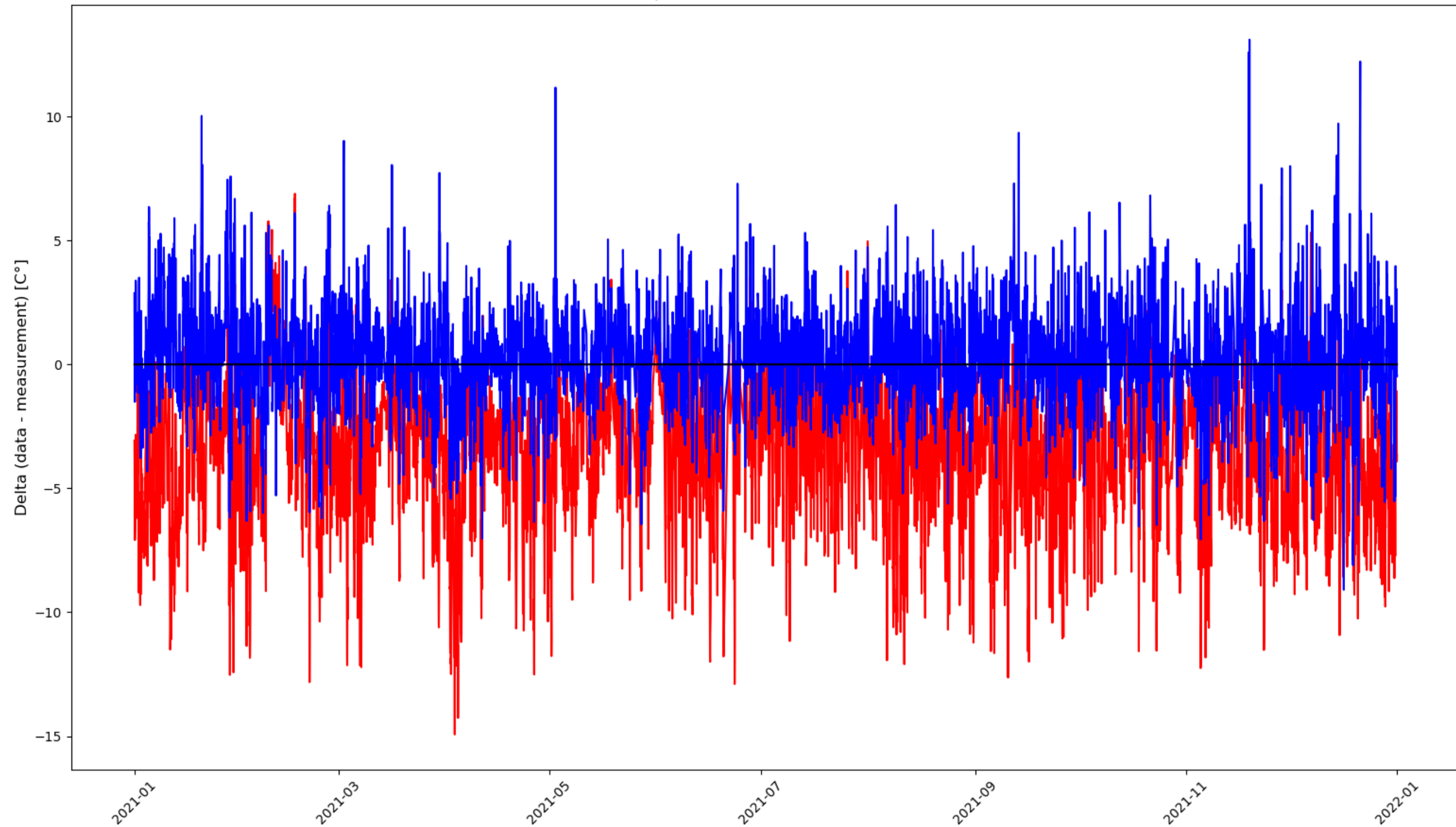


RMSE reconstructed: 2.02 C°
RMSE ERA5 nearest point: 4.56 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

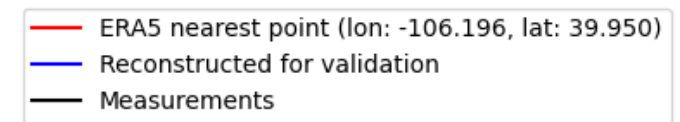
ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall, Difference to Measurements

