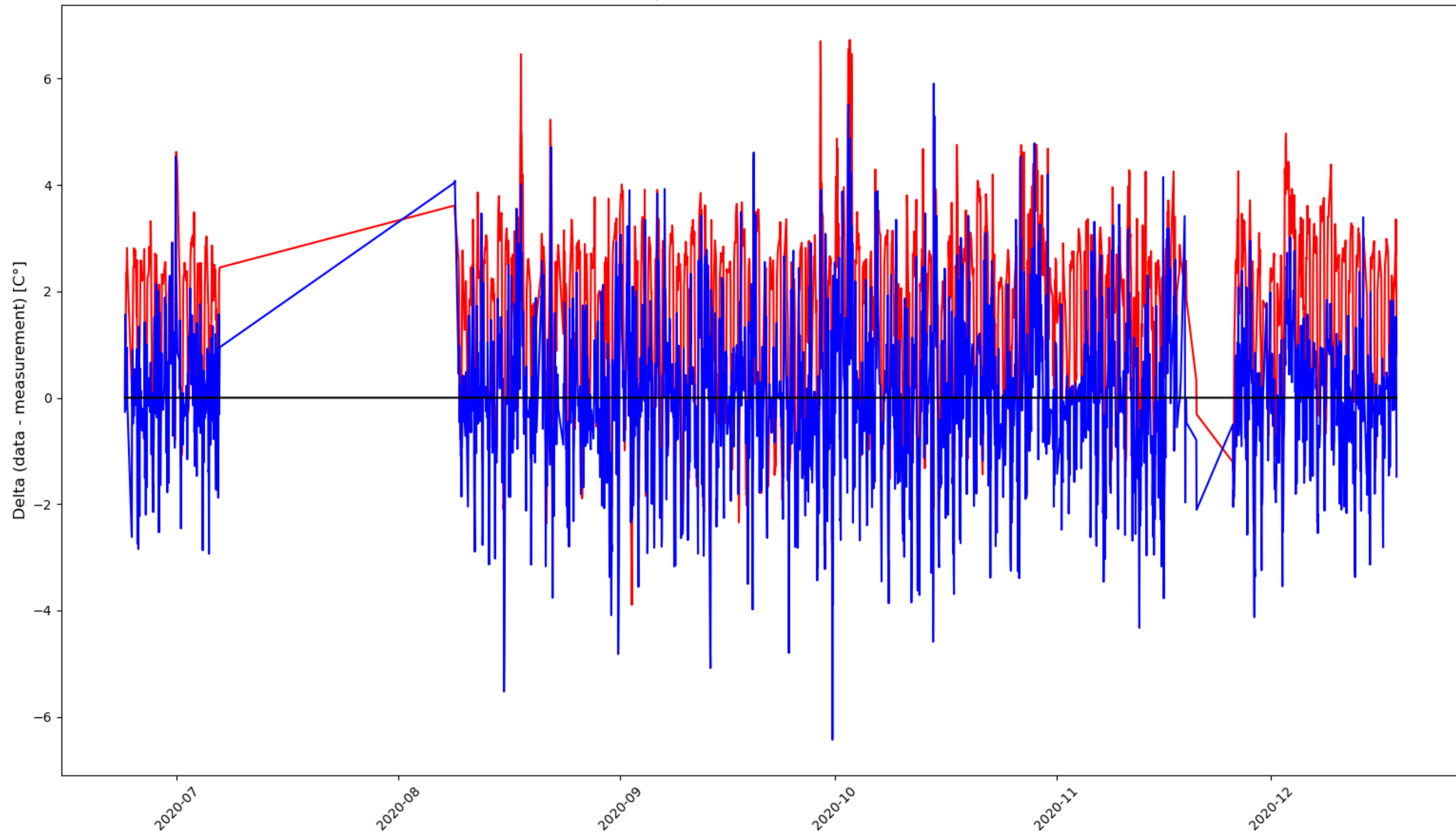


RMSE reconstructed: 1.43 C°
RMSE ERA5 nearest point: 2.14 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

ERA5 nearest point (lon: -60.294, lat: 12.914)
Reconstructed for validation
Measurements

