

N-HITS Multivariable – Resumen

CSV: data/weatherHistory_normalize.csv

Target (z): Temperature (C)_normalized → real: Temperature (C) (train $\mu=11.931$, $\sigma=9$)

H=1440, L=120

POOL_SIZES=[1, 3, 6, 12, 24, 48, 168]

WIDTH=512, DEPTH/BLOCK=3, BLOCKS/SCALE=2

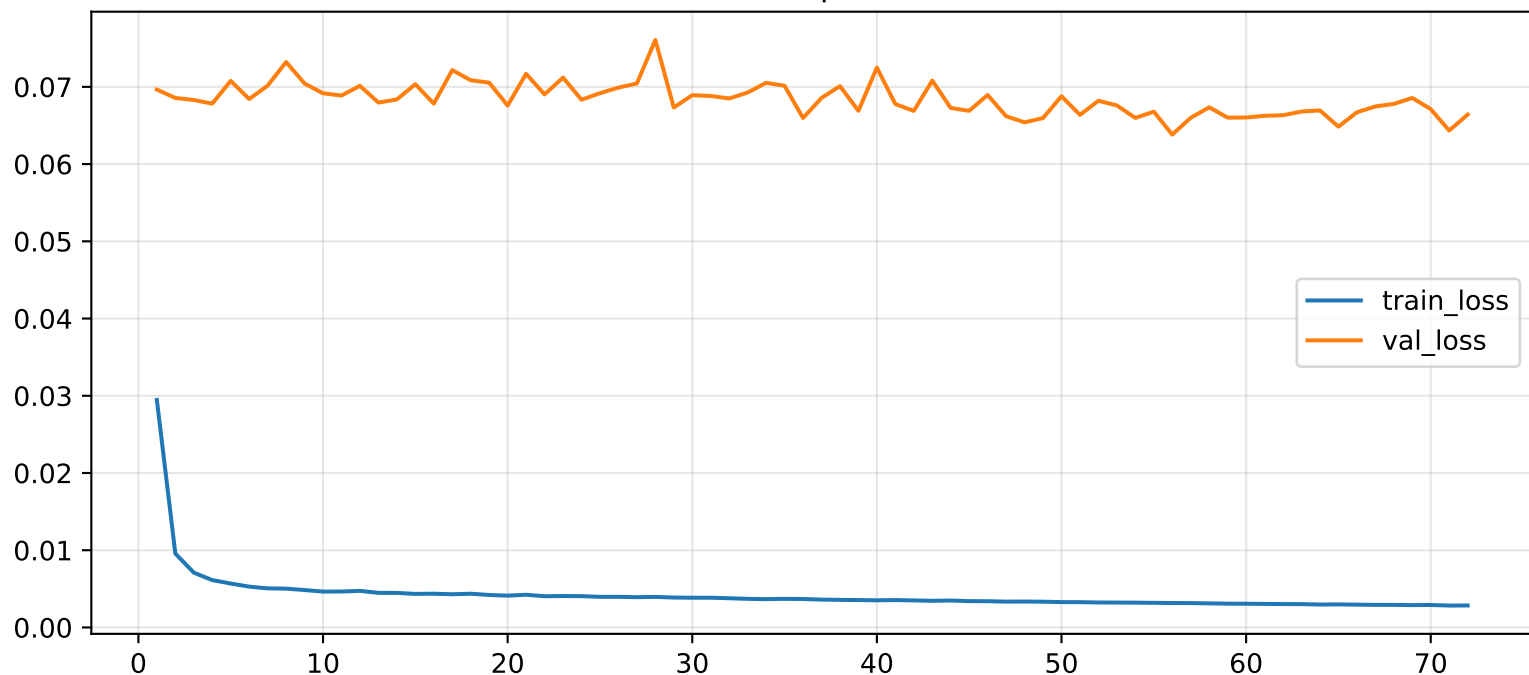
EPOCHS=150, BATCH=128, LR=0.0007

AMP=True, TF32=True, Patience=16

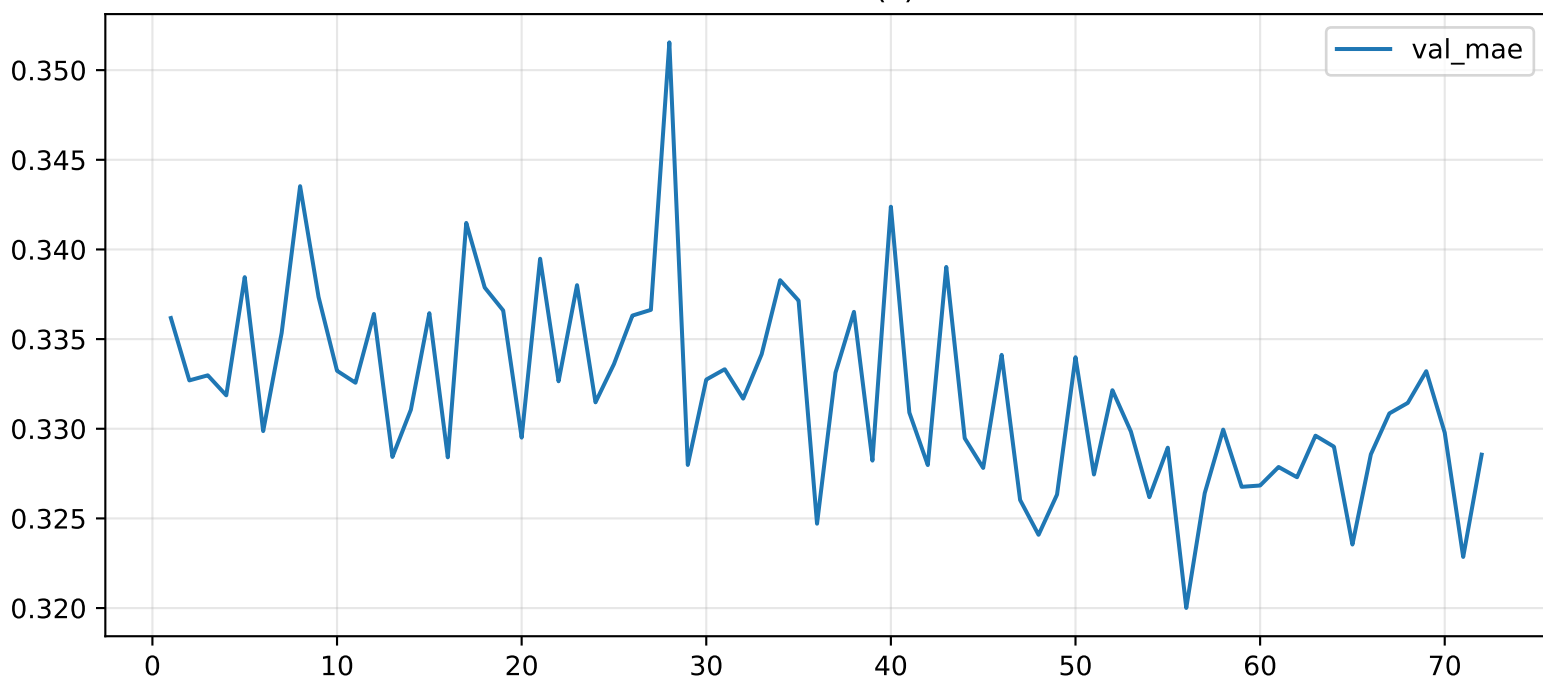
Features (D=21):

h_sin, h_cos, dow_sin, dow_cos, doy_sin, doy_cos, Precip Type_normalized, Humidity_no