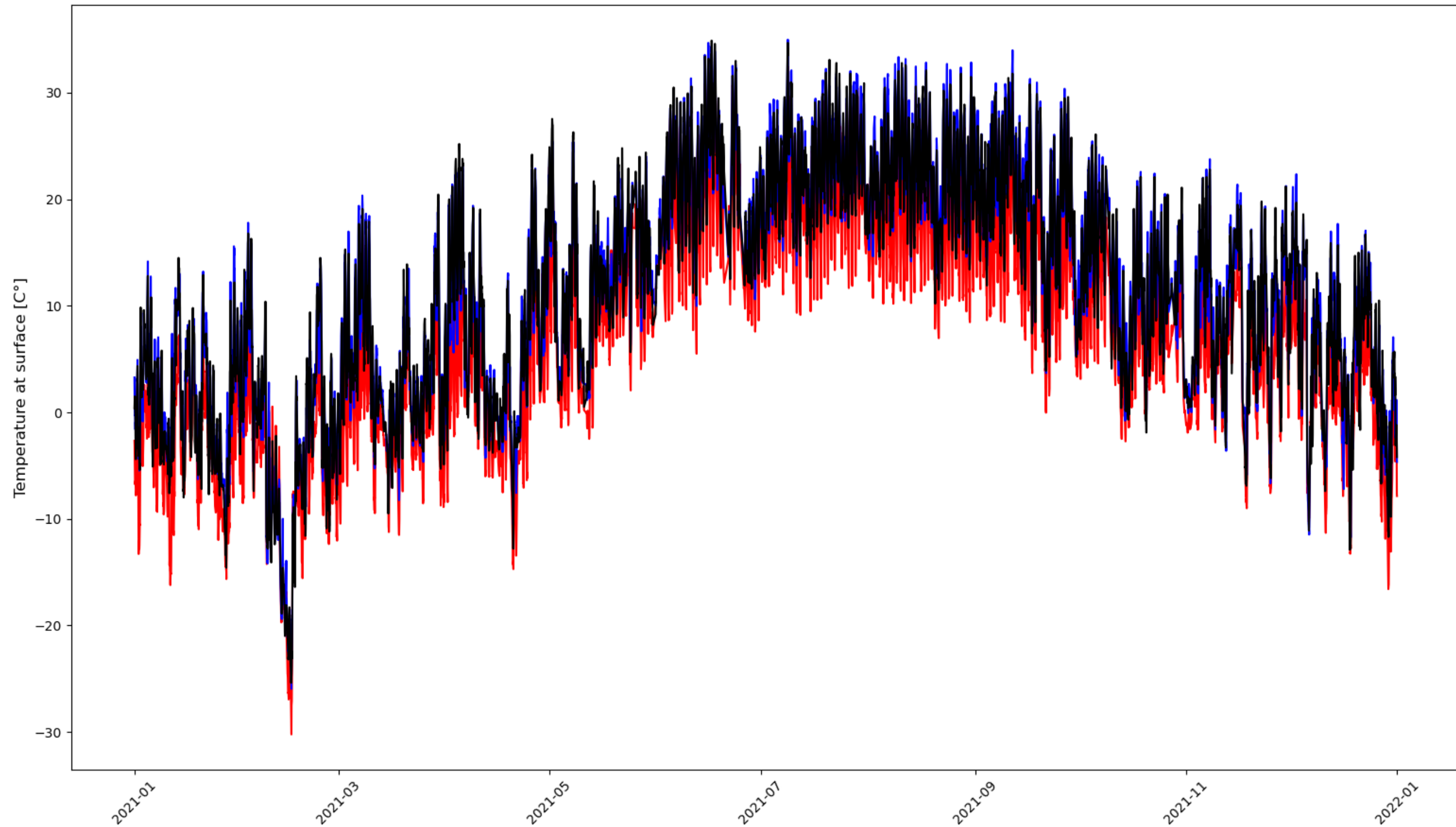


RMSE reconstructed: 2.02 C°
RMSE ERA5 nearest point: 4.56 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965