Barbados, Difference to Measurements

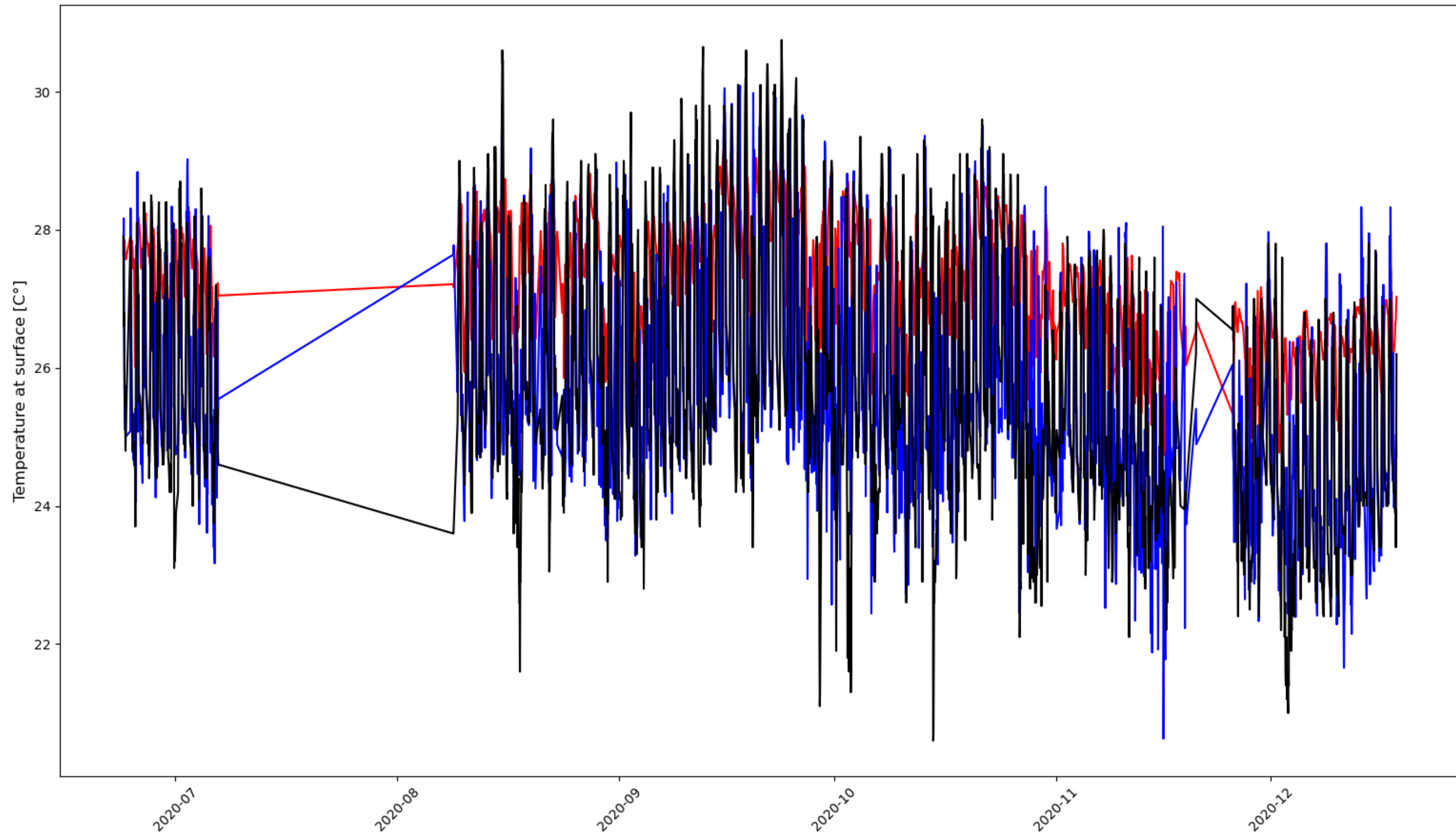


RMSE reconstructed: 1.43 C°
RMSE ERA5 nearest point: 2.14 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

ERA5 nearest point (lon: -60.294, lat: 12.914)
Reconstructed for validation
Measurements

