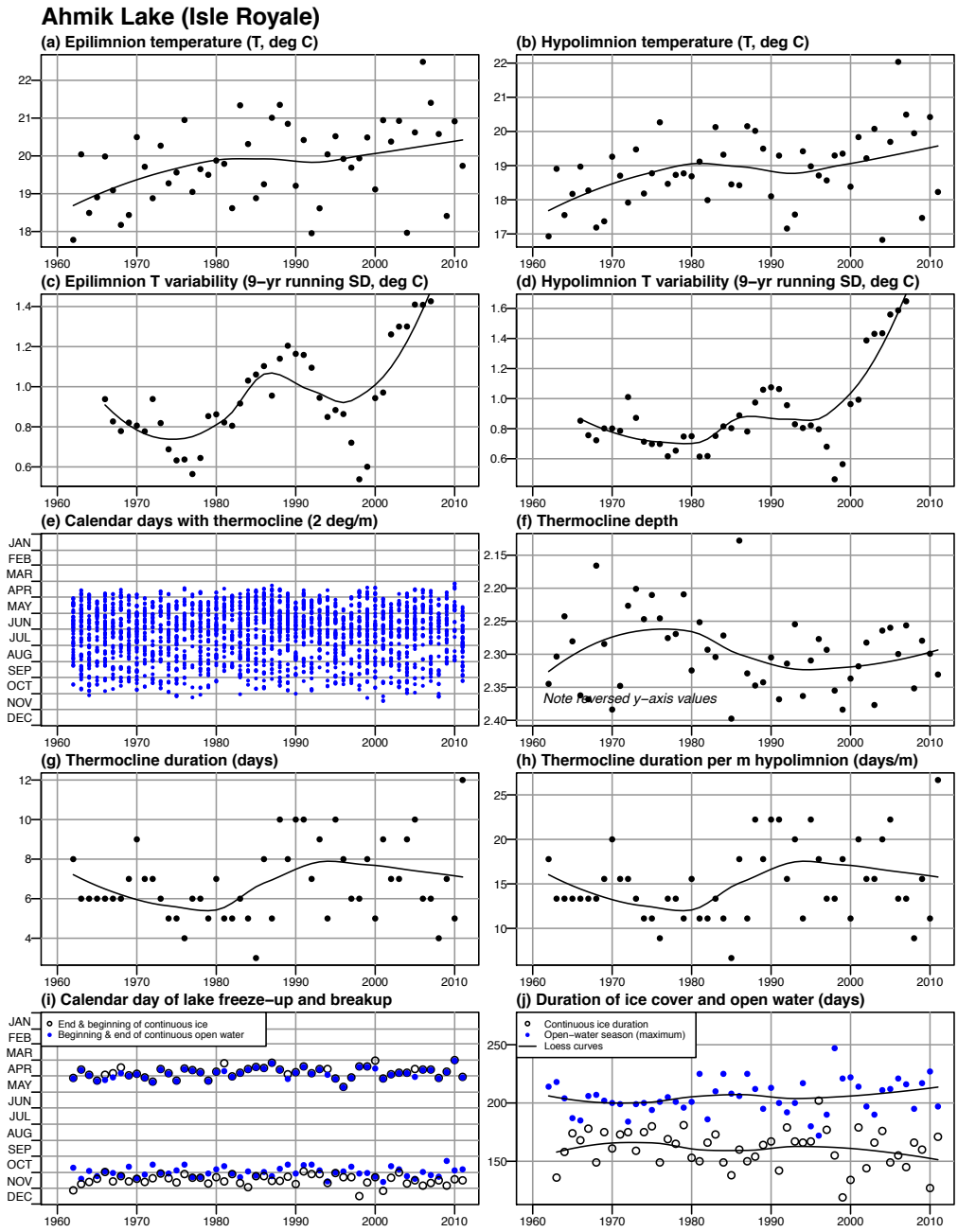


**Figure S1.** Ahmik Lake (Isle Royale): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

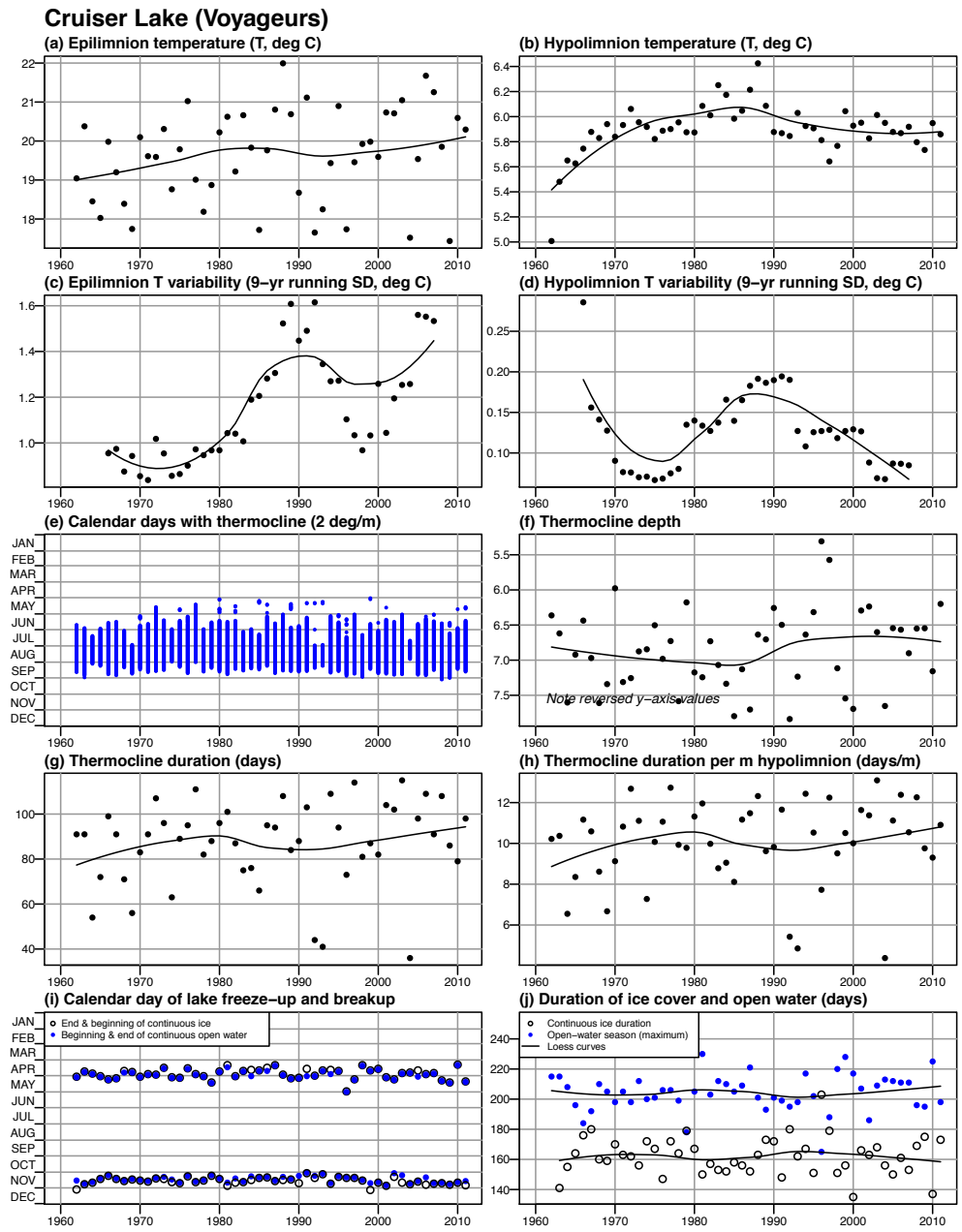


**Figure S2.** Cruiser Lake (Voyageurs): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

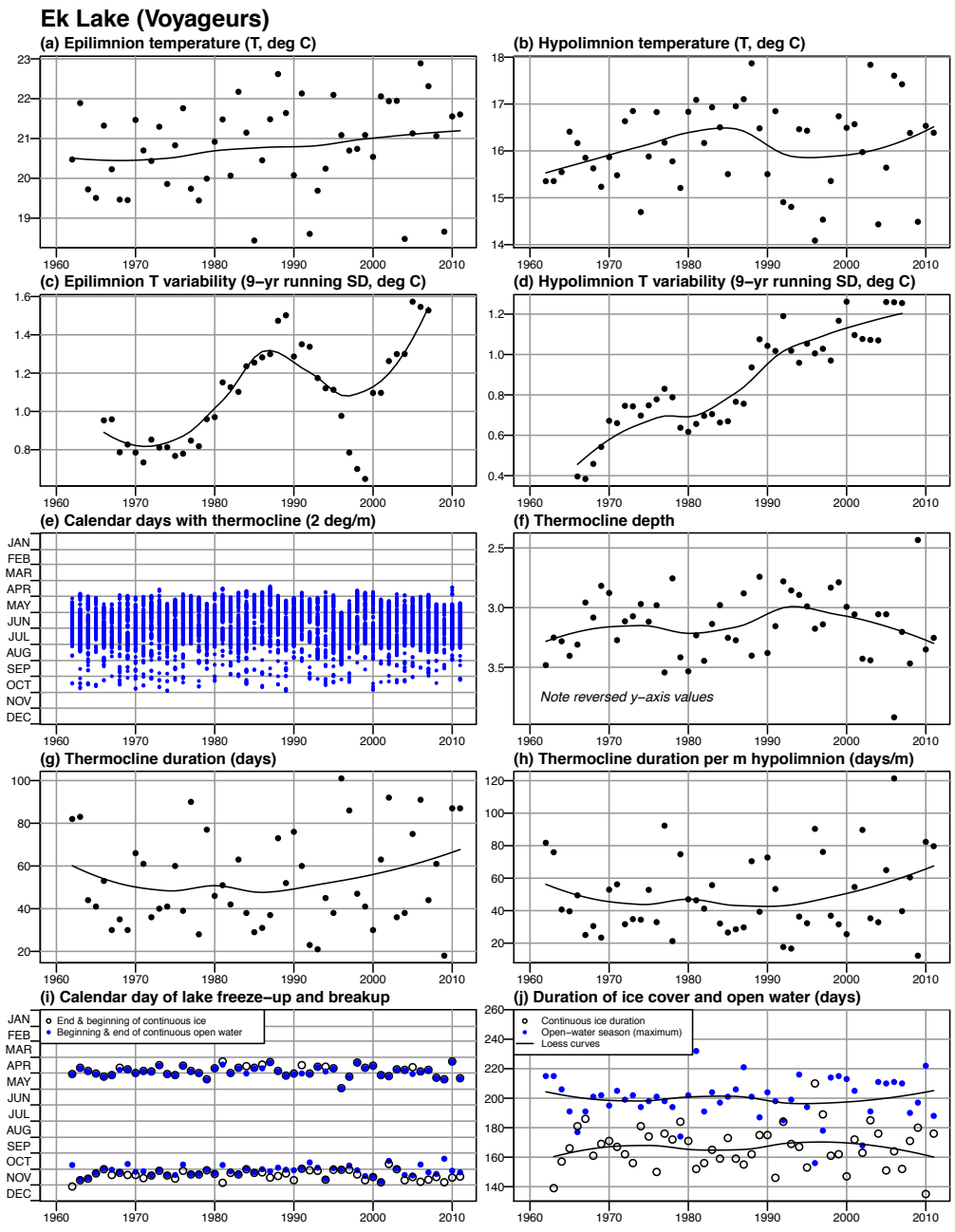