Marshall

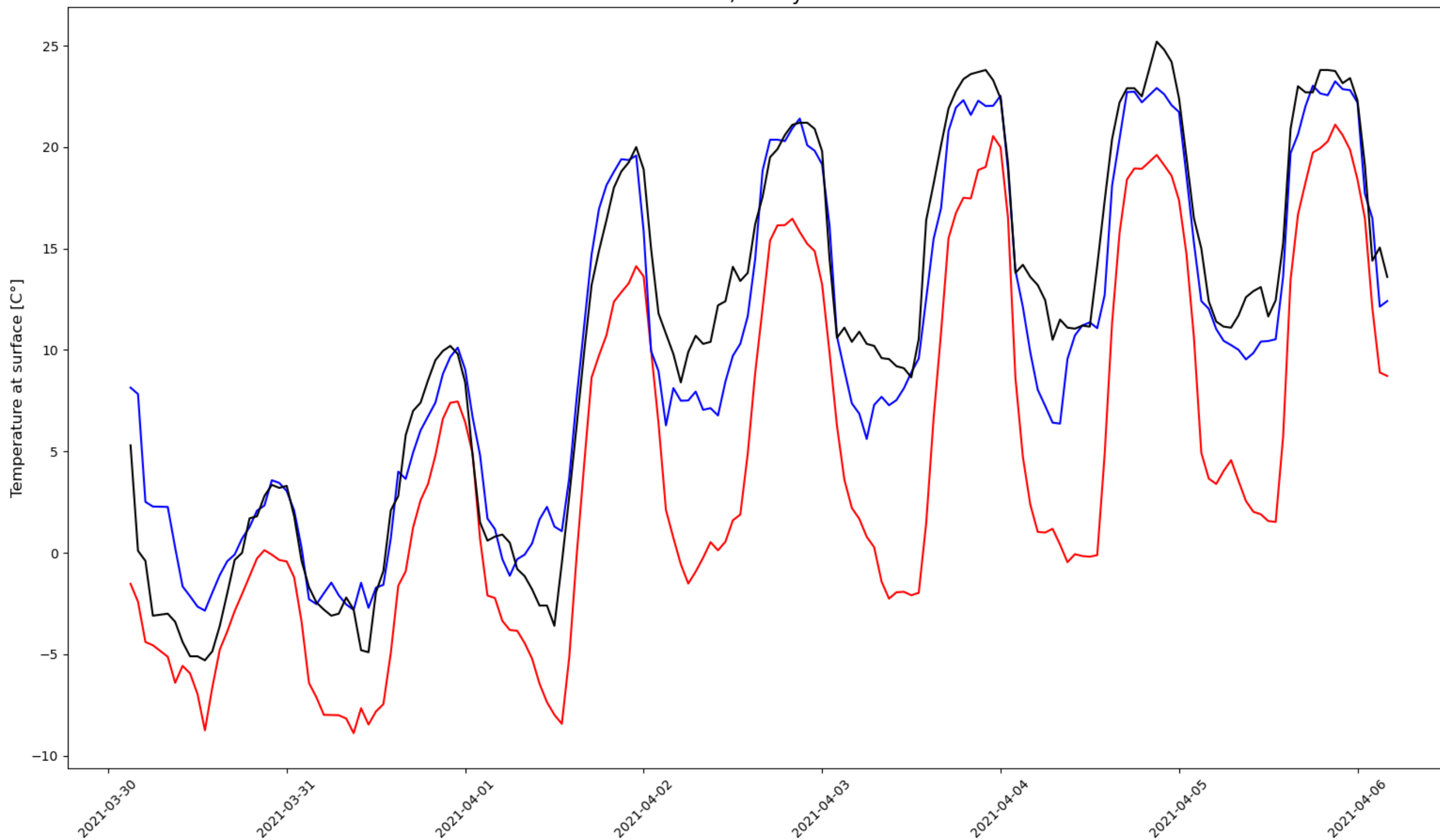


RMSE reconstructed: 2.32 C°
RMSE ERA5 nearest point: 6.98 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