Barbados

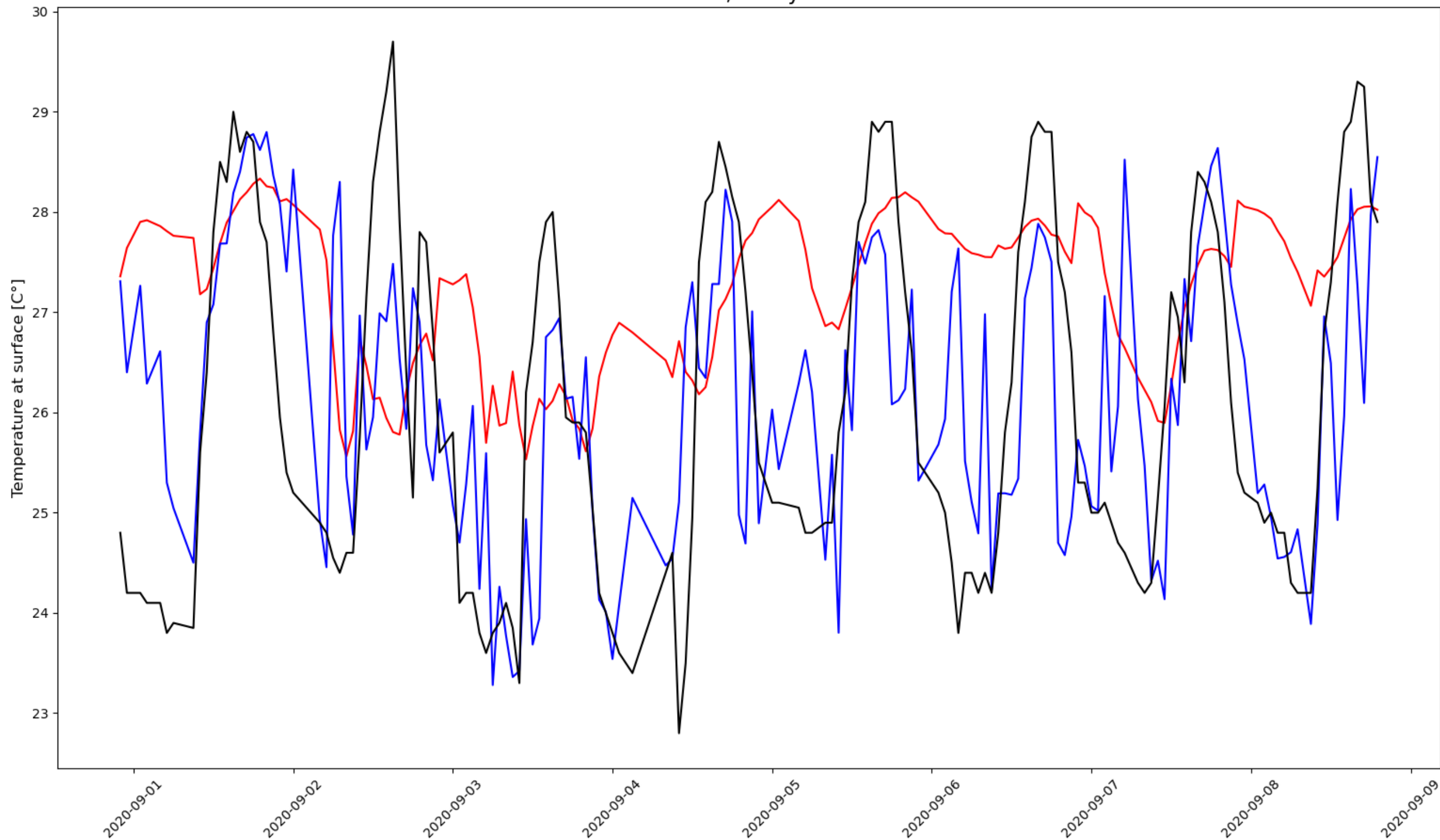


RMSE reconstructed: 1.51 C°
RMSE ERA5 nearest point: 2.09 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

— ERA5 nearest point (lon: -60.294, lat: 12.914)
— Reconstructed for validation
— Measurements

Barbados, 7 Day Period

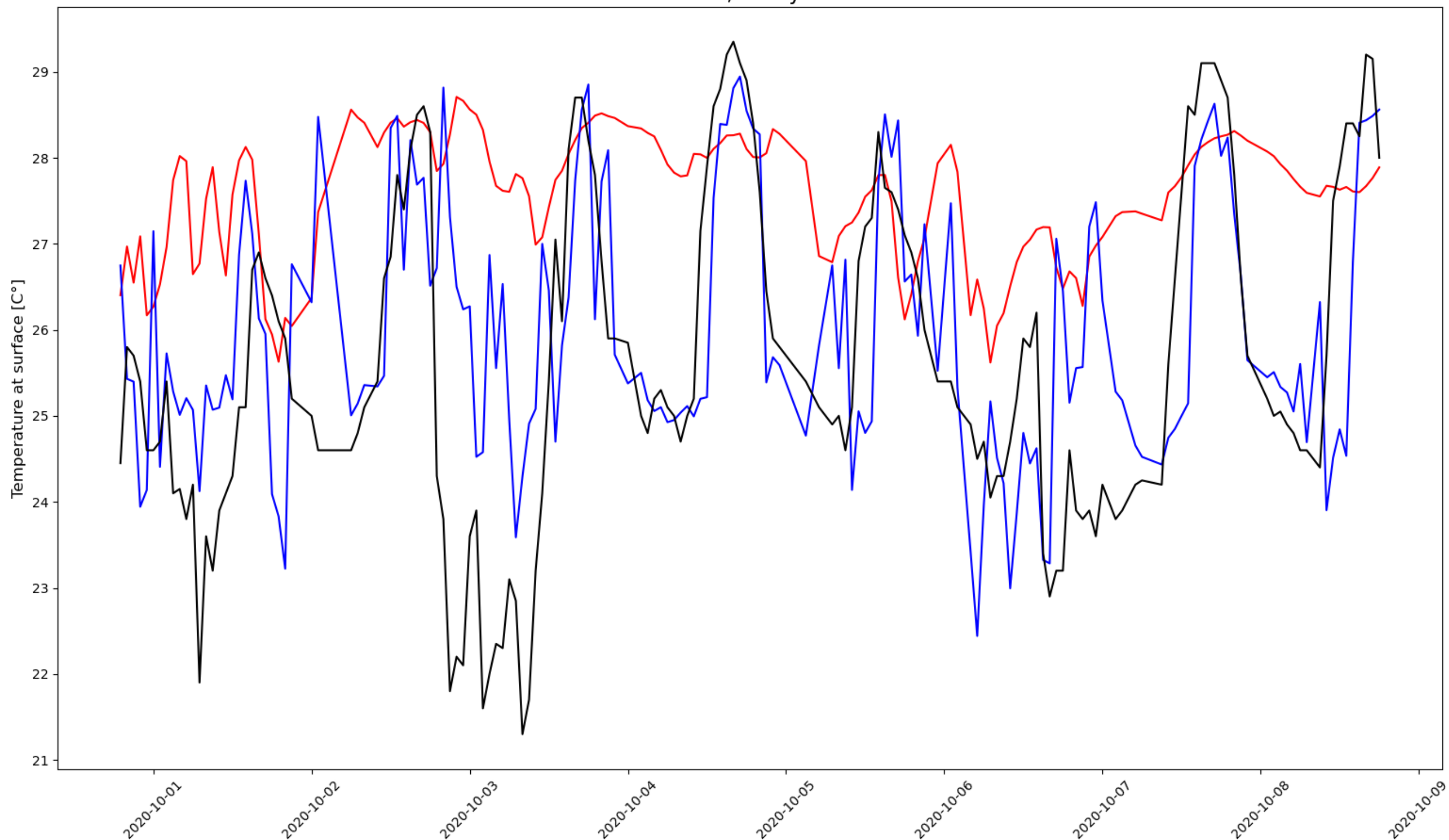


RMSE reconstructed: 1.76 C°
RMSE ERA5 nearest point: 2.67 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