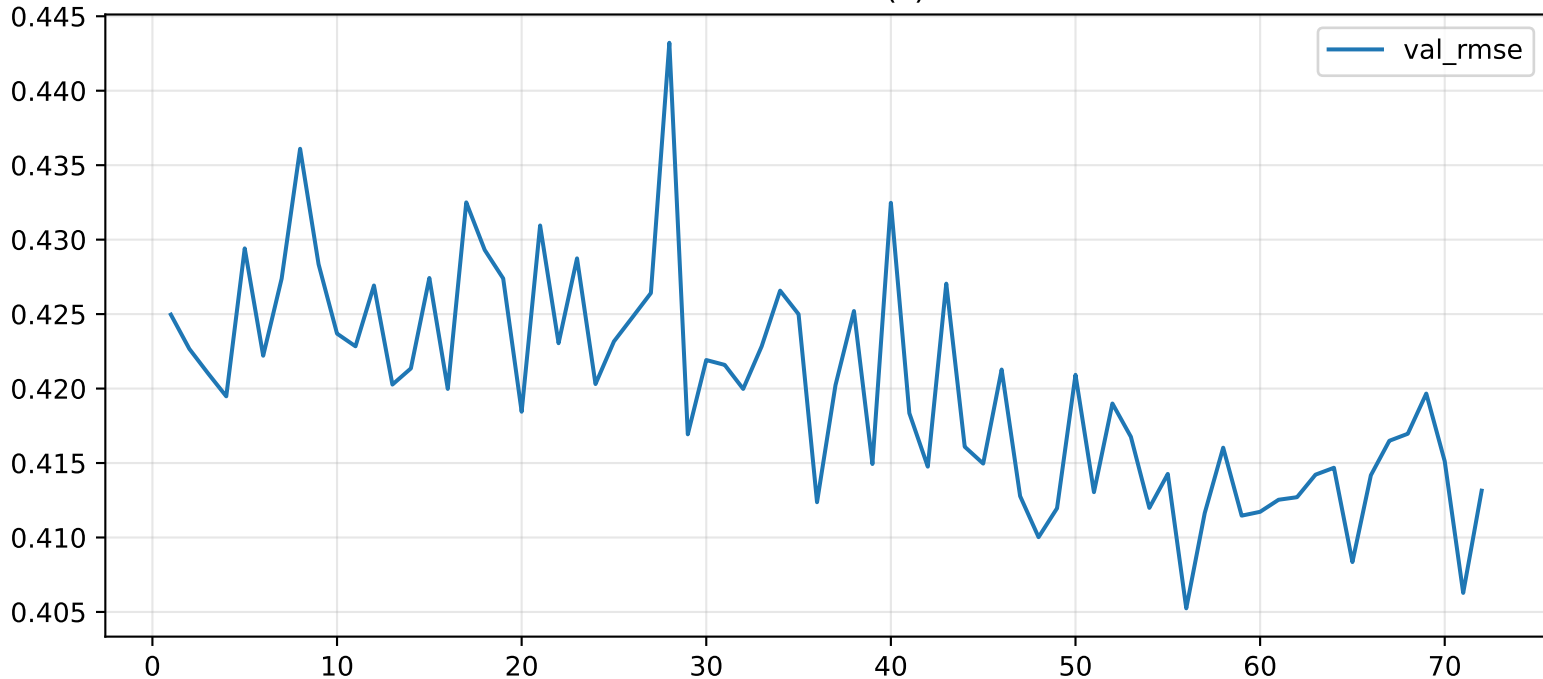
Loss (Huber ponderado)



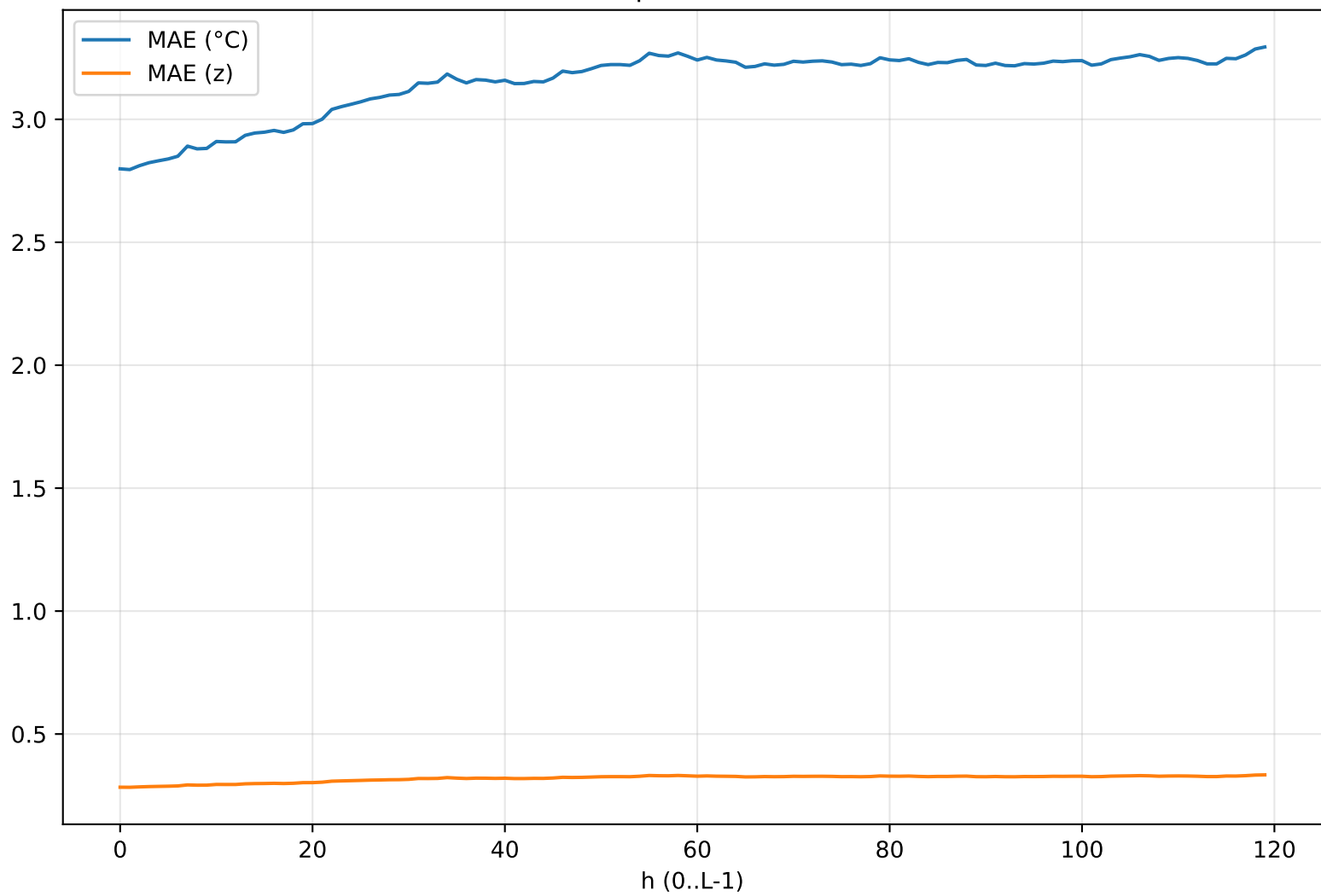
Val MAE (z)