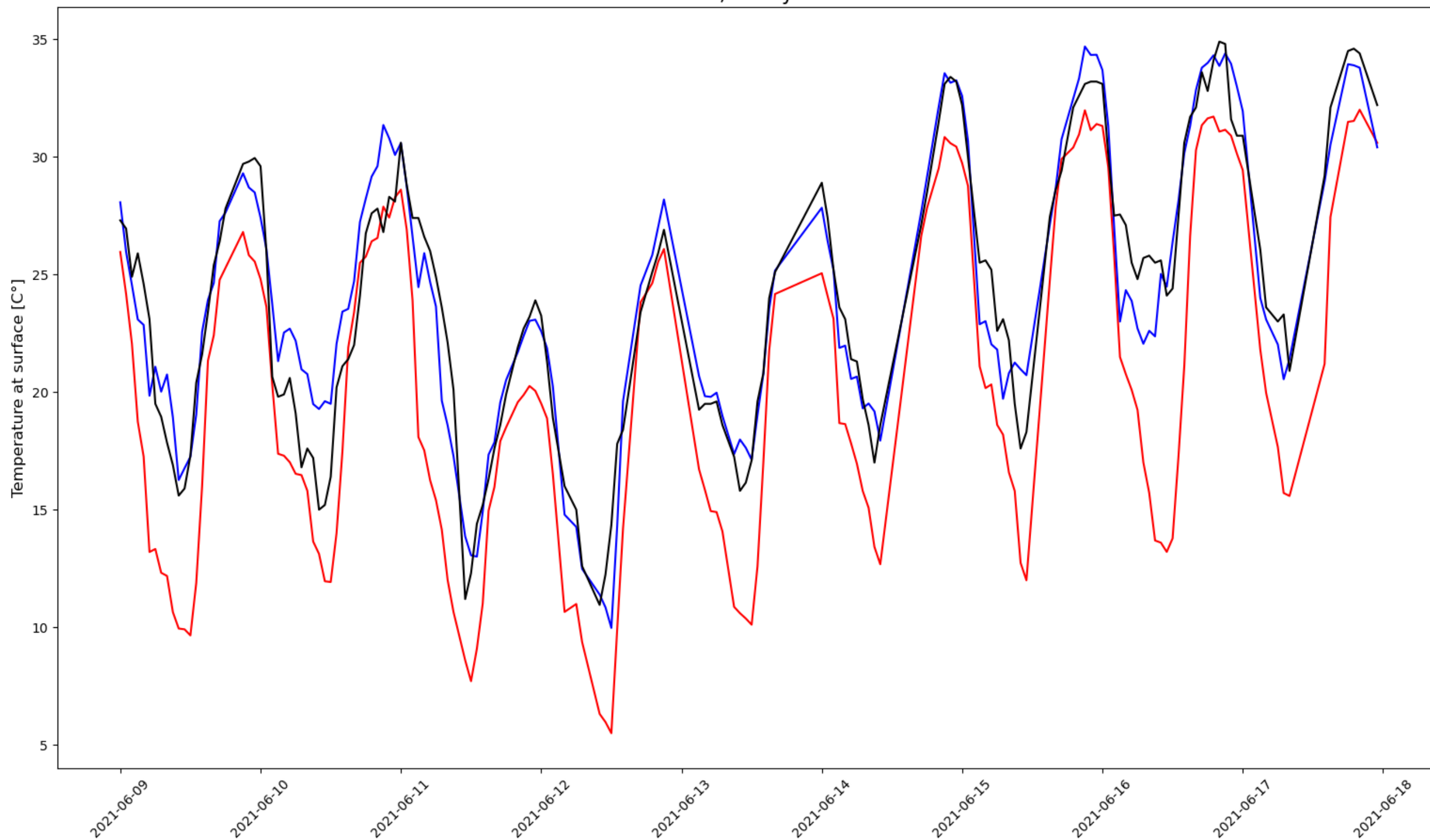


RMSE reconstructed: 1.80 C°
RMSE ERA5 nearest point: 4.90 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

