Observed vs Simulated by season — Best iteration Winter **Spring** 15 15 RMSE = 0.36 °C RMSE = 0.84 °C Mean $\Delta T = -0.05$ °C Mean $\Delta T = 0.29$ °C Simulated (°C) Simulated (°C) 10 0 0 0 10 15 0 10 15 Observed (°C) Observed (°C) **Summer Autumn** 15 RMSE = 3.20 °C RMSE = 2.59 °C Mean $\Delta T = 0.12 \, ^{\circ}C$ Mean $\Delta T = -0.94$ °C Simulated (°C) Simulated (°C) 10 5 0 0 0 5 10 15 5 10 15 Observed (°C) Observed (°C)