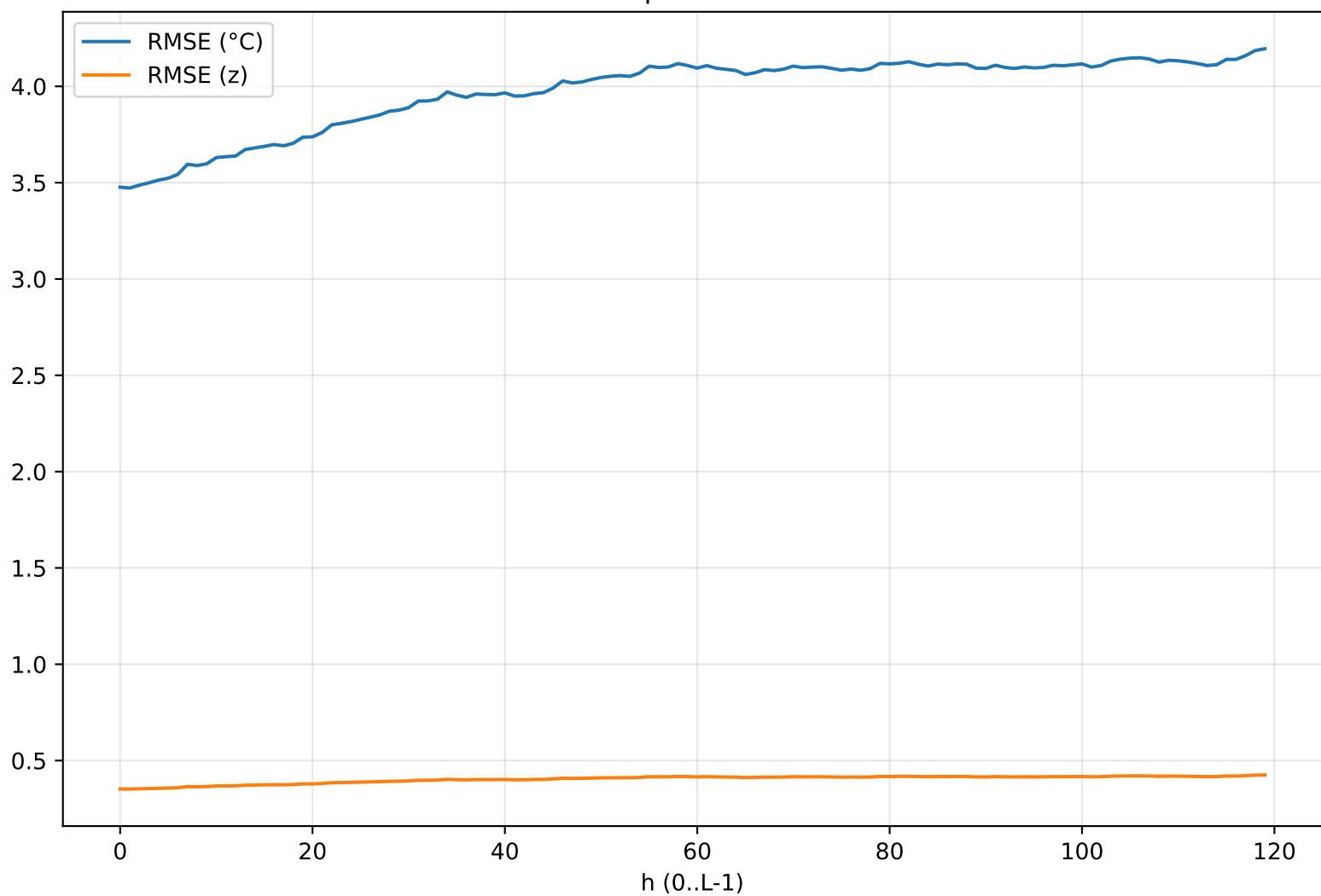
Val RMSE (z)