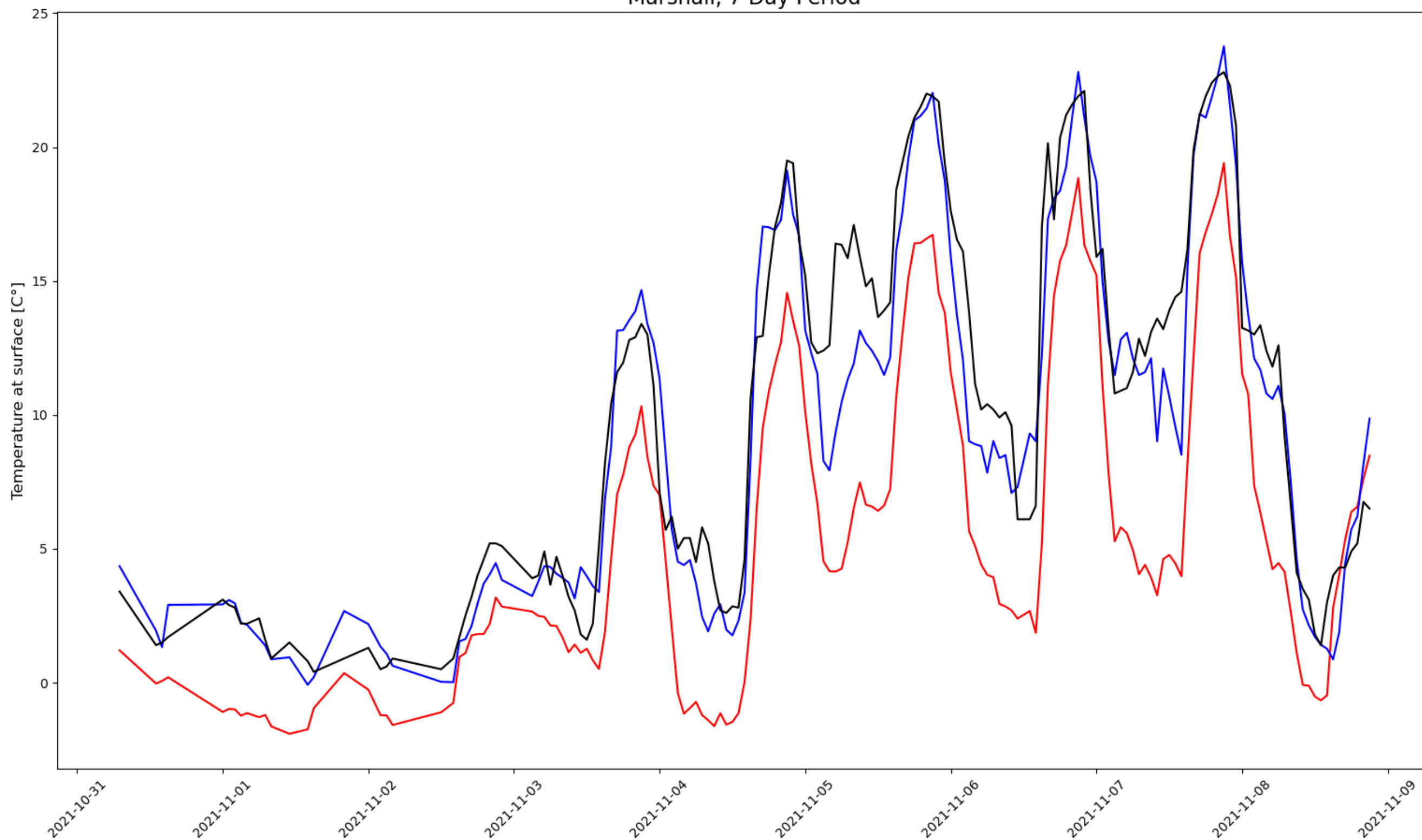


RMSE reconstructed: 2.00 C°
RMSE ERA5 nearest point: 5.40 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