ERA5 nearest point (lon: -60.294, lat: 12.914)
Reconstructed for validation
Measurements

Barbados, 7 Day Period

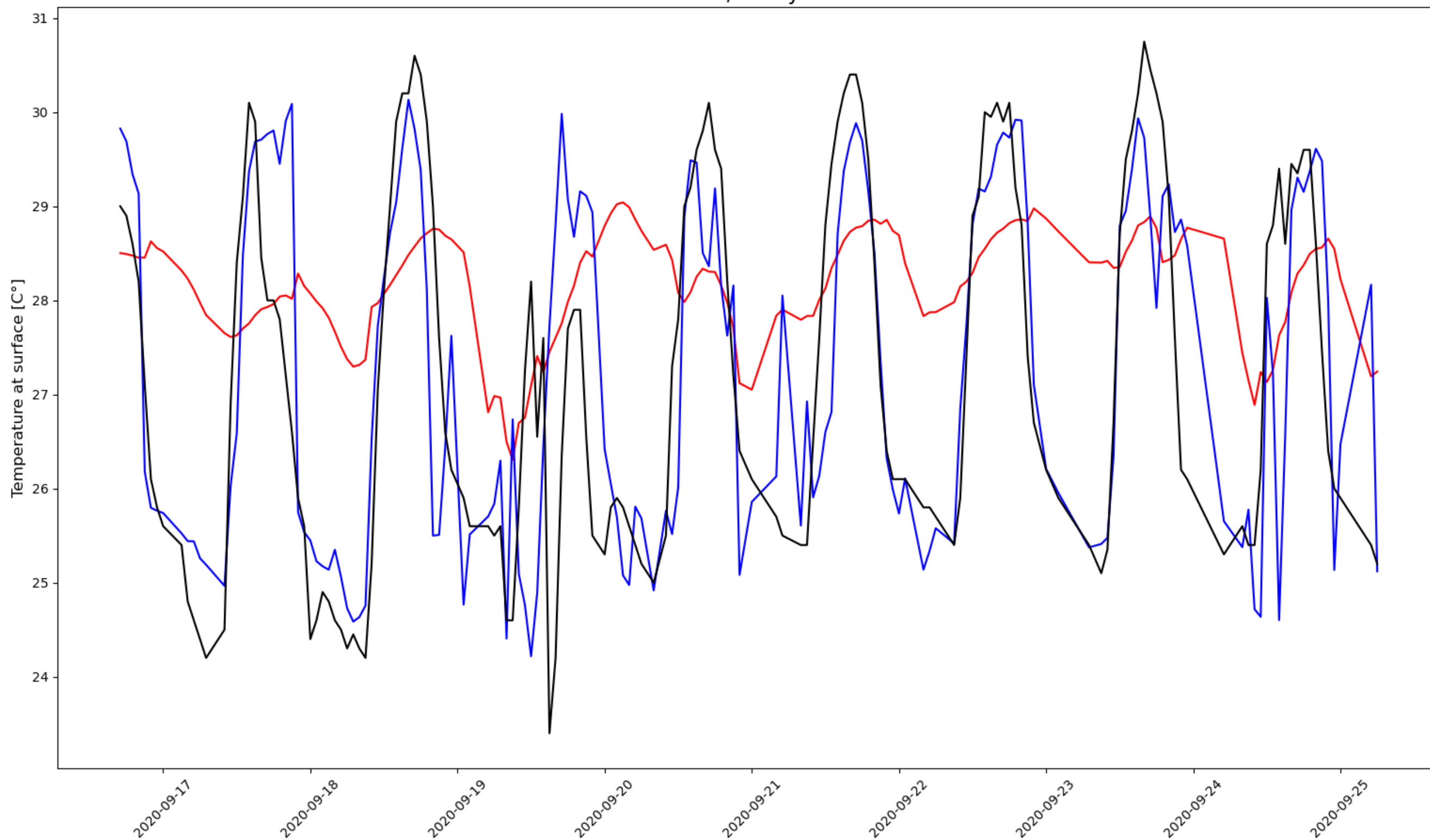


RMSE reconstructed: 1.35 C°
RMSE ERA5 nearest point: 2.03 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

— ERA5 nearest point (lon: -60.294, lat: 12.914)
— Reconstructed for validation
— Measurements