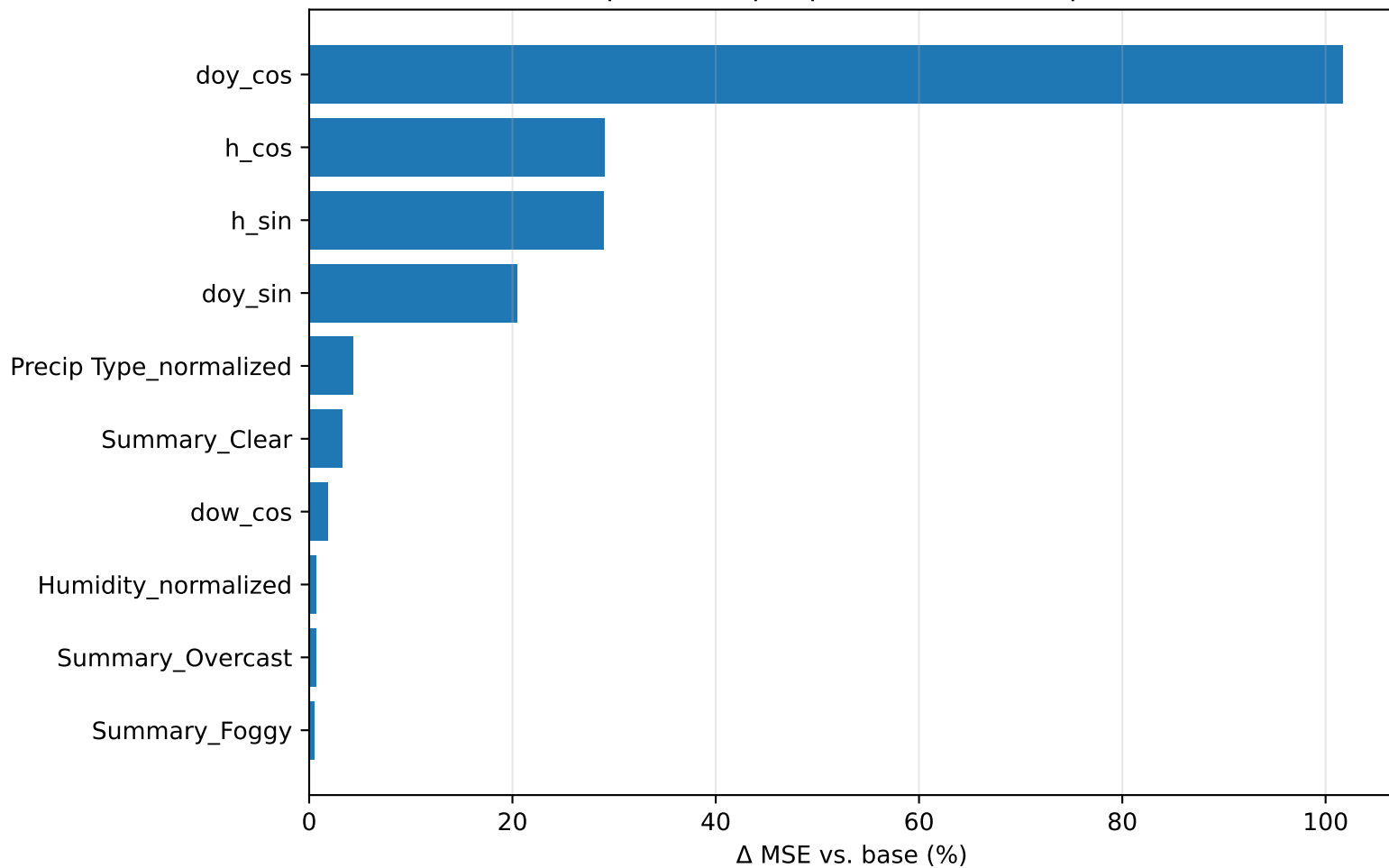
MAE por horizonte



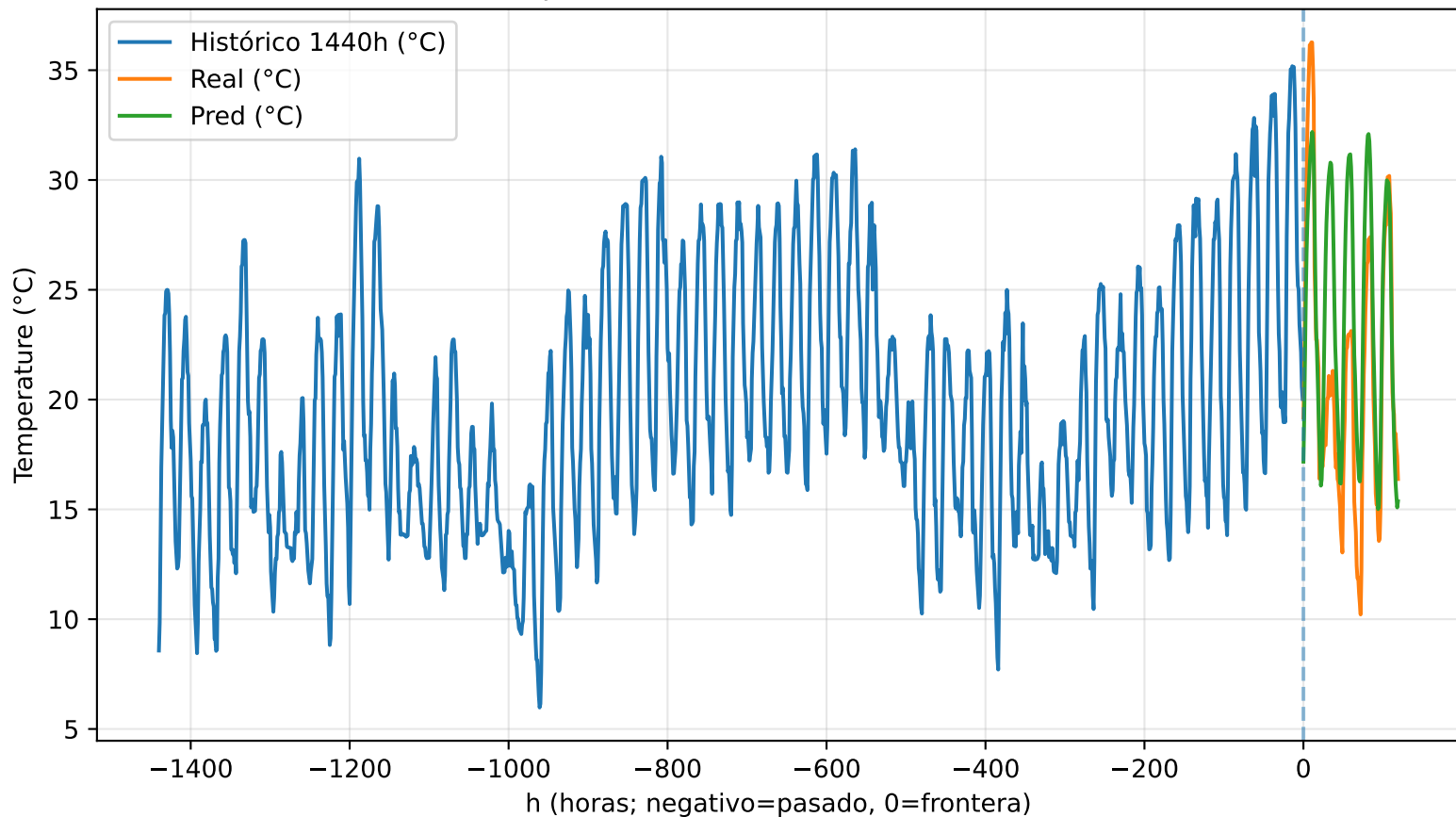
RMSE por horizonte



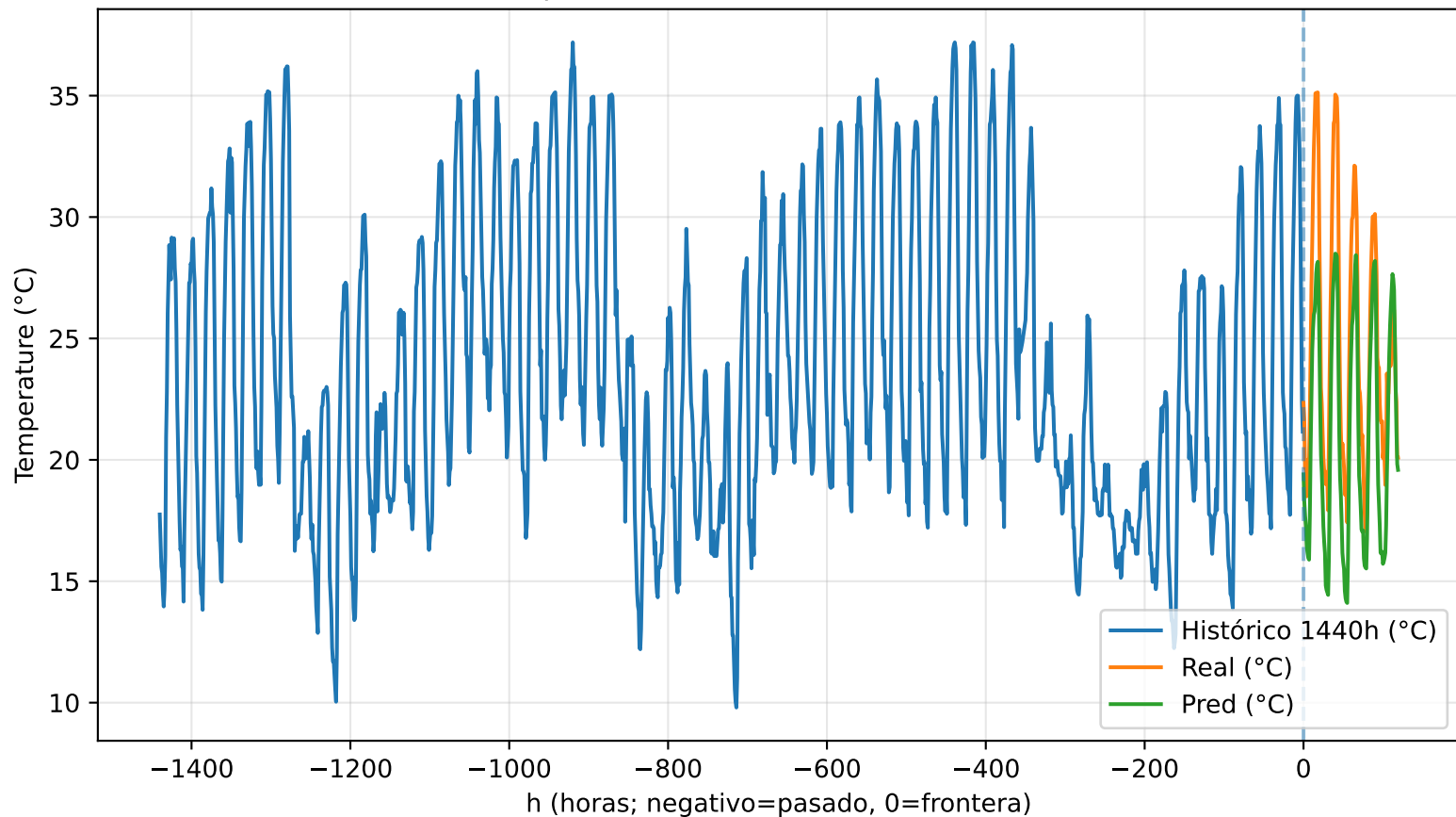
Importancia por permutación — Top-10