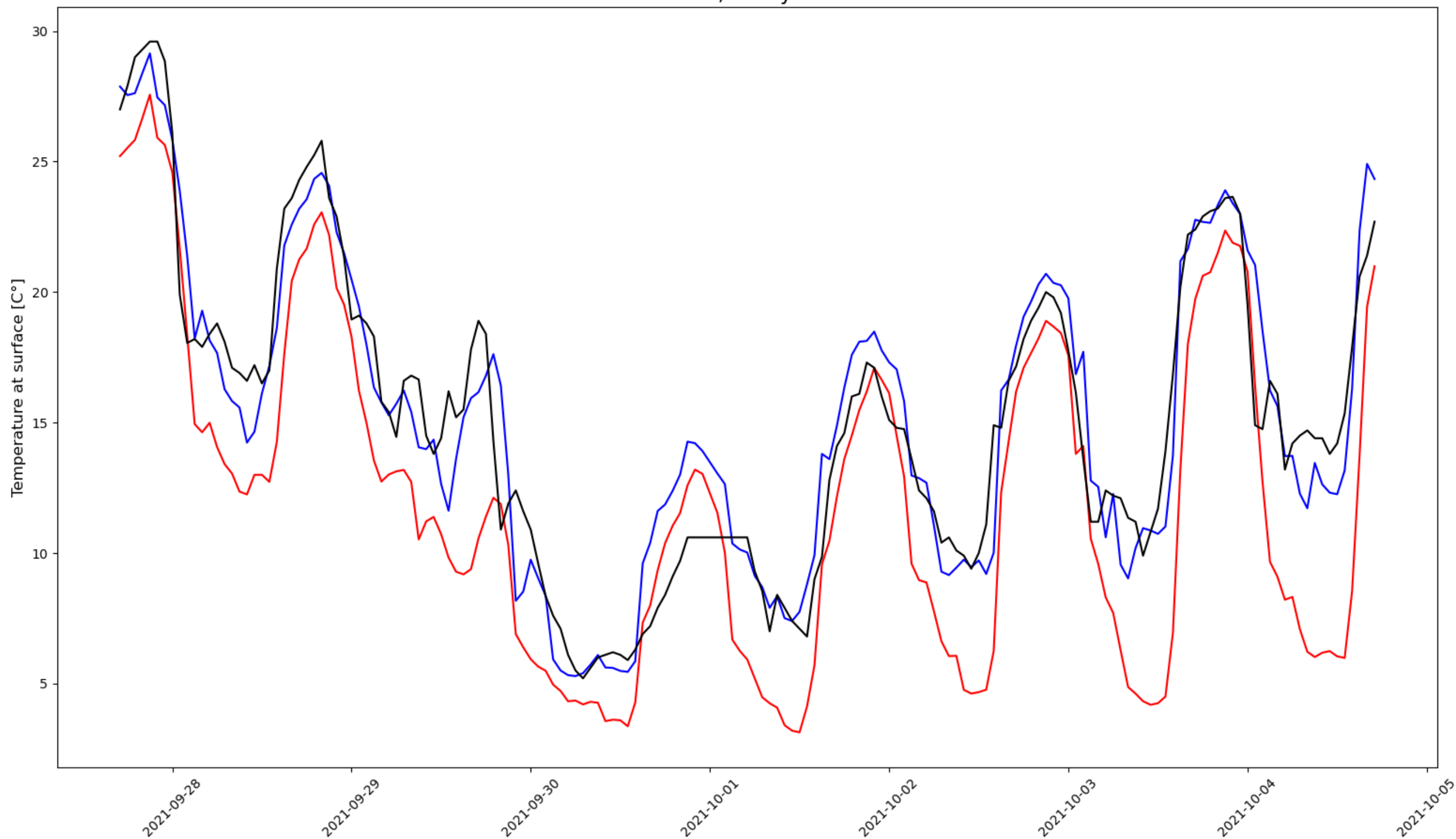


RMSE reconstructed: 1.86 C°
RMSE ERA5 nearest point: 4.17 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

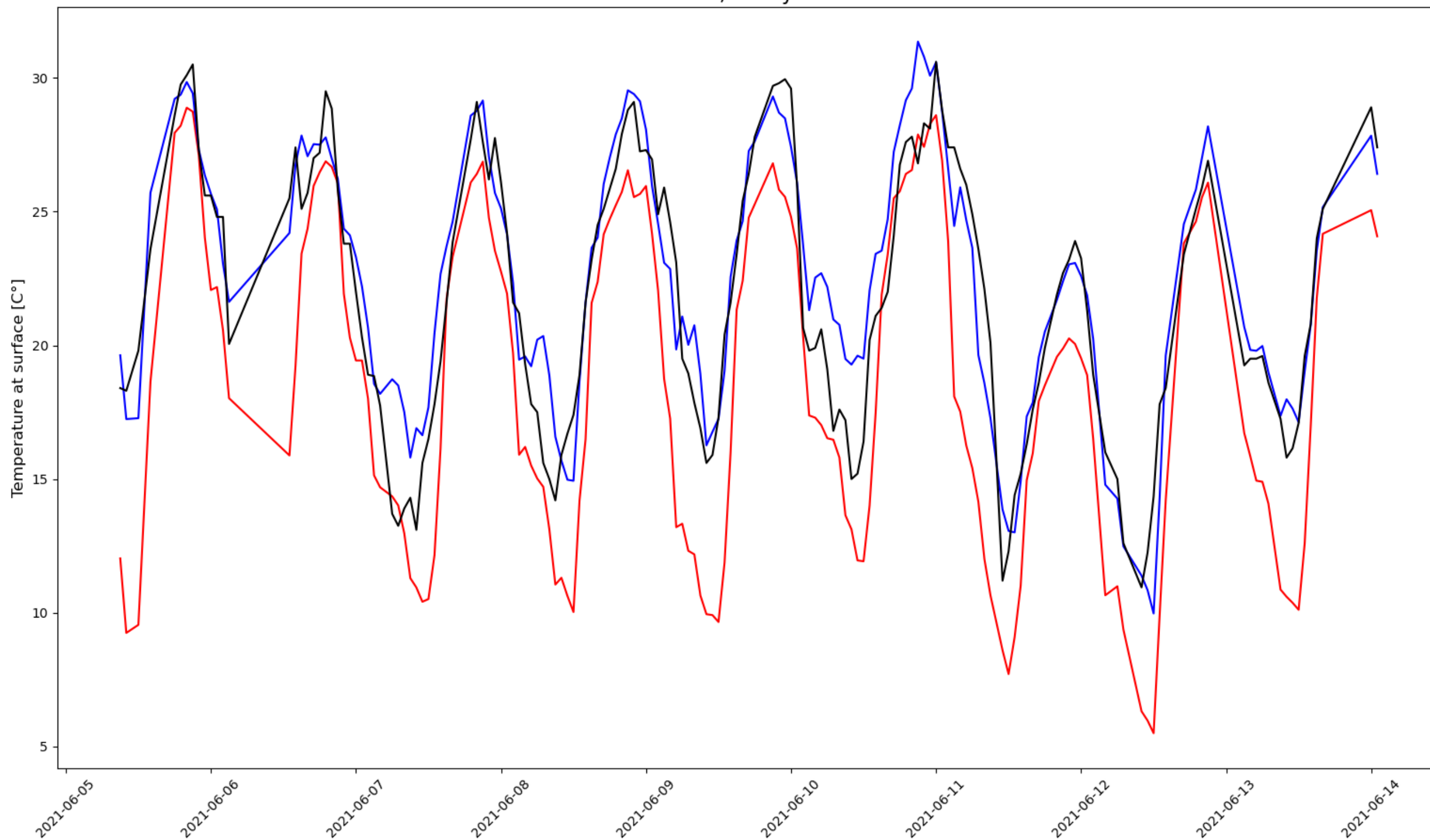


RMSE reconstructed: 1.88 C°
RMSE ERA5 nearest point: 4.37 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