Barbados, 7 Day Period

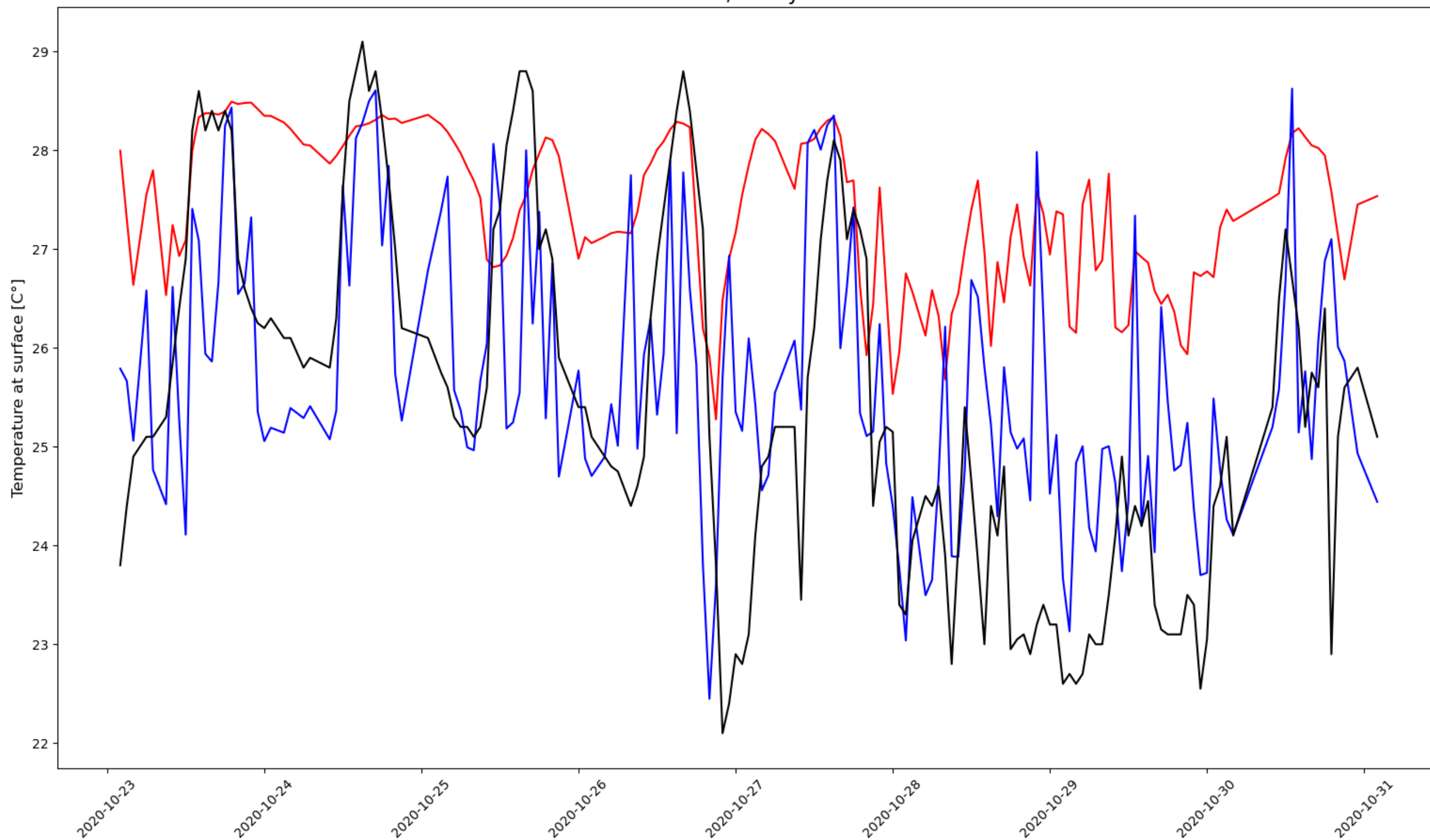


RMSE reconstructed: 1.56 C°
RMSE ERA5 nearest point: 2.49 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

— ERA5 nearest point (lon: -60.294, lat: 12.914)
— Reconstructed for validation
— Measurements