**Figure S3.** Ek Lake (Voyageurs): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

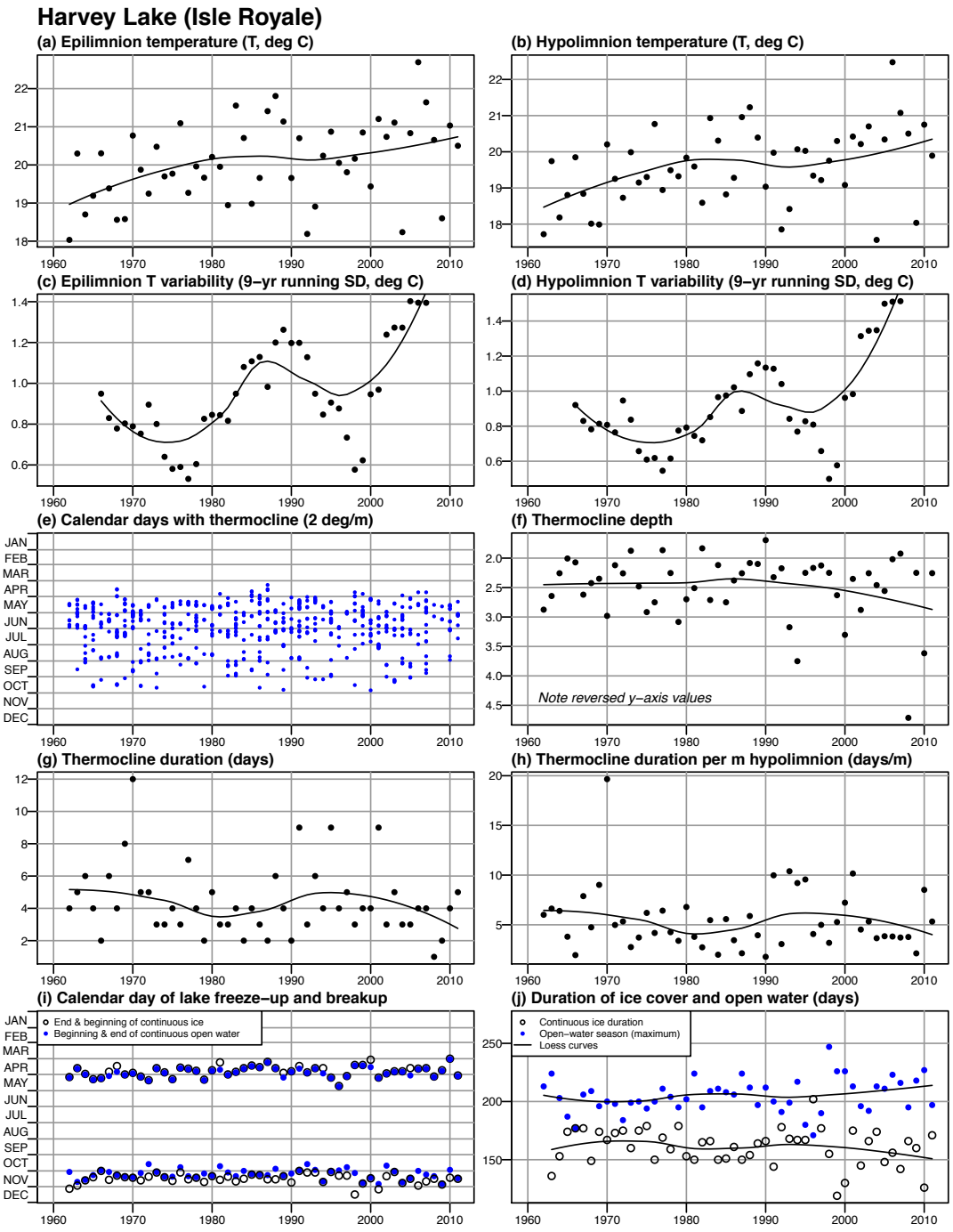


**Figure S4.** Harvey Lake (Isle Royale): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

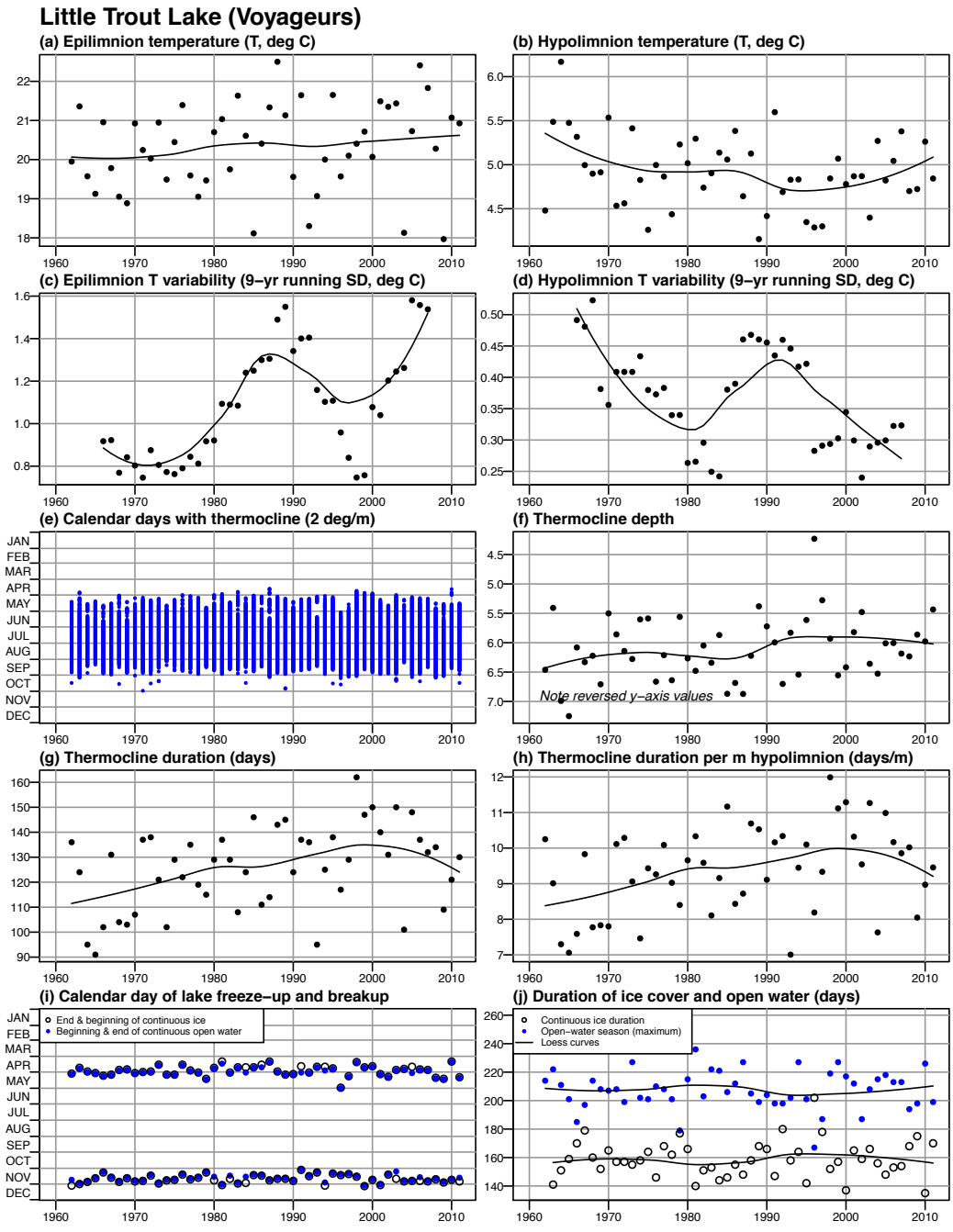


**Figure S5.** Little Trout Lake (Voyageurs): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

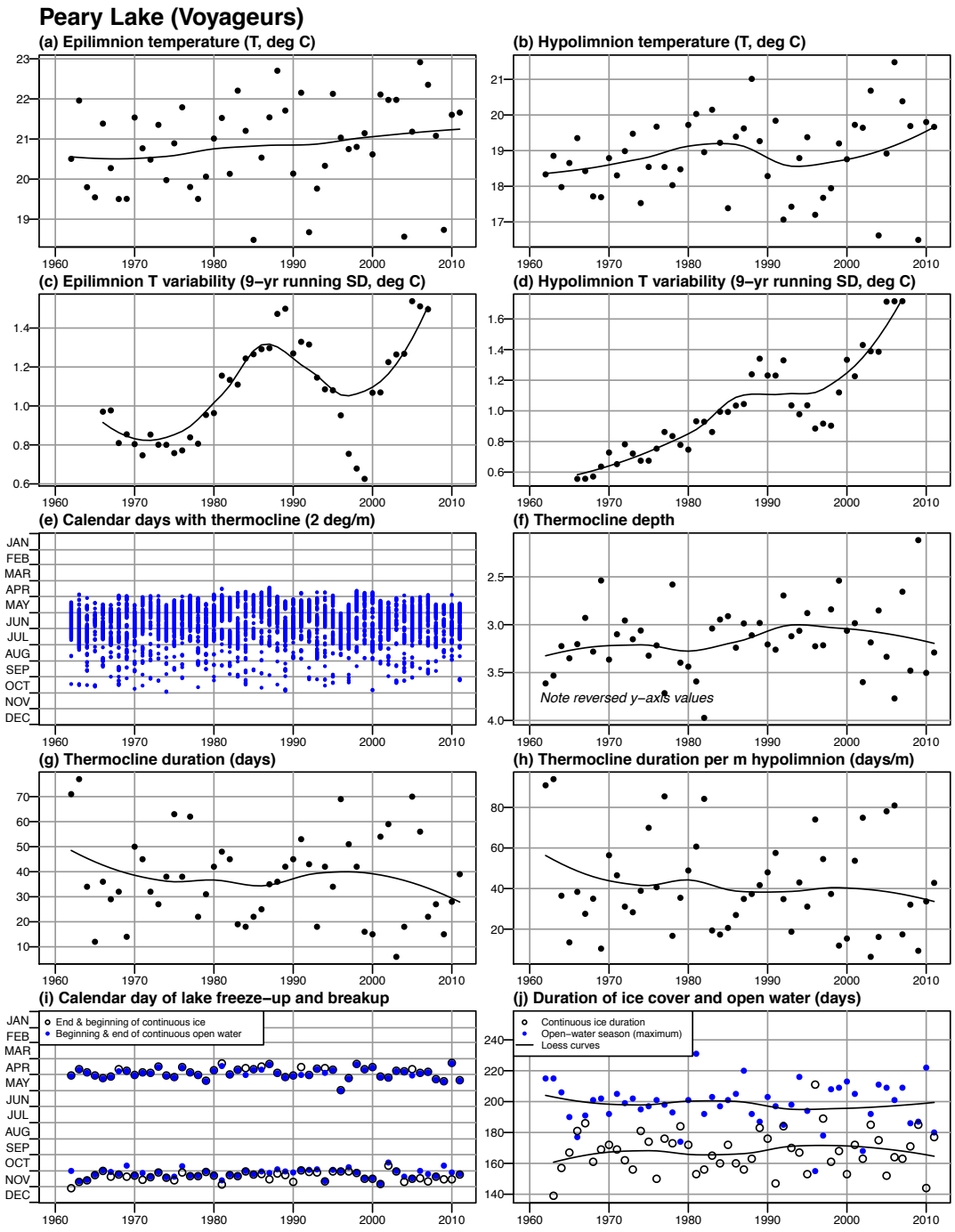