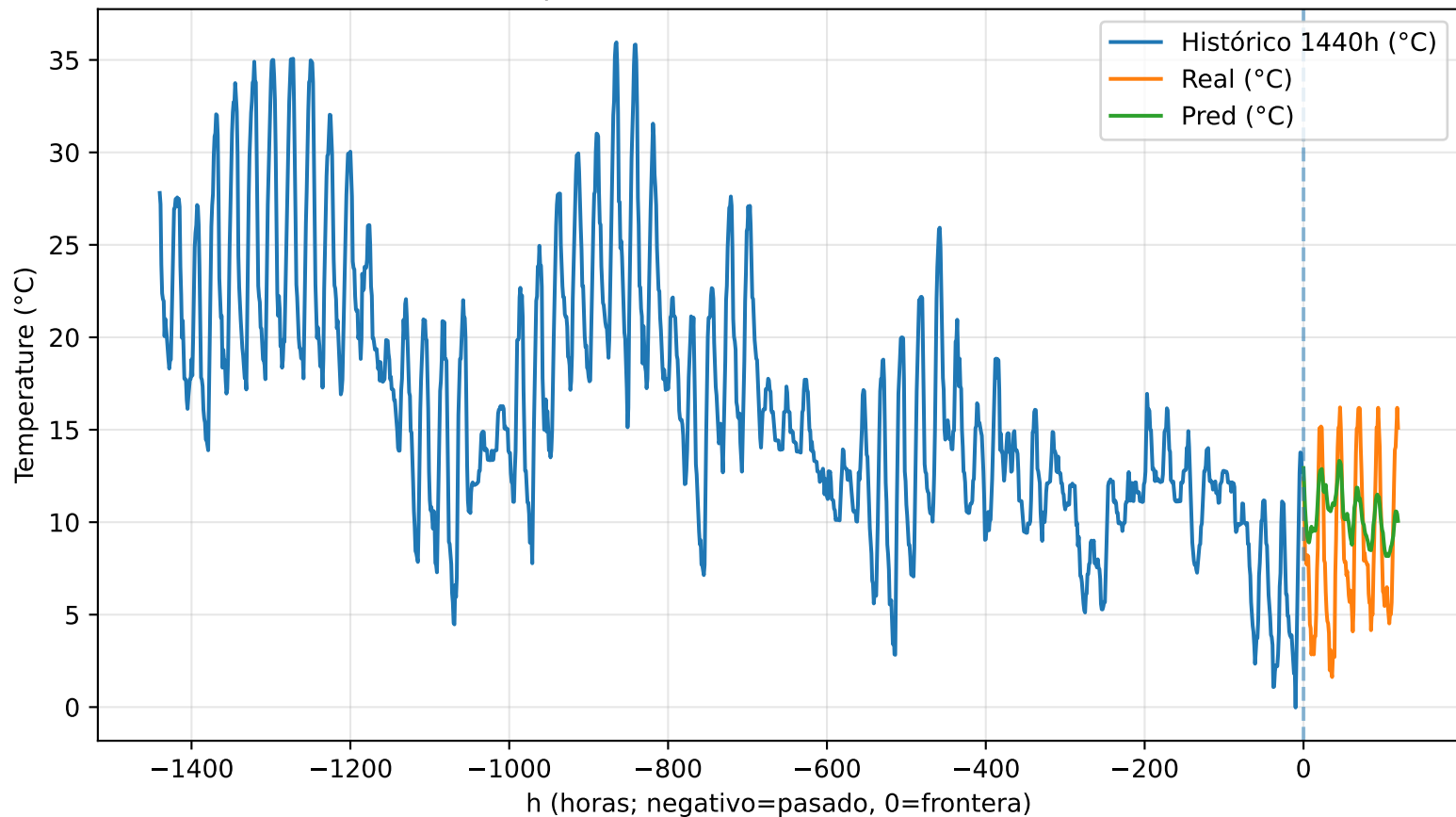
Test sample 1/10 — Ventana H + Horizonte 120h



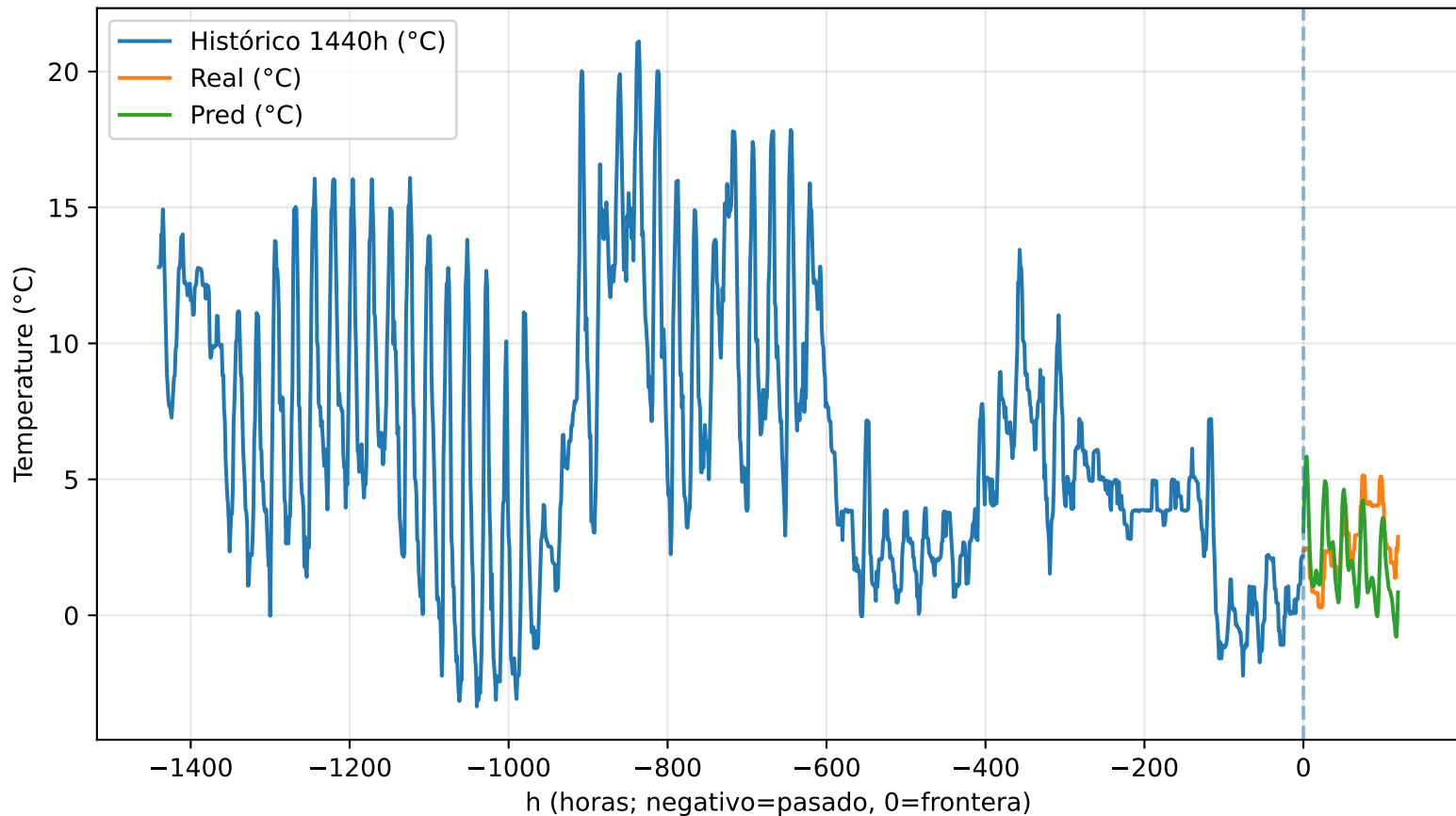
Test sample 2/10 — Ventana H + Horizonte 120h