Barbados, 7 Day Period

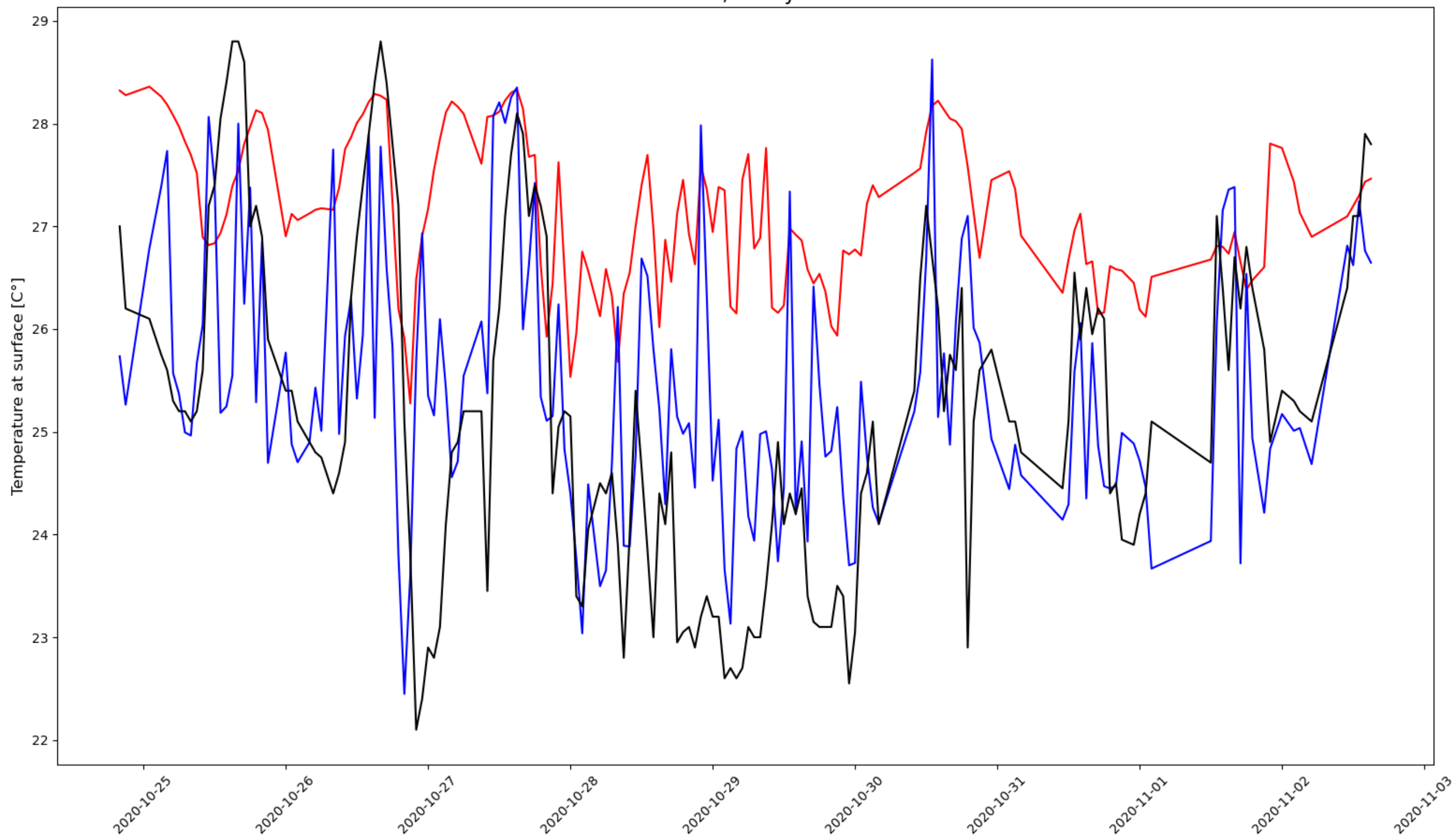


RMSE reconstructed: 1.53 C°
RMSE ERA5 nearest point: 2.47 C°

Correlation reconstructed: 0.666
Correlation ERA5 nearest point: 0.478

— ERA5 nearest point (lon: -60.294, lat: 12.914)
— Reconstructed for validation
— Measurements

