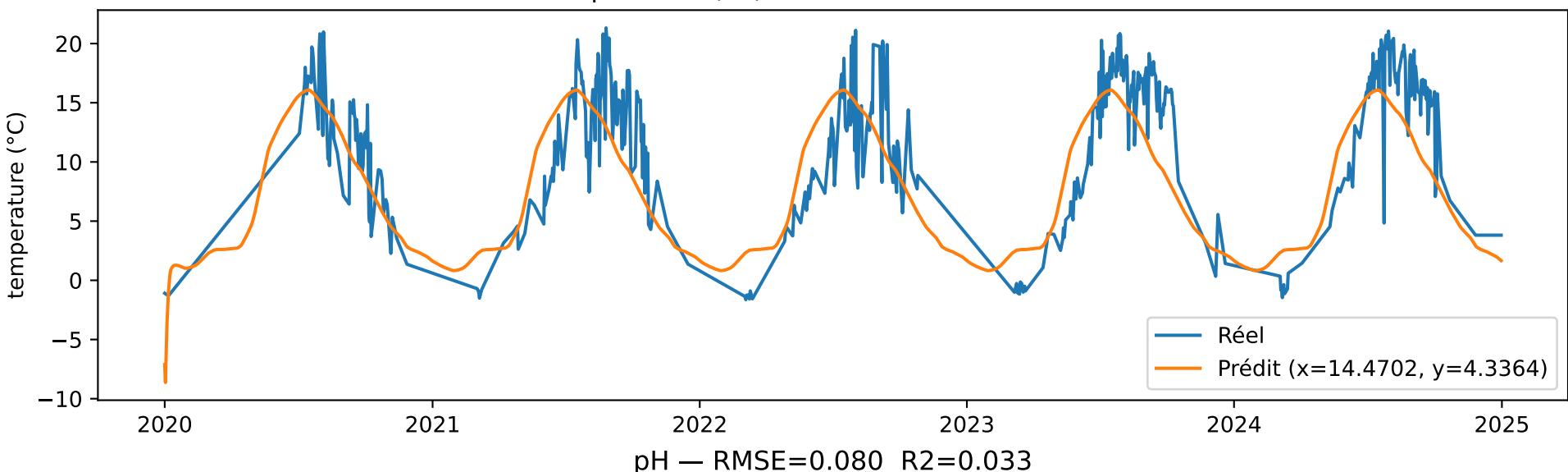
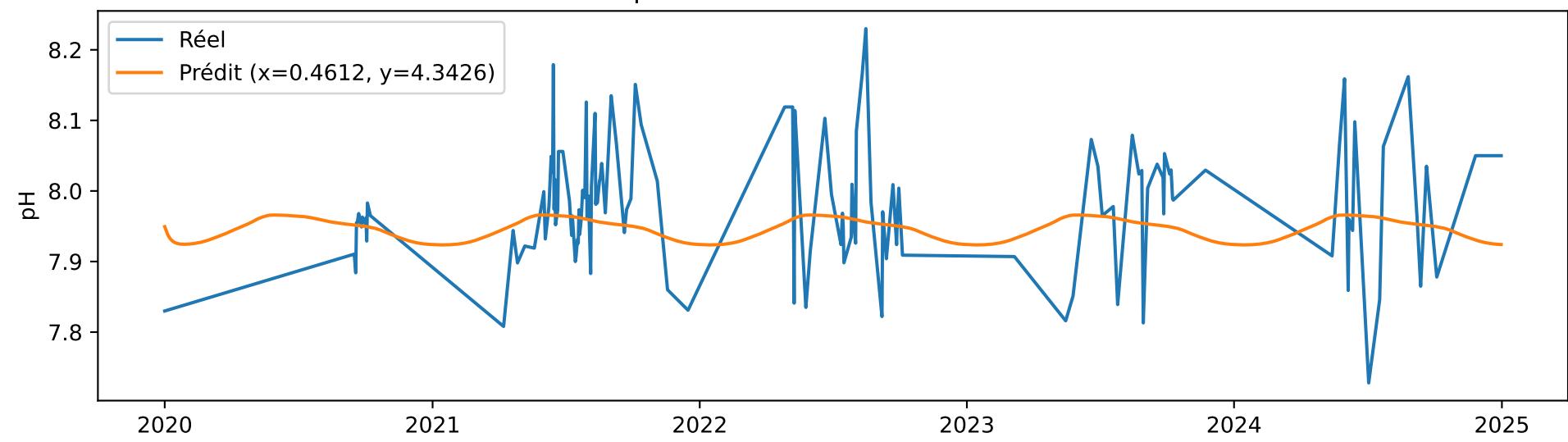