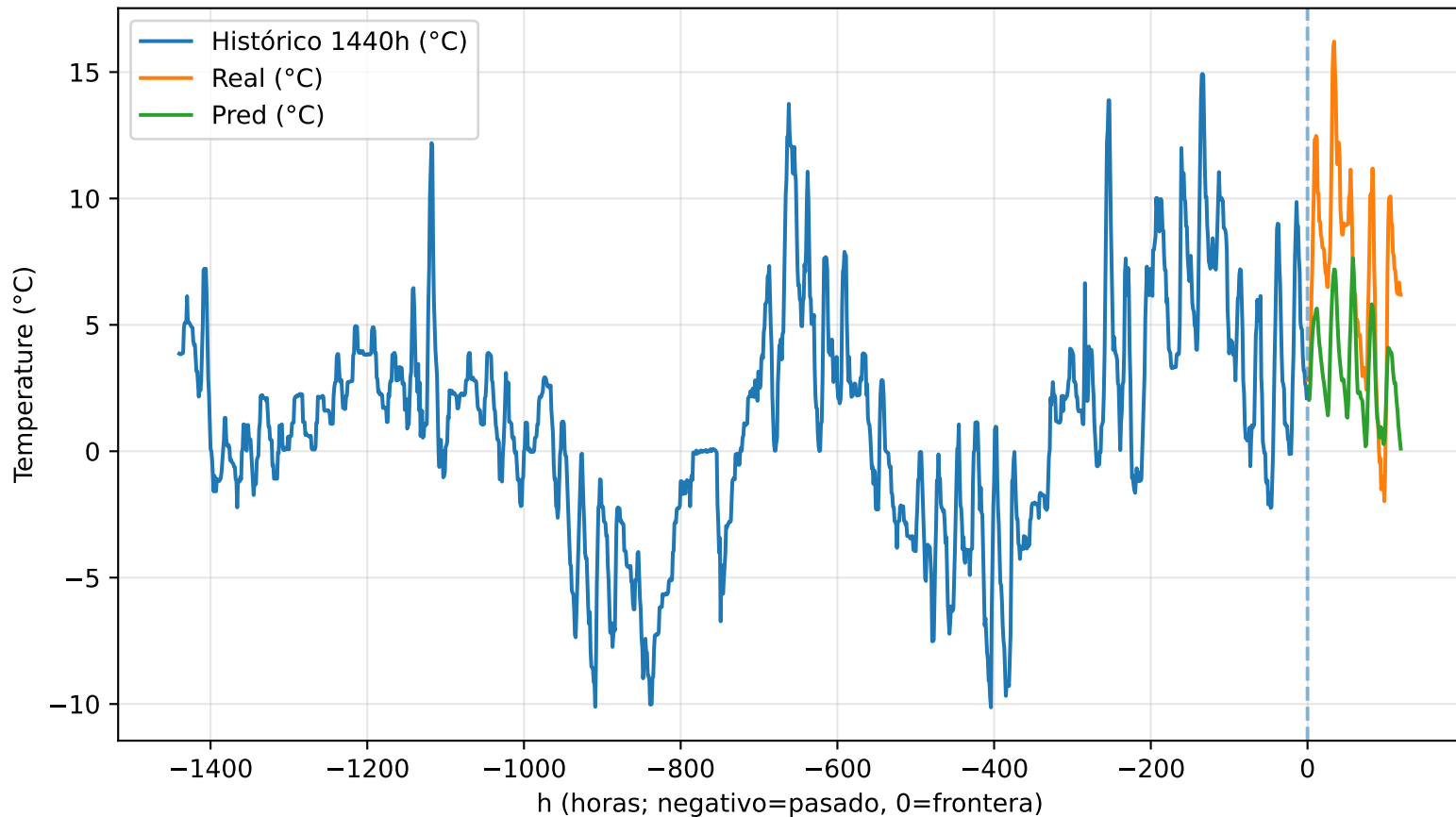
Test sample 3/10 — Ventana H + Horizonte 120h