**Figure S6.** Peary Lake (Voyageurs): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

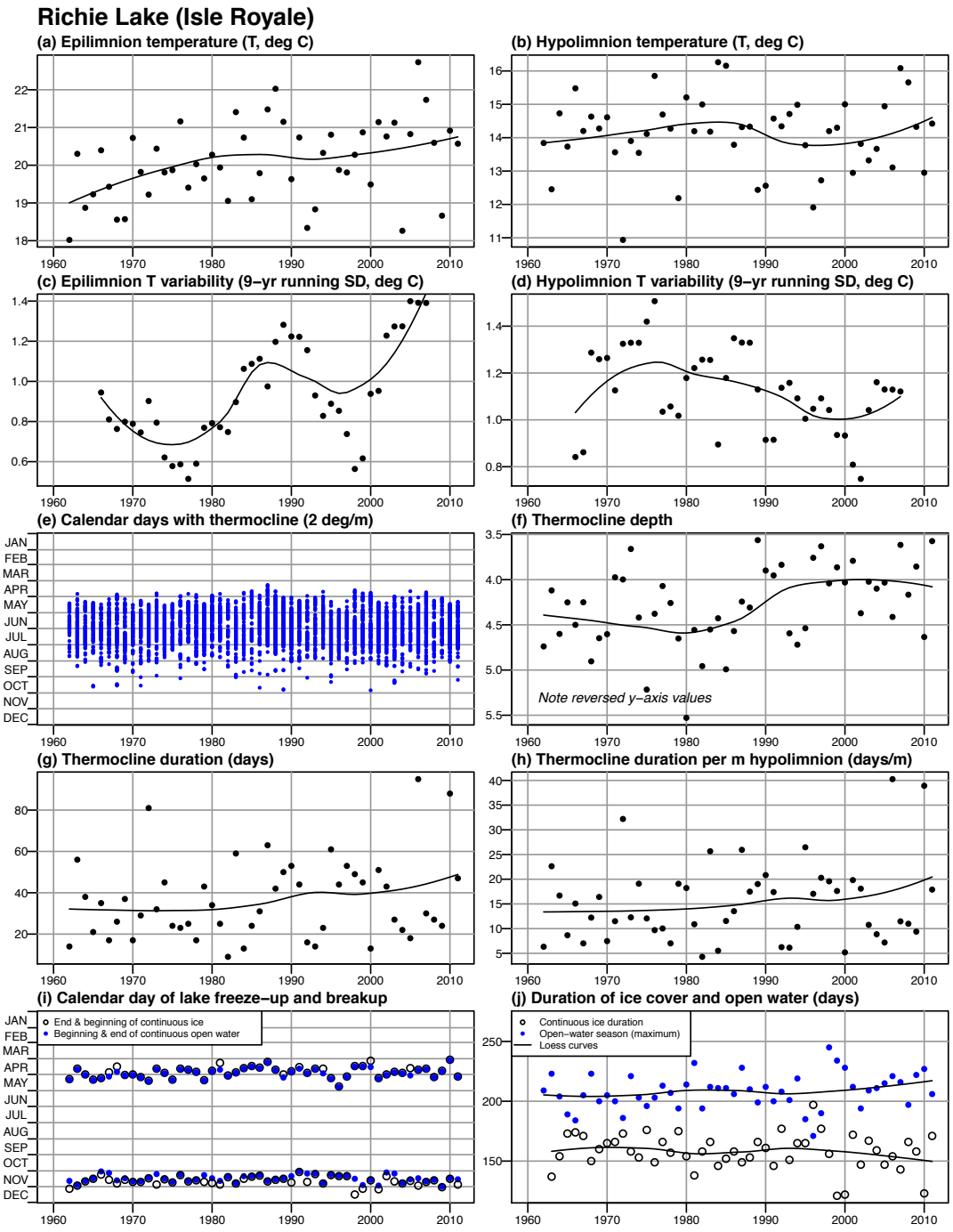


**Figure S7.** Richie Lake (Isle Royale): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

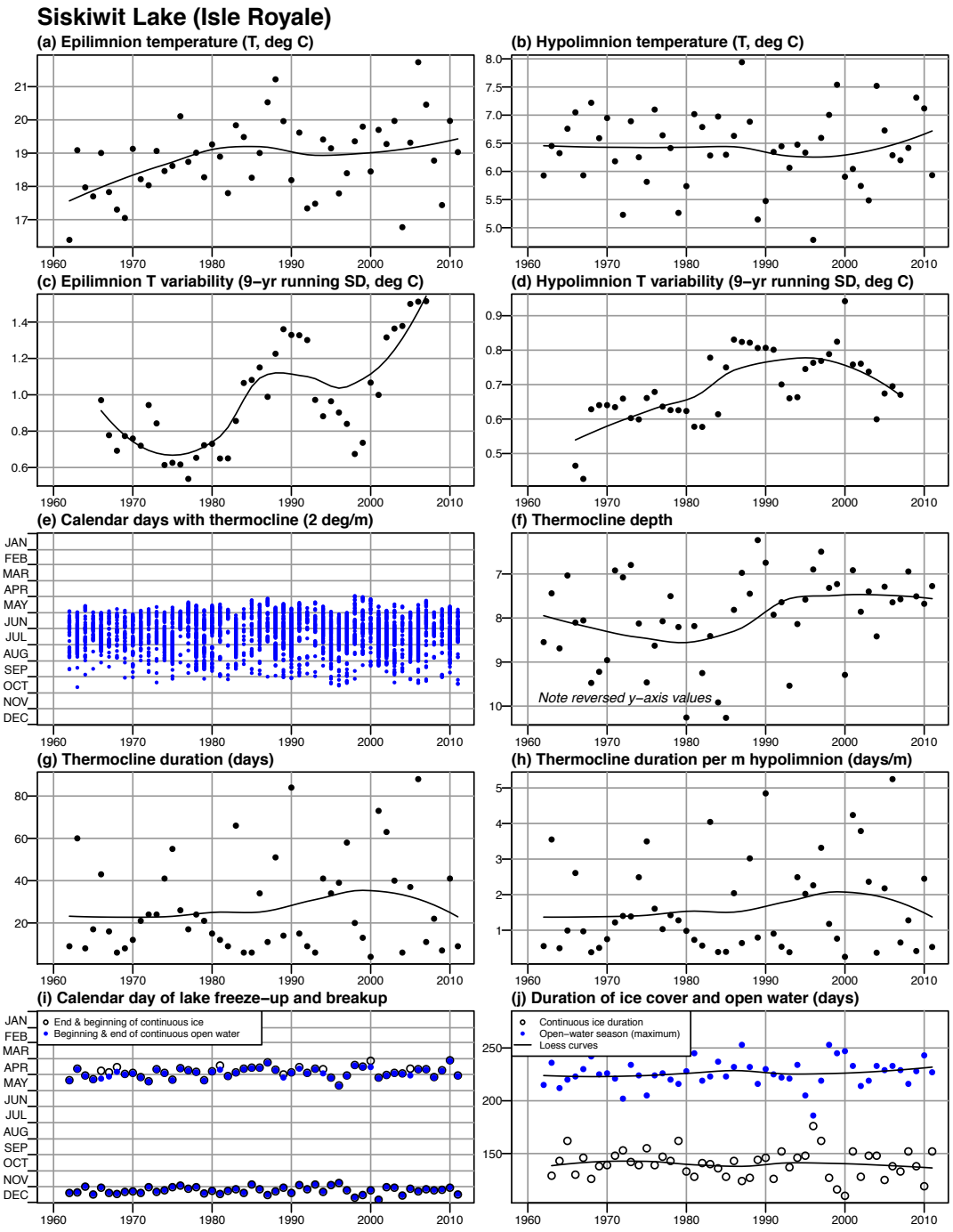


**Figure S8.** Siskiwit Lake (Isle Royale): Modeled (a) epilimnion temperature, (b) hypolimnion temperature, (c) epilimnion temperature variability, (d) hypolimnion temperature variability, (e) calendar days with a 2 °C/m thermocline, (f) depth of thermocline, (g) duration of thermocline in days, and (h) thermocline duration per m of thermocline (days/m), 1962–2011.