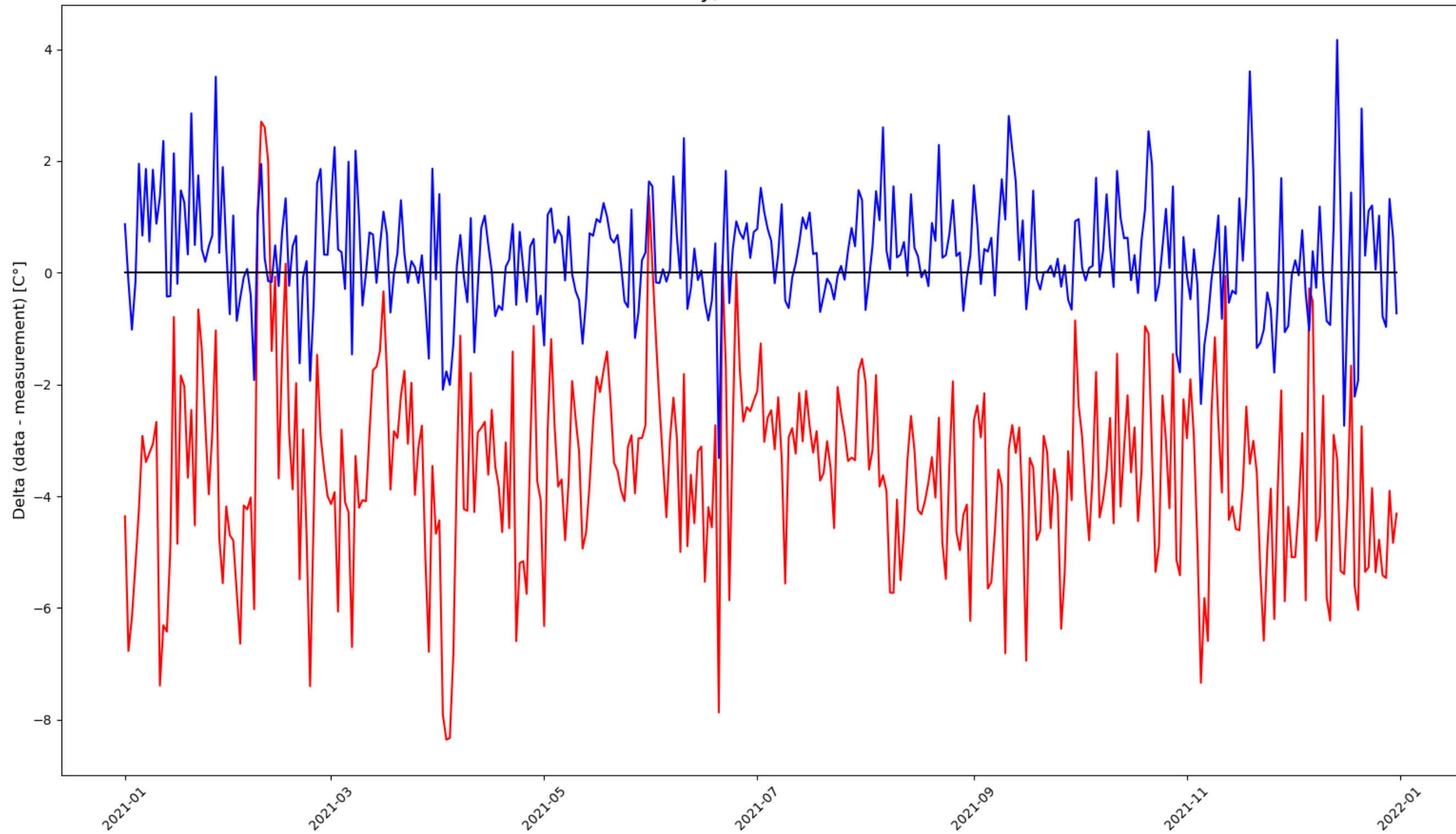


RMSE reconstructed: 1.05 C°
RMSE ERA5 nearest point: 3.95 C°

Correlation reconstructed: 0.995
Correlation ERA5 nearest point: 0.985

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall - Daily, delta to measurements