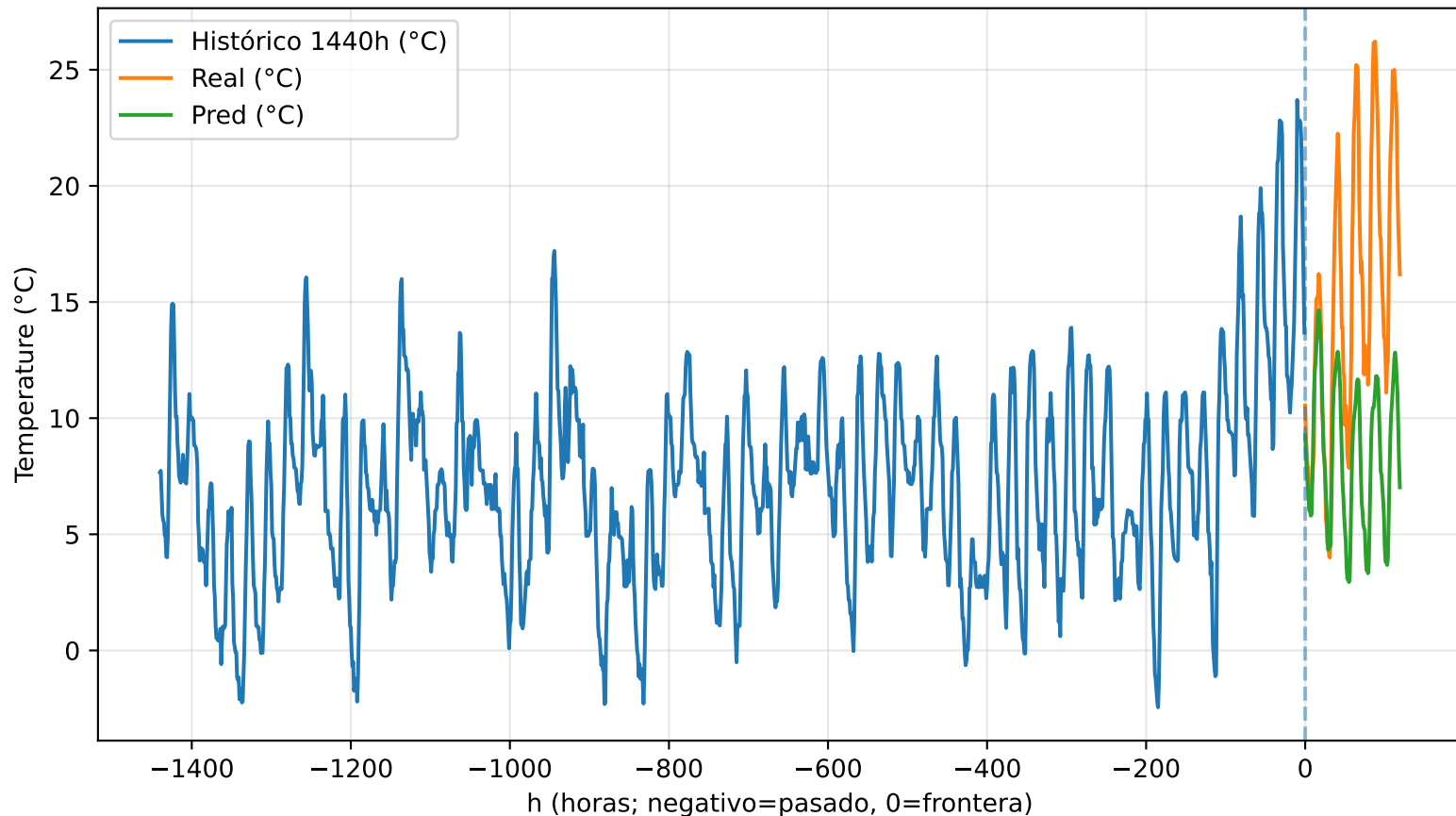
Test sample 4/10 — Ventana H + Horizonte 120h



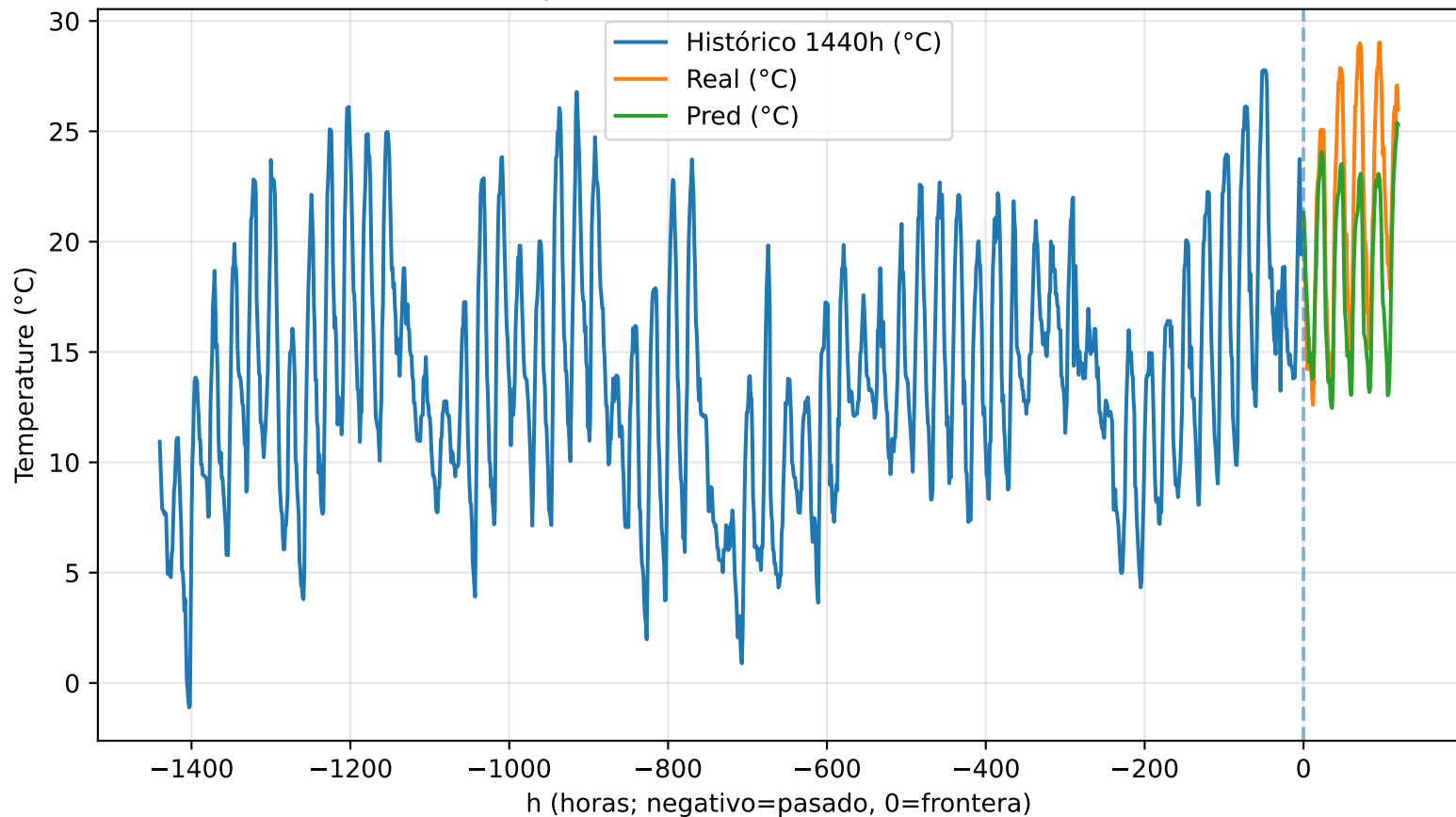
Test sample 5/10 — Ventana H + Horizonte 120h