## Appendix

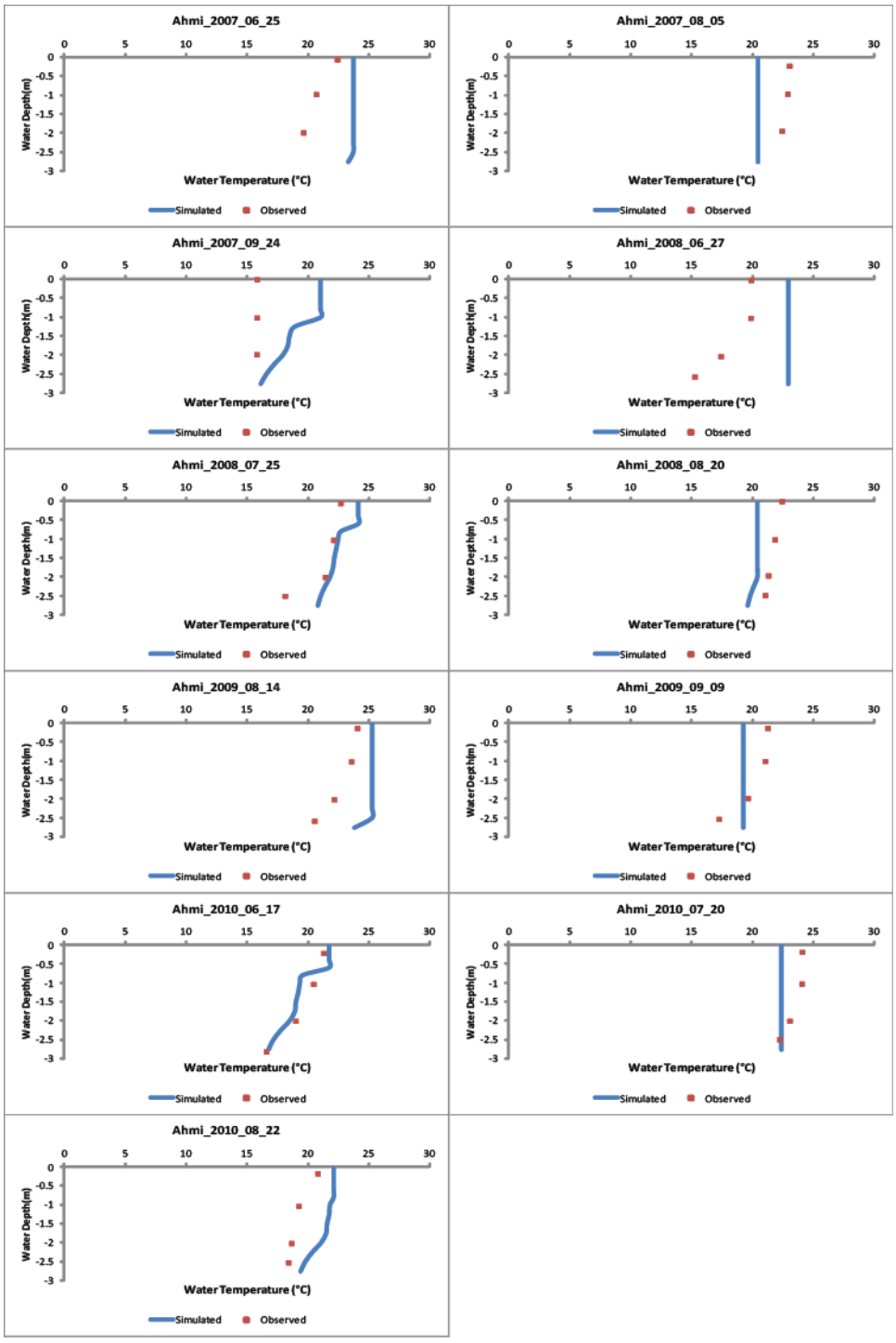


**Figure S9.** Ahmik Lake: Observed and modeled temperature profiles, 2007–2010.

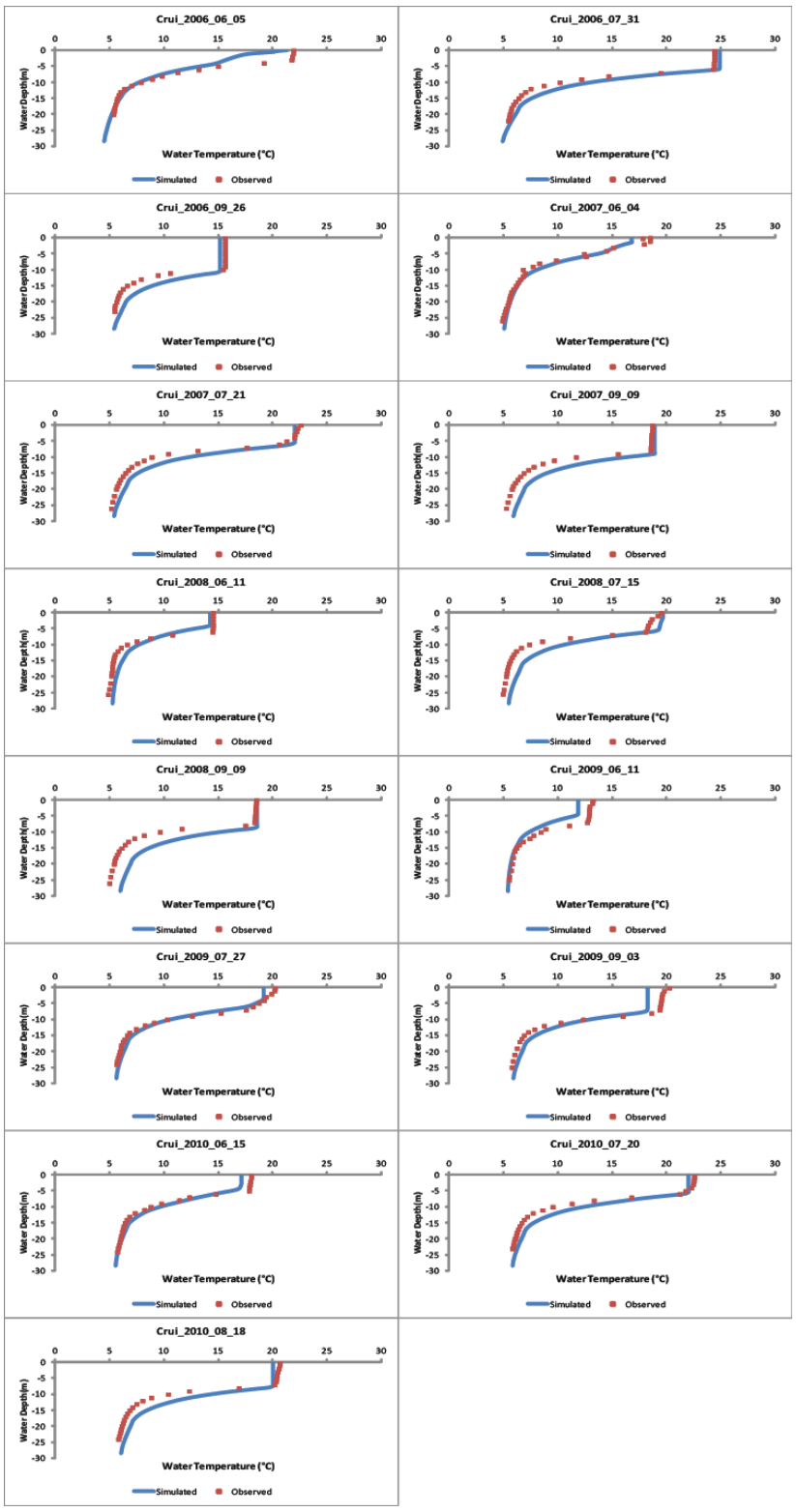


**Figure S10.** Cruiser Lake: Observed and modeled temperature profiles, 2006–2010.

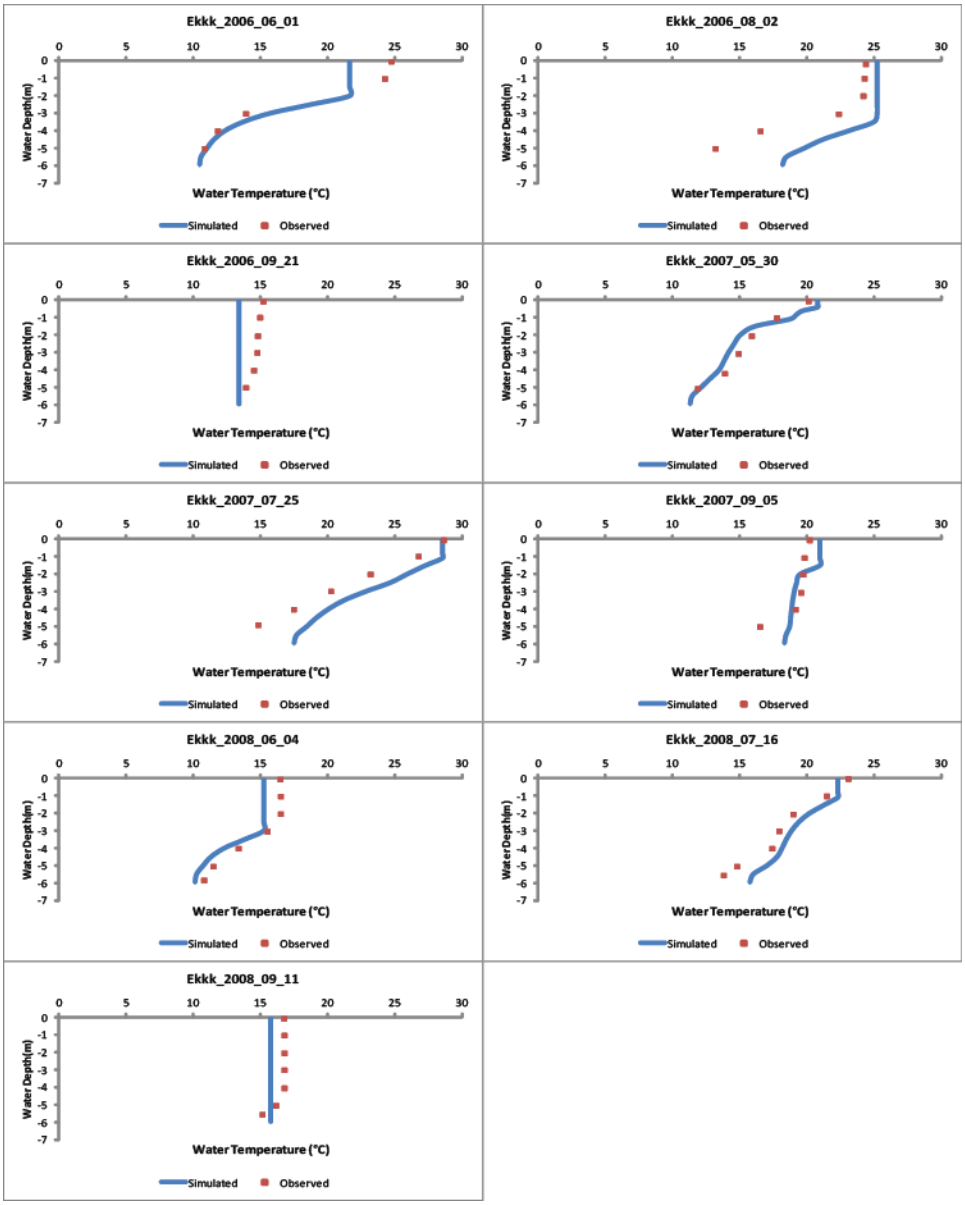


