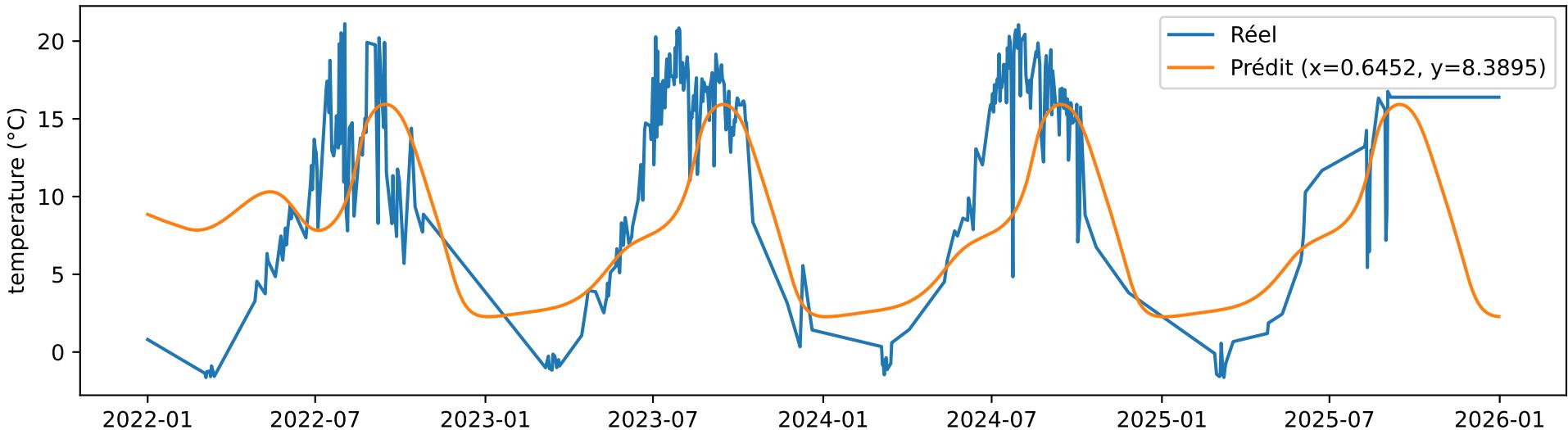
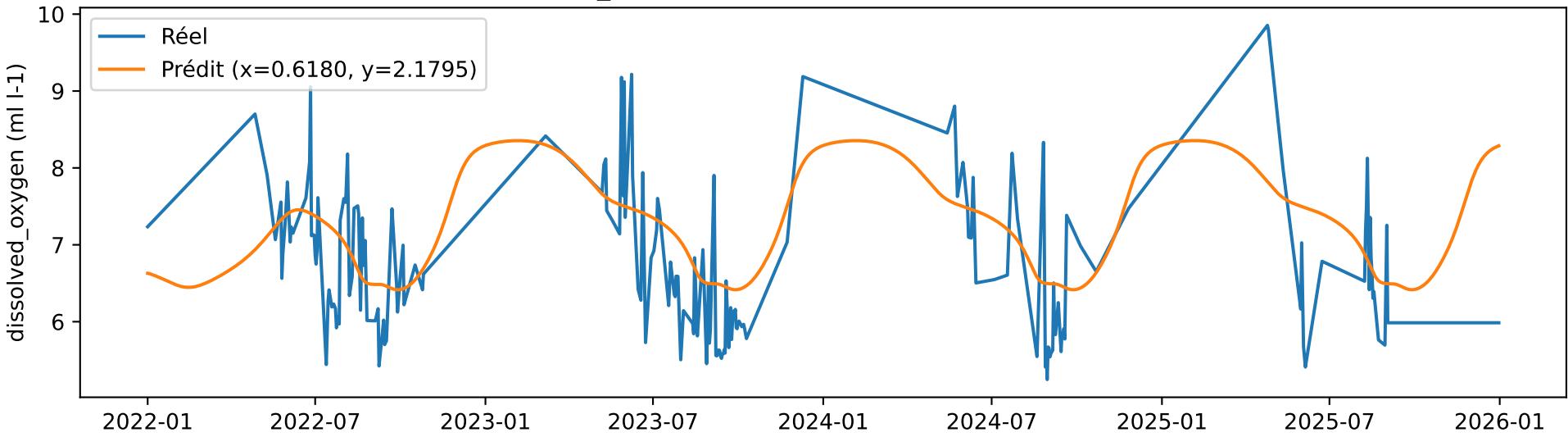


temperature (°C) — RMSE=4.888 R2=0.444



dissolved\_oxygen (ml l<sup>-1</sup>) — RMSE=0.837 R2=0.399



## Résultats LSTM multivarié (après OLS)

Période entraînement : 2015-01-18 -> 2021-12-31

Période test : 2022-01-01 -> 2025-12-31

Metrics par variable (après transformation optimale) :

- temperature (°C): RMSE=4.8879, R2=0.4438 ( $x=0.645198$ ,  $y=8.389462$ ,  $R2_{opt}=0.443753$ )
- dissolved\_oxygen (ml l<sup>-1</sup>): RMSE=0.8374, R2=0.3988 ( $x=0.617953$ ,  $y=2.179481$ ,  $R2_{opt}=0.398783$ )