Barbados, 7 Day Period

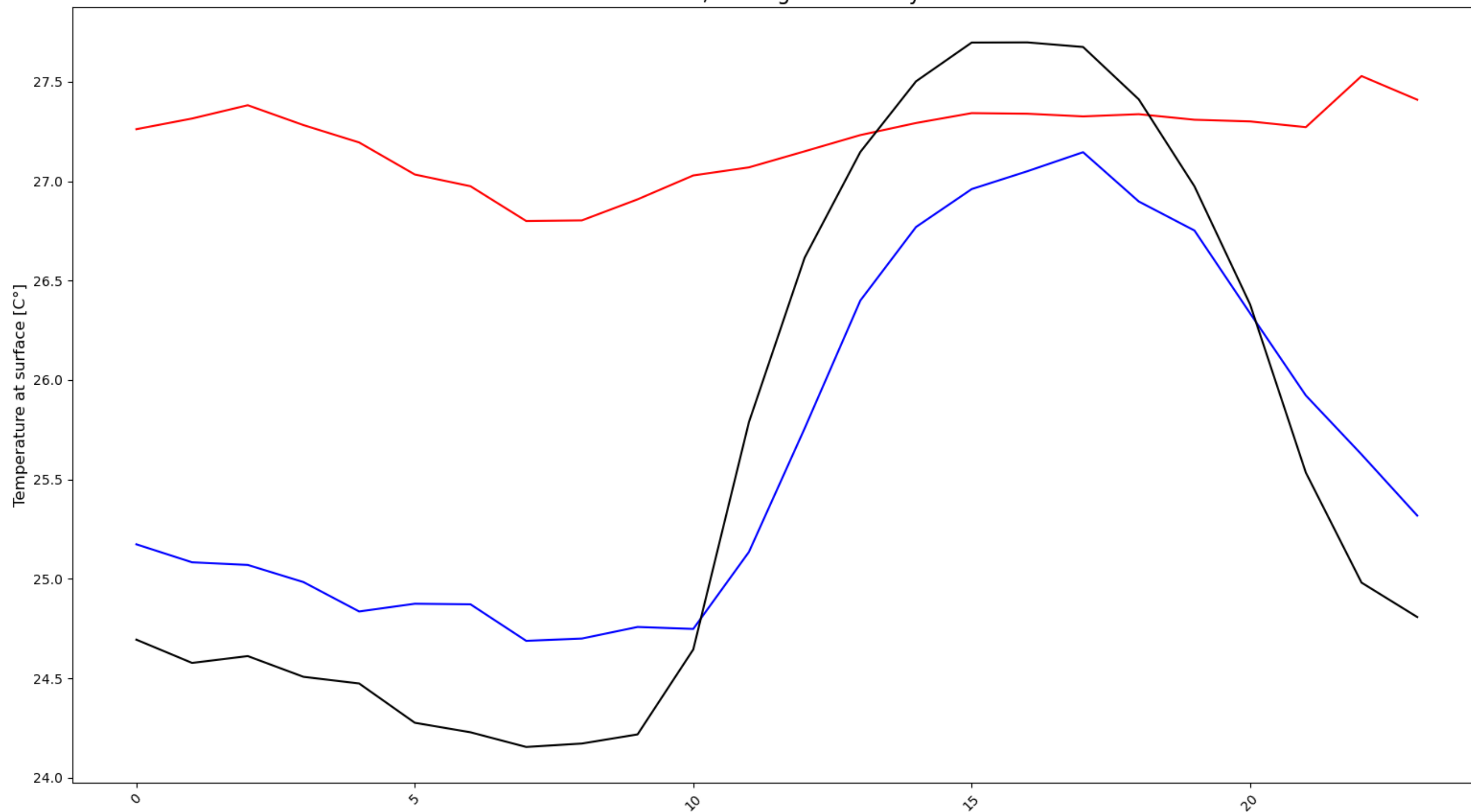


RMSE reconstructed: 0.55 C°
RMSE ERA5 nearest point: 2.03 C°

Correlation reconstructed: 0.964
Correlation ERA5 nearest point: 0.482

ERA5 nearest point (lon: -60.294, lat: 12.914)
Reconstructed for validation
Measurements

Barbados, Average Diurnal Cycle

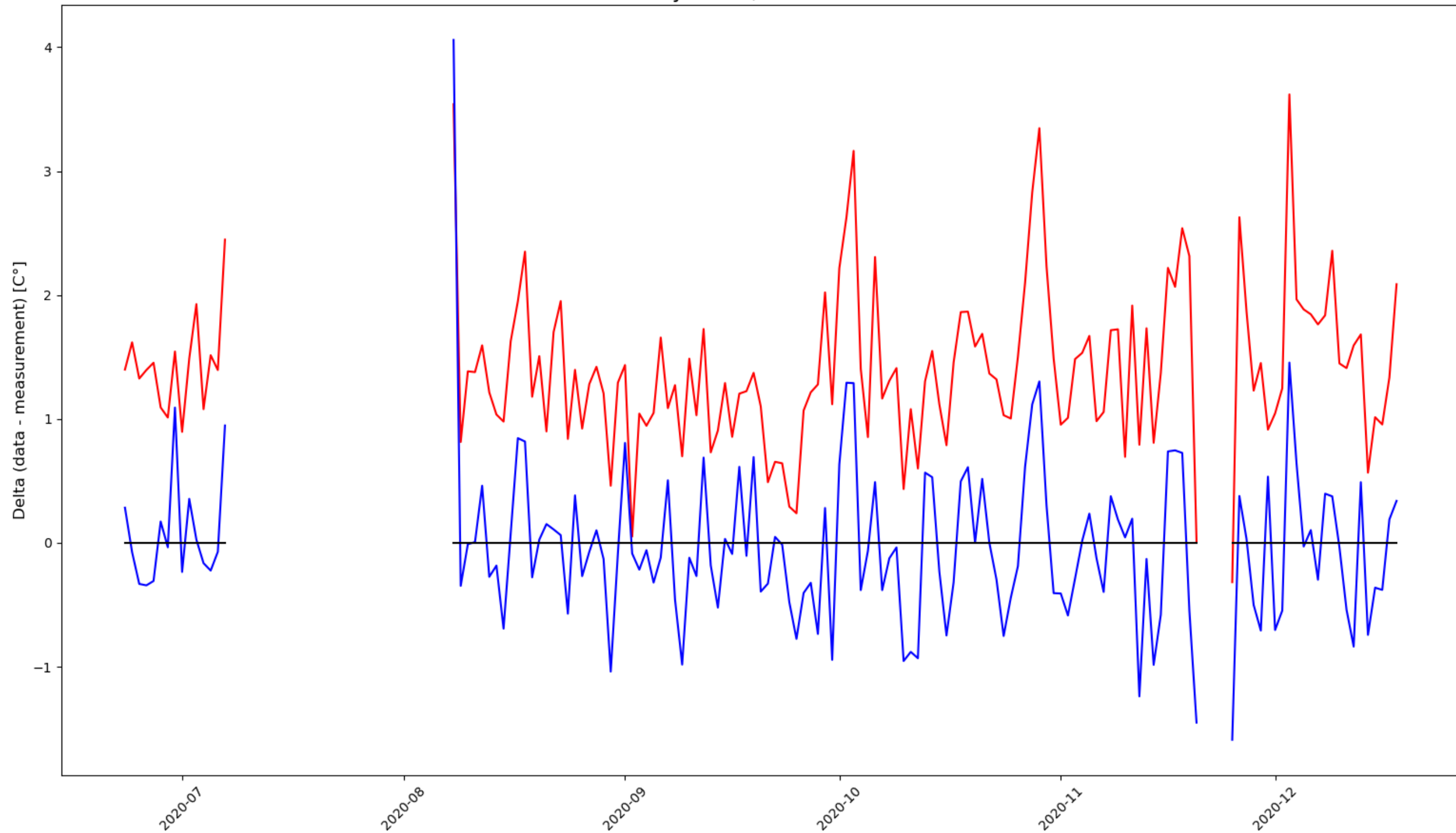


RMSE reconstructed: 0.65 C°
RMSE ERA5 nearest point: 1.54 C°

Correlation reconstructed: 0.786
Correlation ERA5 nearest point: 0.788

— ERA5 nearest point (lon: -60.294, lat: 12.914)
— Reconstructed for validation
— Measurements