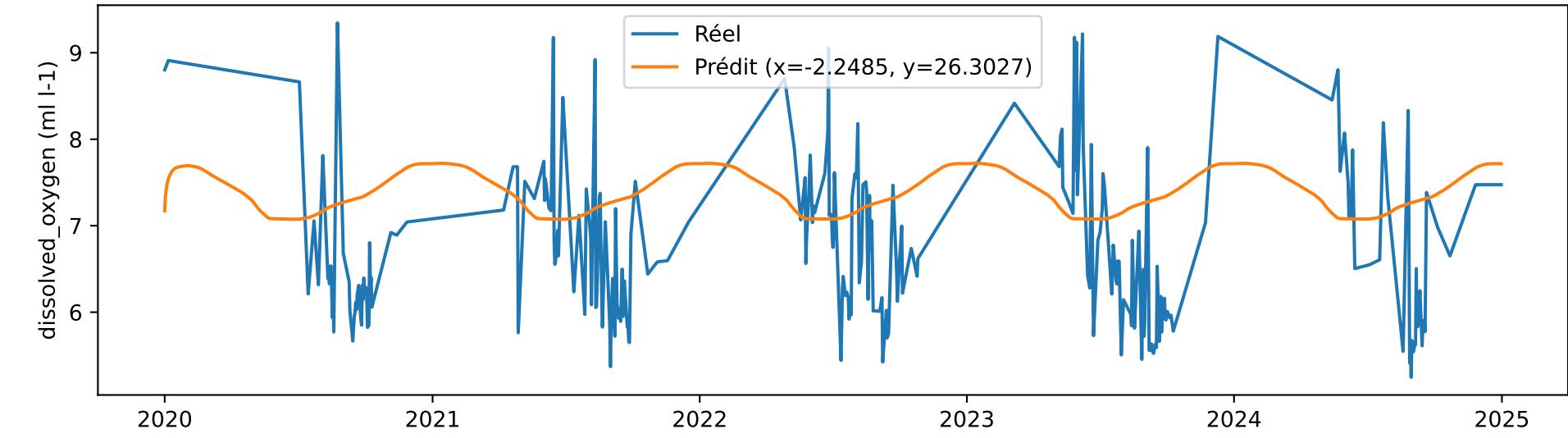
temperature (°C) — RMSE=3.089 R2=0.745



pH — RMSE=0.080 R2=0.033



dissolved_oxygen (ml l⁻¹) — RMSE=0.921 R2=0.059



Résultats GRU multivarié (après OLS)

Valeur d'entrée uniquement :

['temperature (°C)', 'pH', 'dissolved_oxygen (ml l-1)', 'temperature (°C)', 'chlorophyll (mg m-3)']
['salinity (PSS-78)', 'dissolved_oxygen (ml l-1)', 'tide_range (m)', 'Mean Temp (°C)', 'Spd of Max Gust (km/h)', 'doy_sin']

Valeur d'entrée et de sortie : ['temperature (°C)', 'pH', 'dissolved_oxygen (ml l-1)']

Période entraînement : 2000-02-16 -> 2019-12-31

Période test : 2020-01-01 -> 2024-12-31

Metrics par variable (après transformation optimale) :

- temperature (°C): RMSE=3.0890, R2=0.7452 (x=14.470179, y=4.336353, R2_opt=0.745163)

- pH: RMSE=0.0800, R2=0.0327 (x=0.461208, y=4.342580, R2_opt=0.032737)

- dissolved_oxygen (ml l-1): RMSE=0.9208, R2=0.0593 (x=-2.248545, y=26.302694, R2_opt=0.059332)