**Figure S11.** Ek Lake: Observed and modeled temperature profiles, 2006–2008.

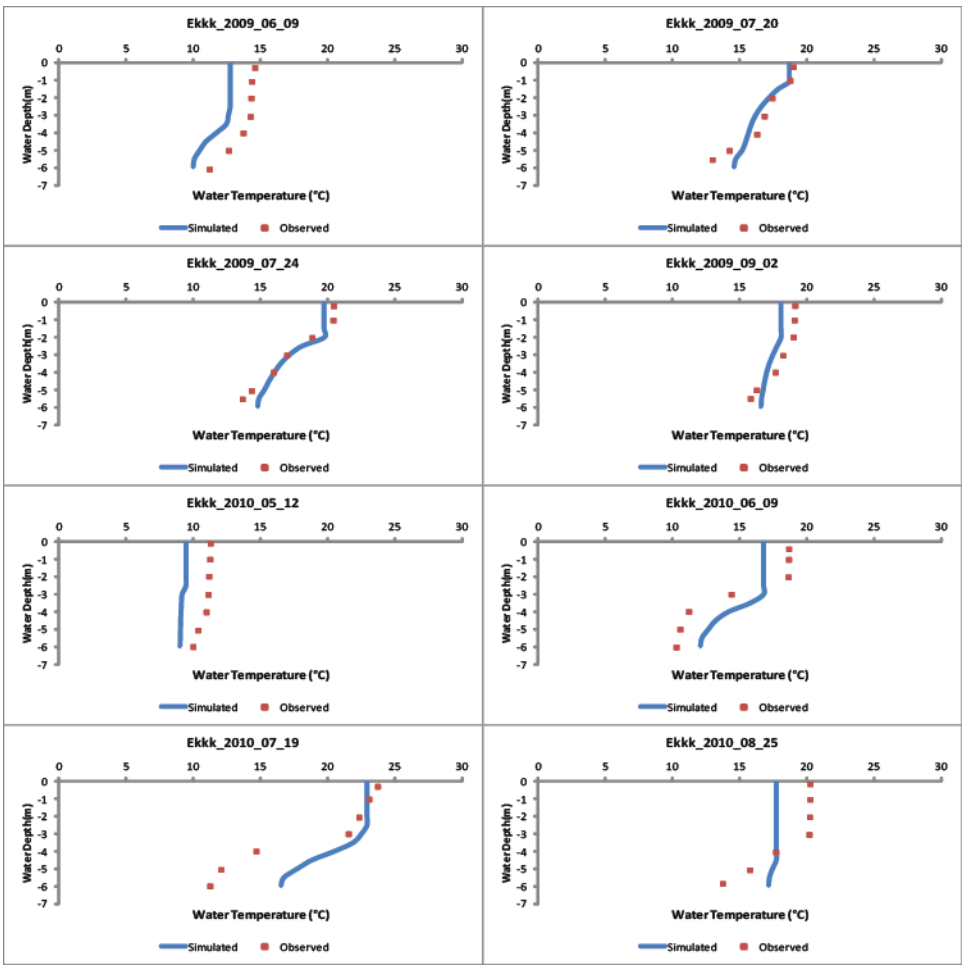


**Figure S12**. Ek Lake: Observed and modeled temperature profiles, 2009–2010.

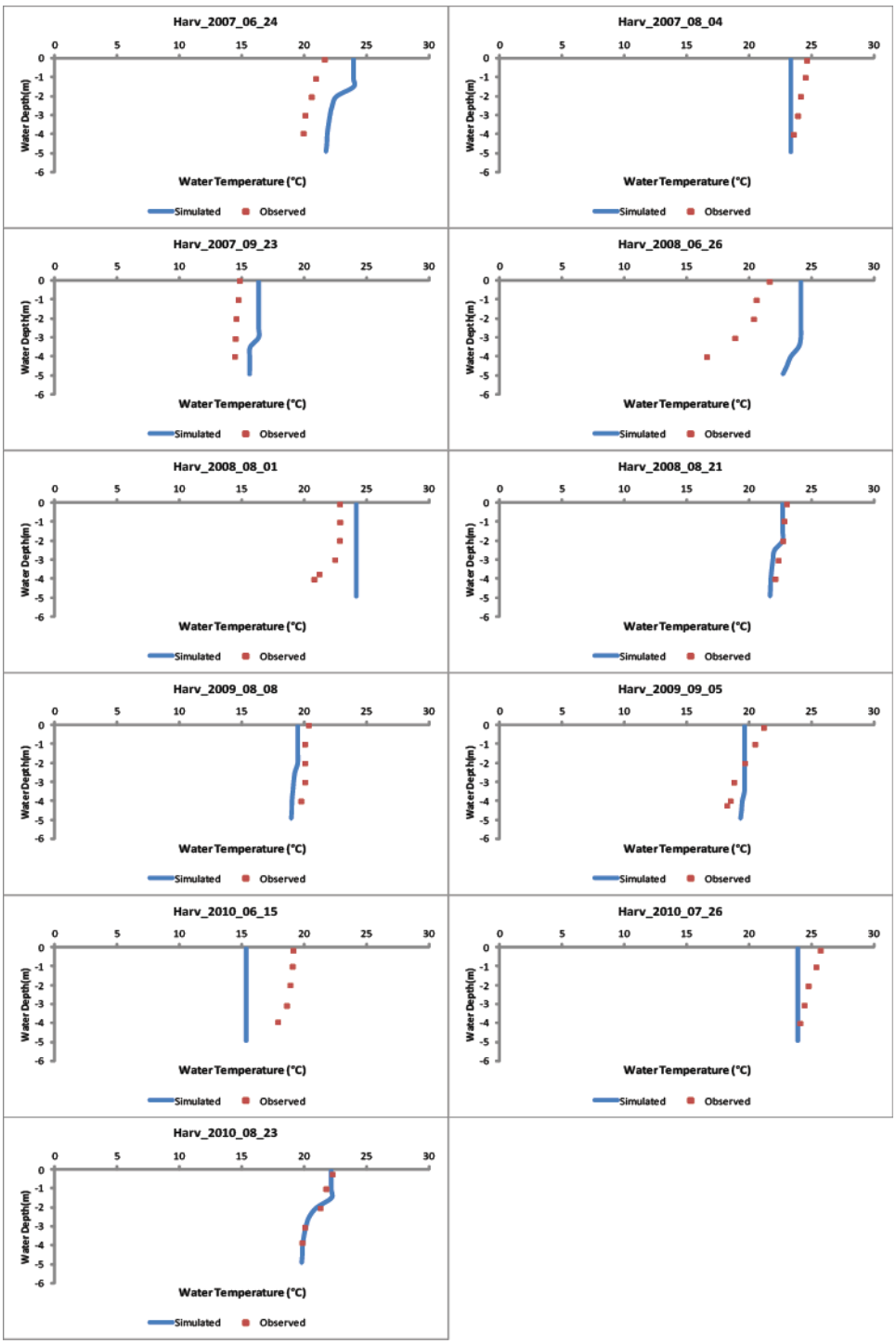


**Figure S13**. Harvey Lake: Observed and modeled temperature profiles, 2007–2010.

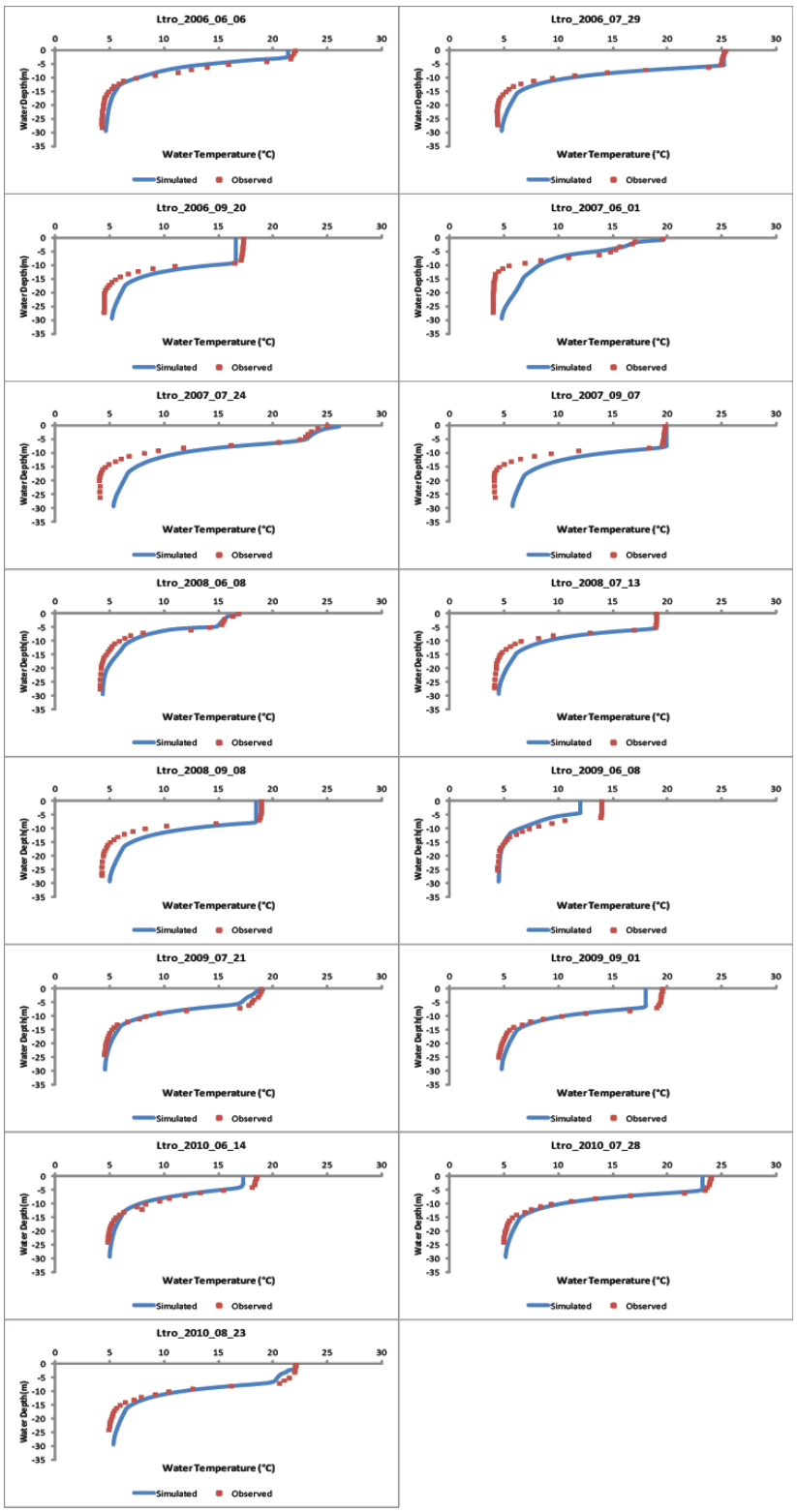