Barbados - Daily mean, delta to measurements

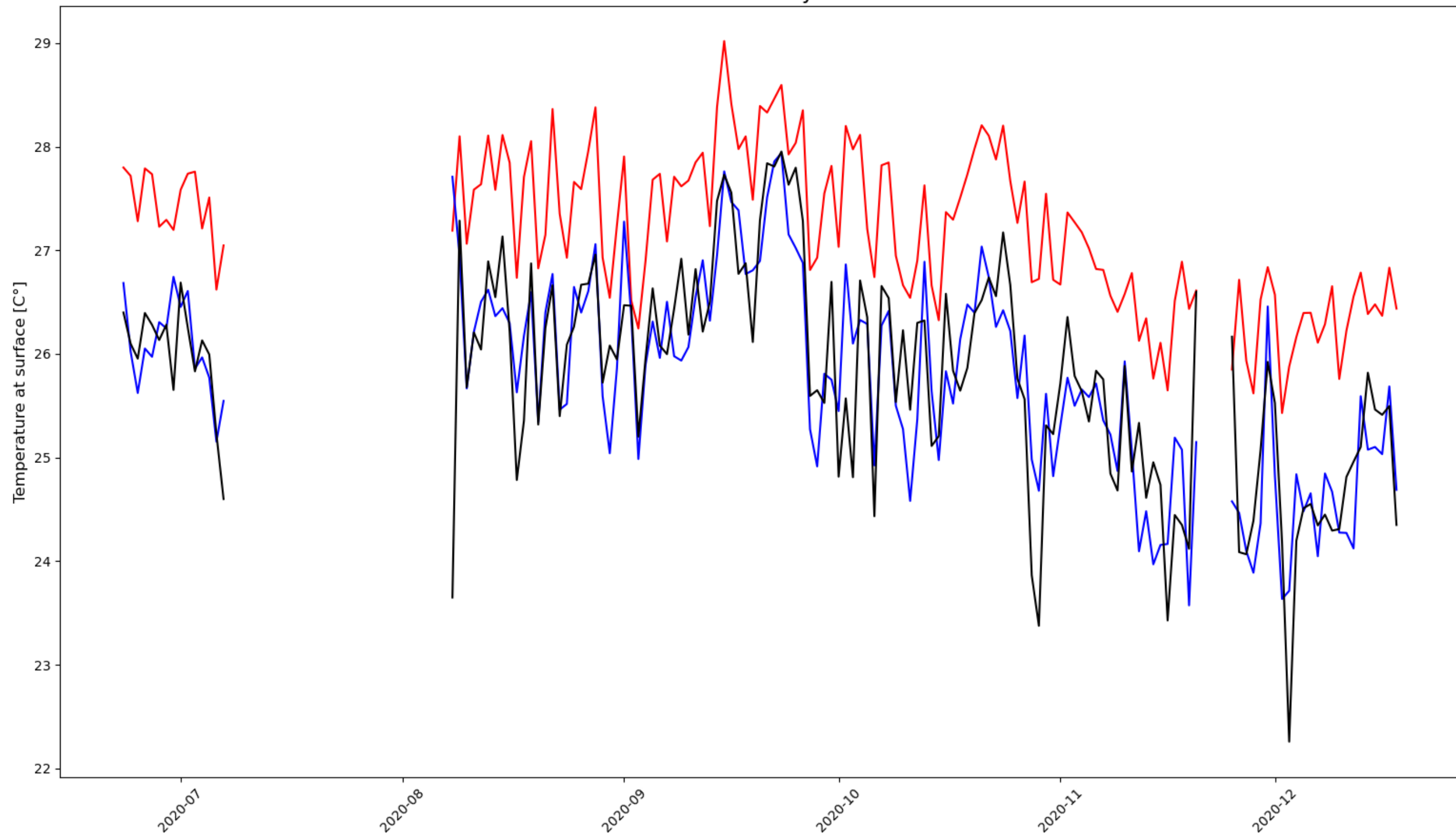


RMSE reconstructed: 0.65 C°
RMSE ERA5 nearest point: 1.54 C°

Correlation reconstructed: 0.786
Correlation ERA5 nearest point: 0.788

ERA5 nearest point (lon: -60.294, lat: 12.914)
Reconstructed for validation
Measurements

Barbados - Daily mean



RMSE reconstructed: 0.12 C°
RMSE ERA5 nearest point: 1.44 C°

Correlation reconstructed: 0.985
Correlation ERA5 nearest point: 0.968

ERA5 nearest point (lon: -60.294, lat: 12.914)
Reconstructed for validation
Measurements

Barbados - Monthly mean