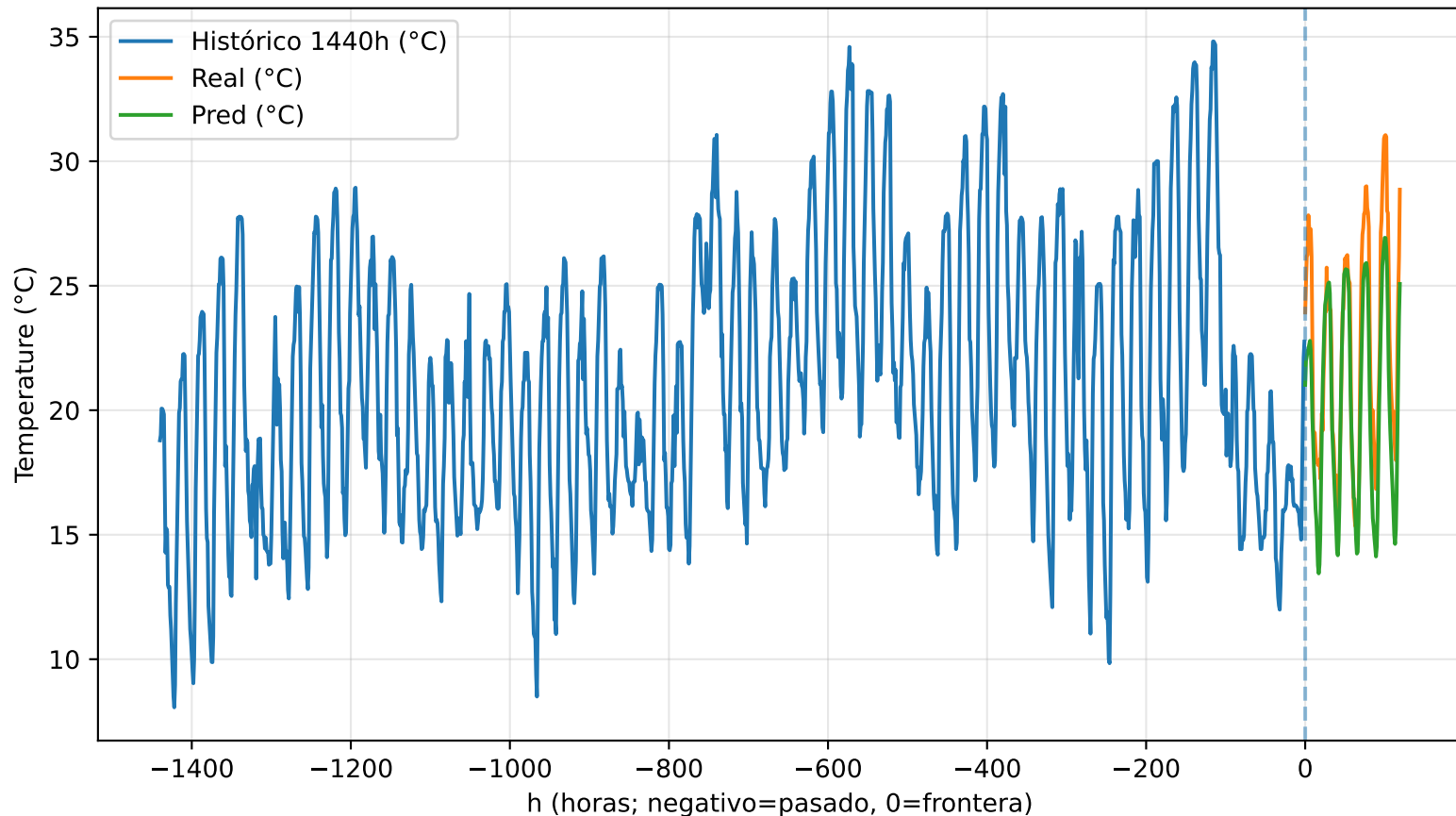
Test sample 6/10 — Ventana H + Horizonte 120h



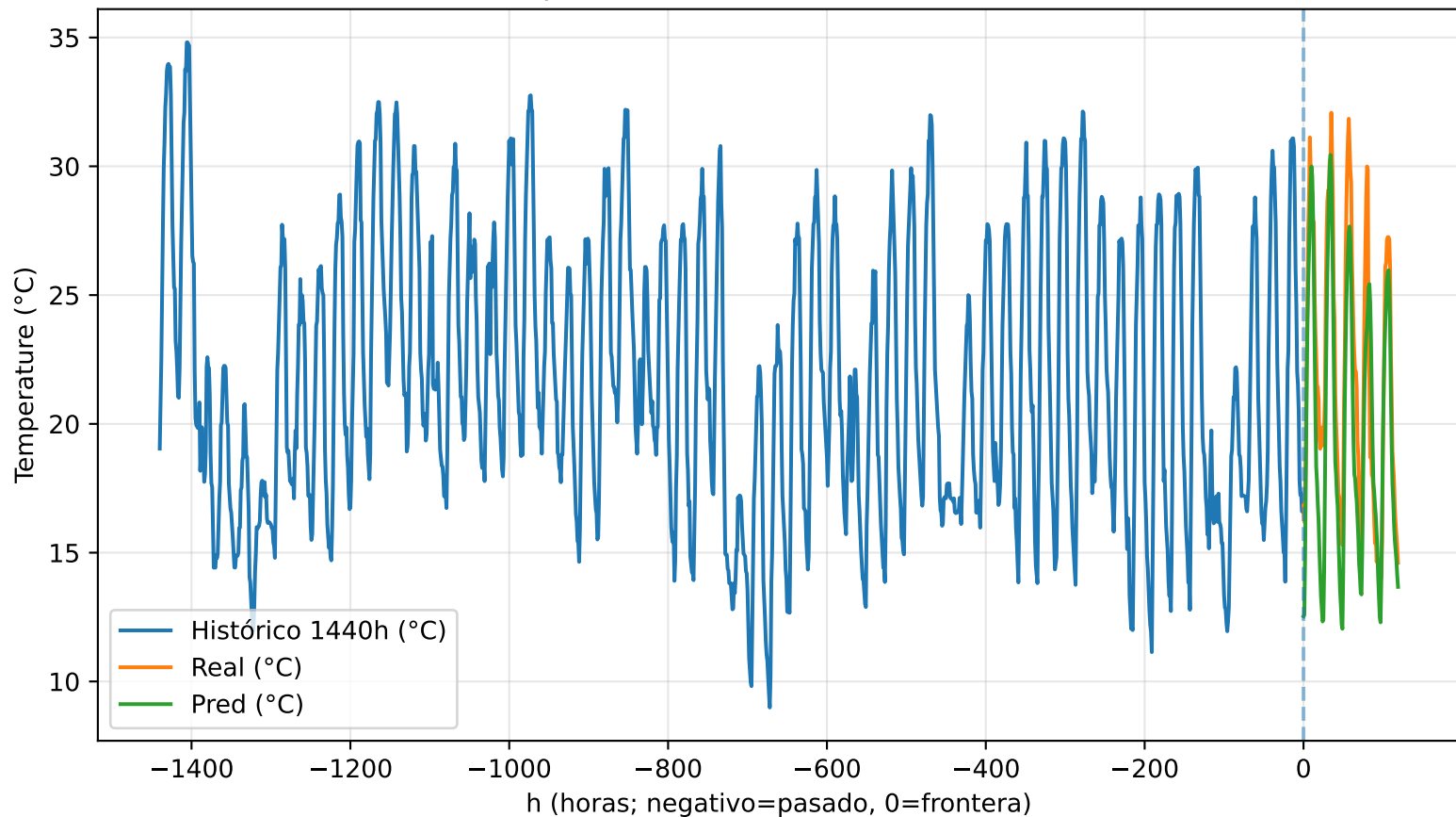
Test sample 7/10 — Ventana H + Horizonte 120h



Test sample 8/10 — Ventana H + Horizonte 120h



Test sample 9/10 — Ventana H + Horizonte 120h



Test sample 10/10 — Ventana H + Horizonte 120h