**Figure S14**. Little Trout Lake: Observed and modeled temperature profiles, 2006–2010.

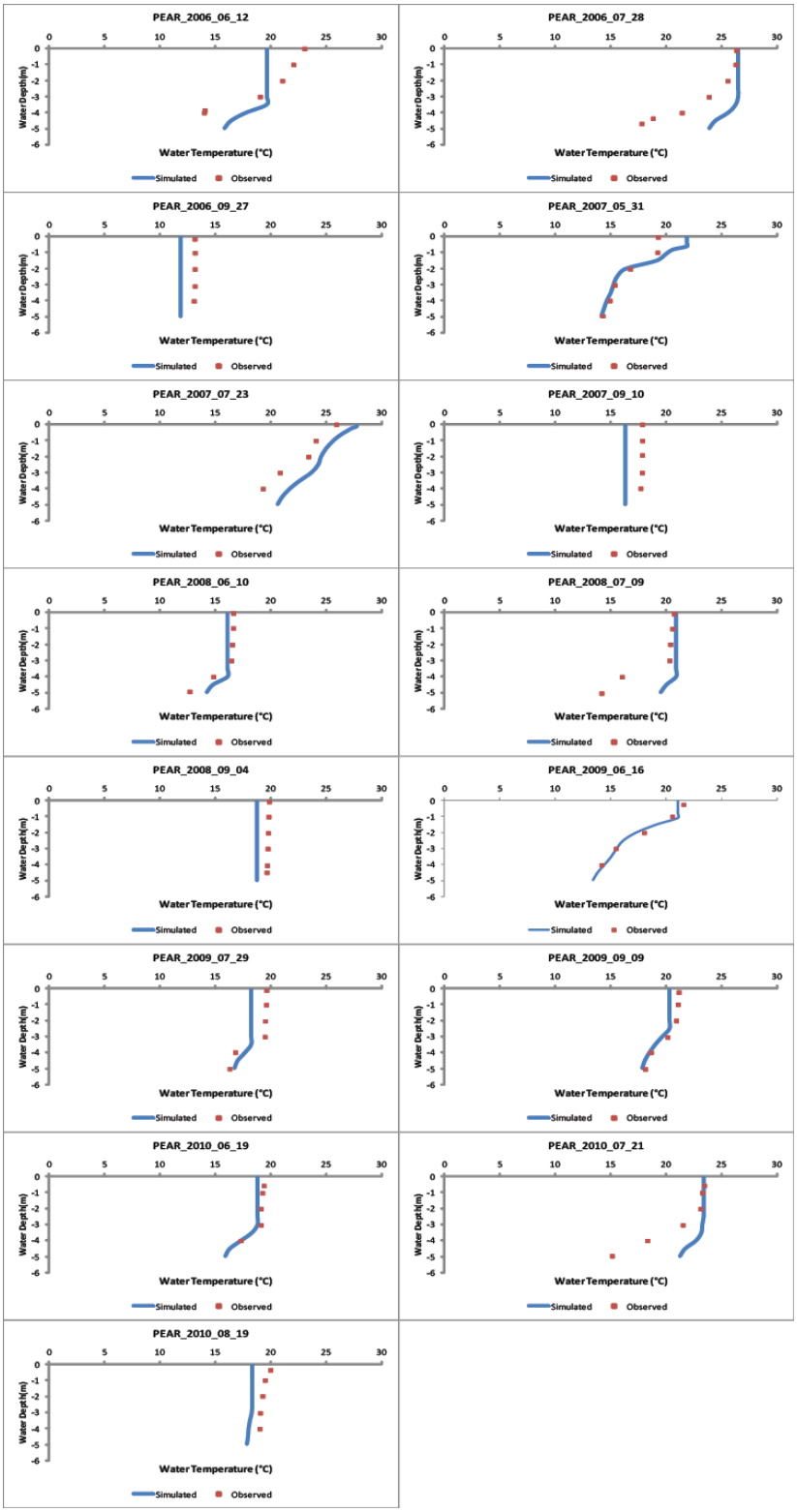


**Figure S15**. Peary Lake: Observed and modeled temperature profiles, 2006–2010.

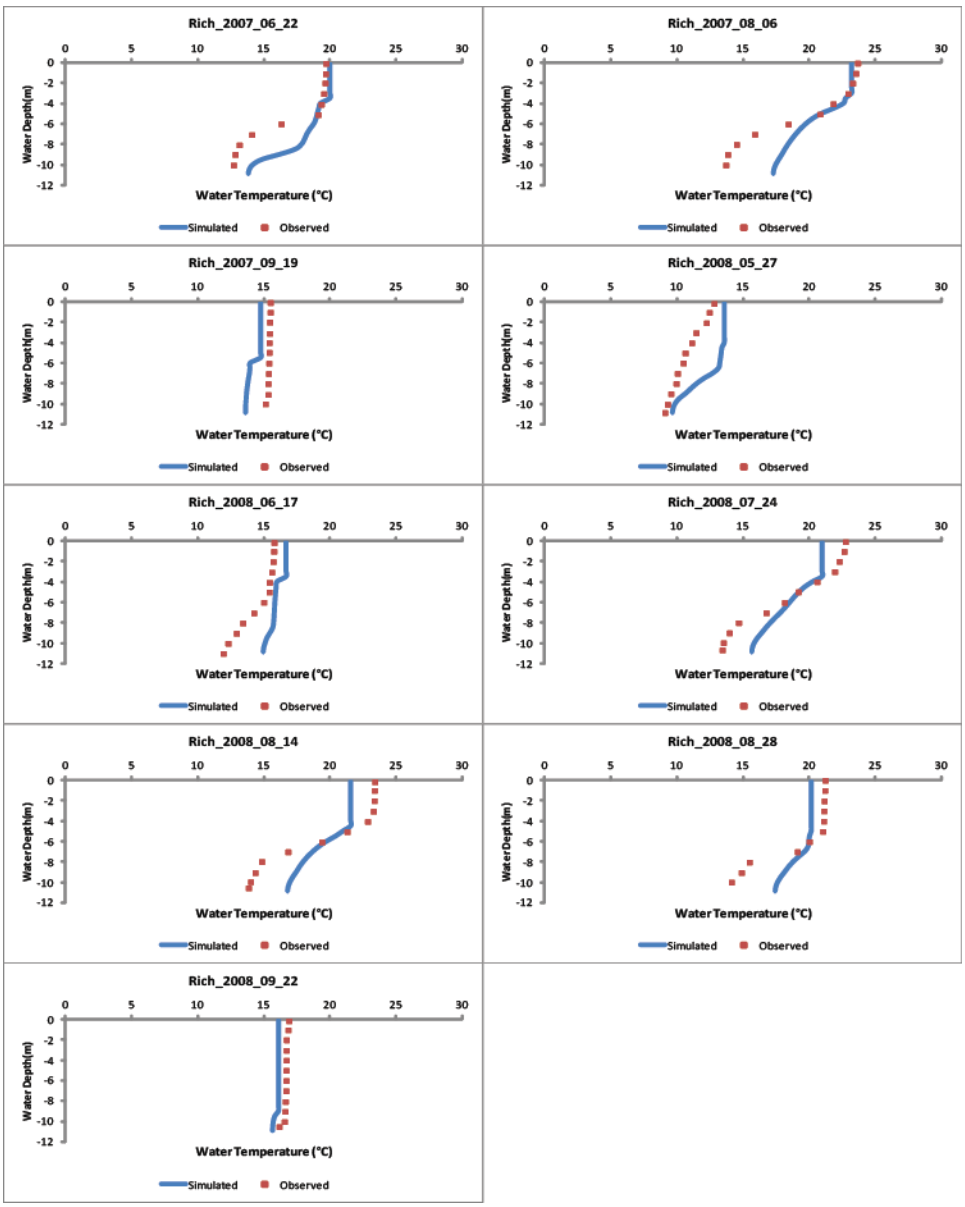