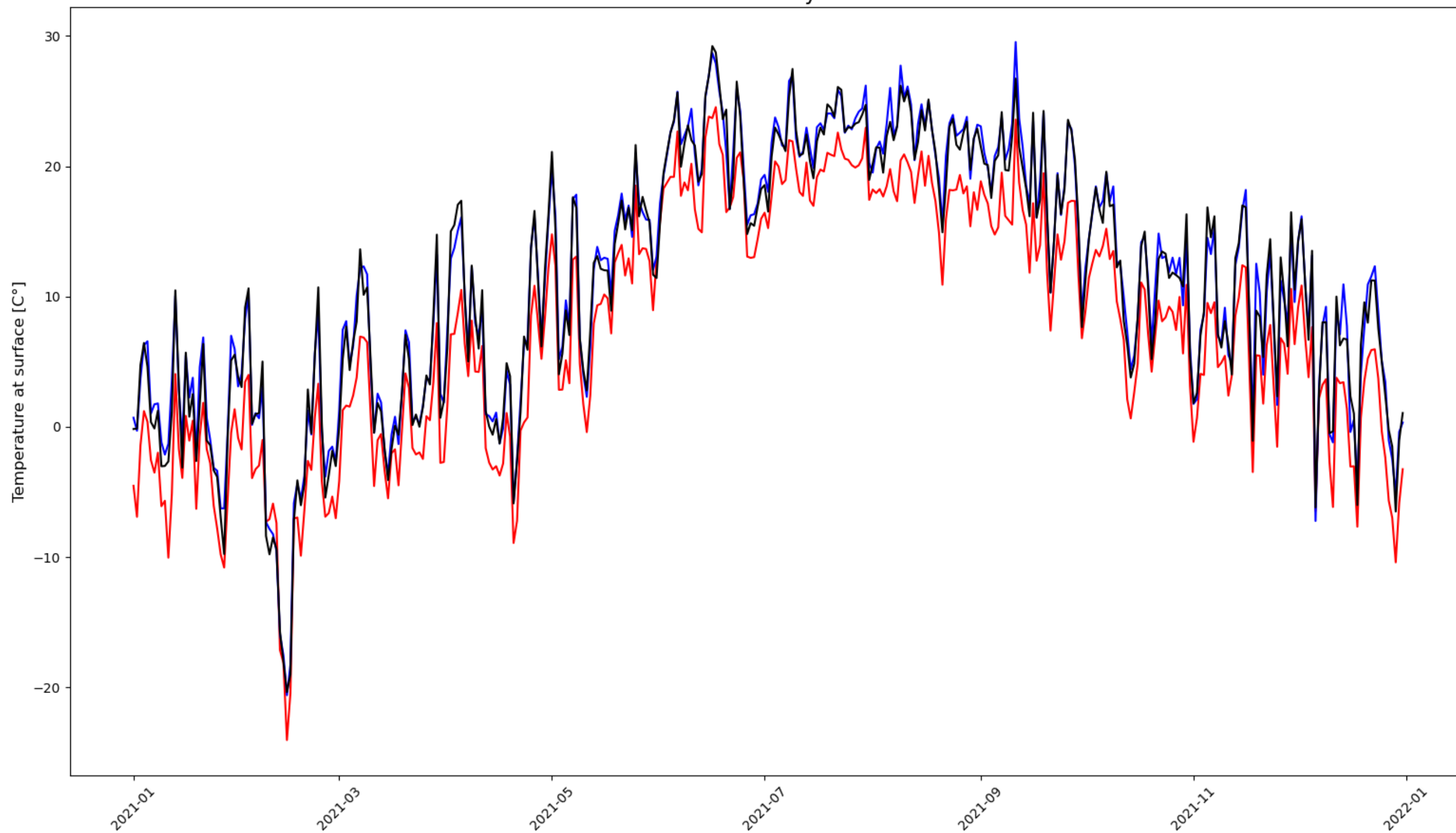


RMSE reconstructed: 1.05 C°
RMSE ERA5 nearest point: 3.95 C°

Correlation reconstructed: 0.995
Correlation ERA5 nearest point: 0.985

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall - Daily mean



RMSE reconstructed: 0.41 C°
RMSE ERA5 nearest point: 3.60 C°

Correlation reconstructed: 0.999
Correlation ERA5 nearest point: 0.998

ERA5 nearest point (lon: -106.196, lat: 39.950)
Reconstructed for validation
Measurements

Marshall - Monthly mean