**Figure S16**. Richie Lake: Observed and modeled temperature profiles, 2007–2008.

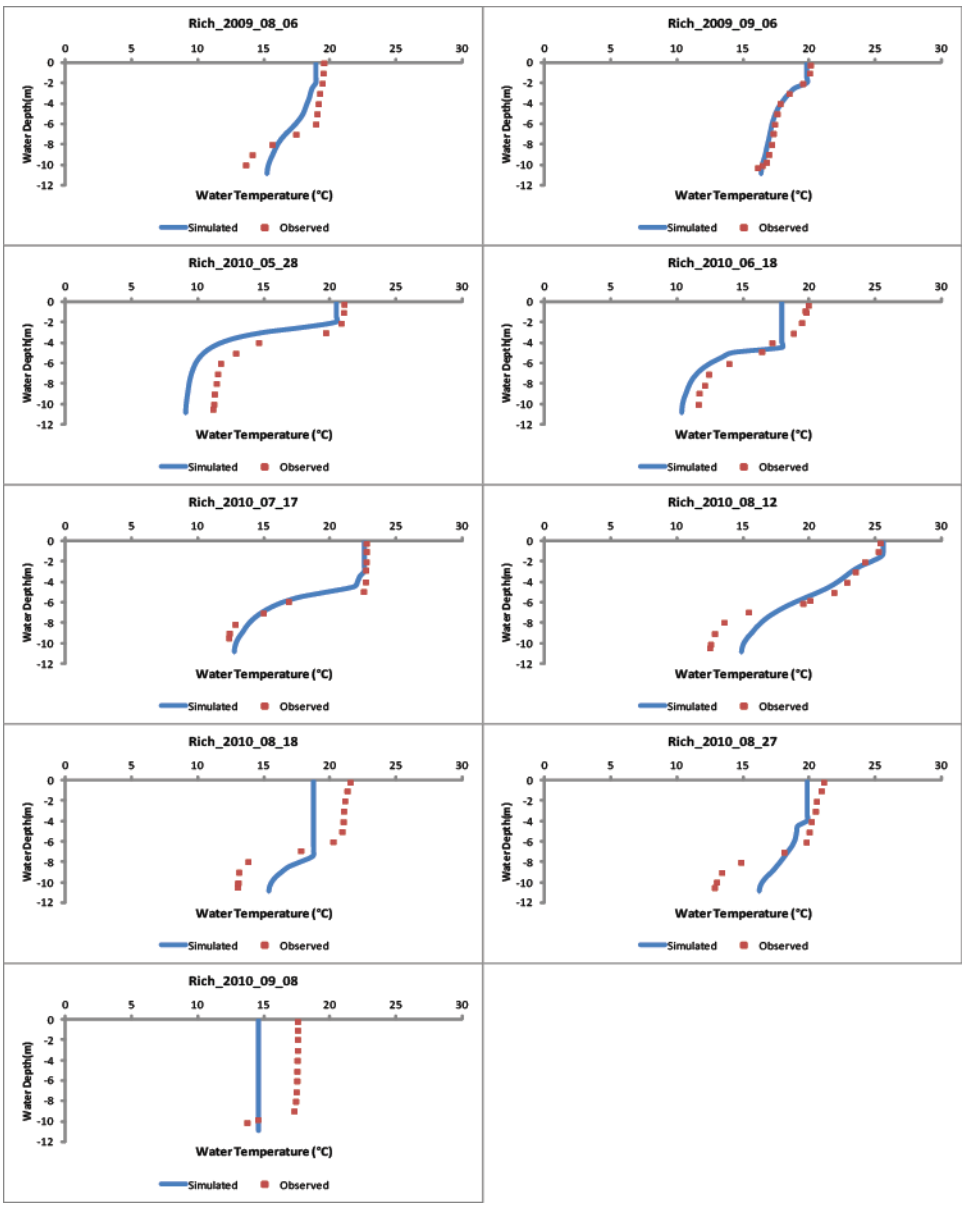


**Figure S17**. Richie Lake: Observed and modeled temperature profiles, 2009–2010.

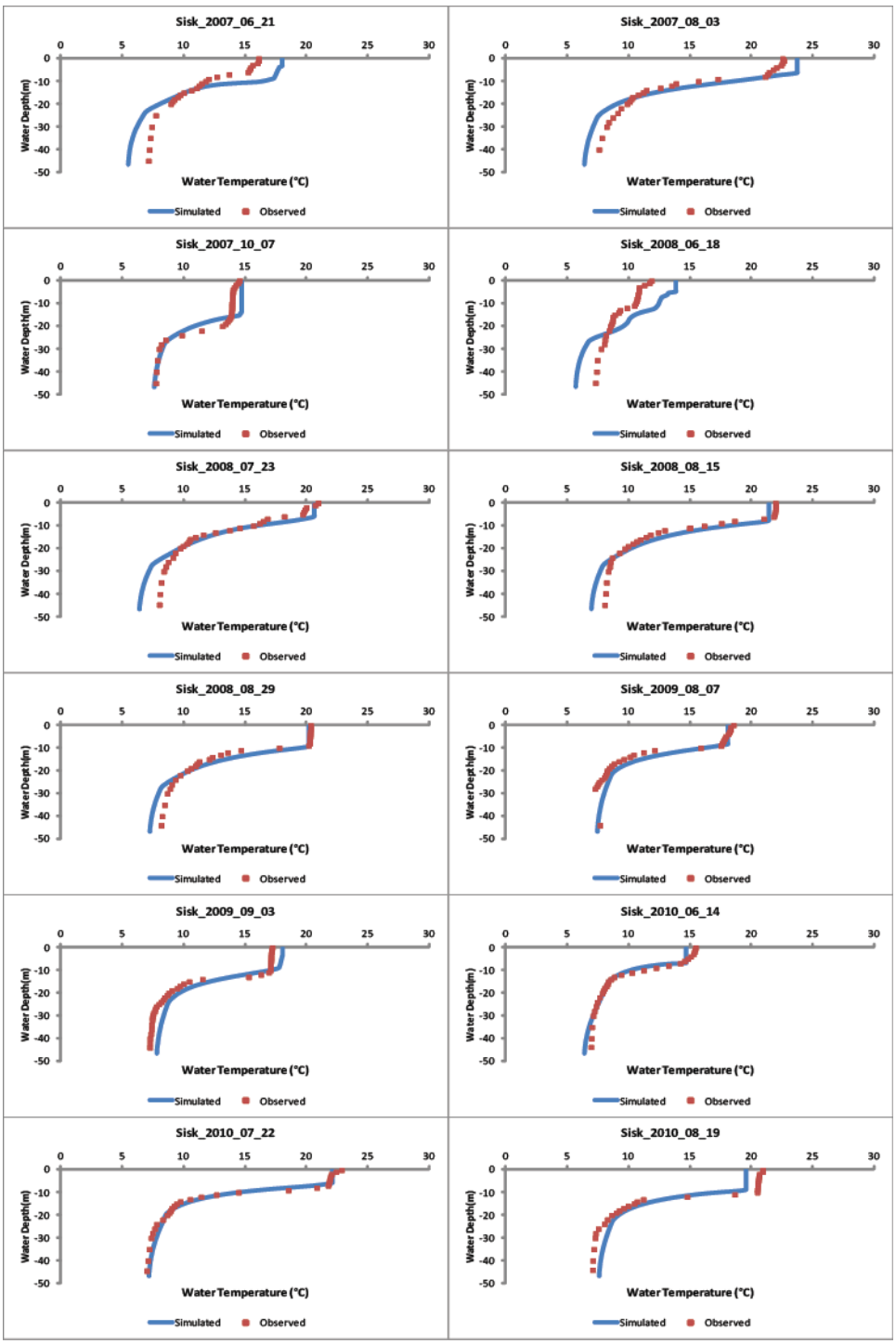


**Figure S18**. Siskiwit Lake: Observed and modeled temperature profiles, 2007–2010.