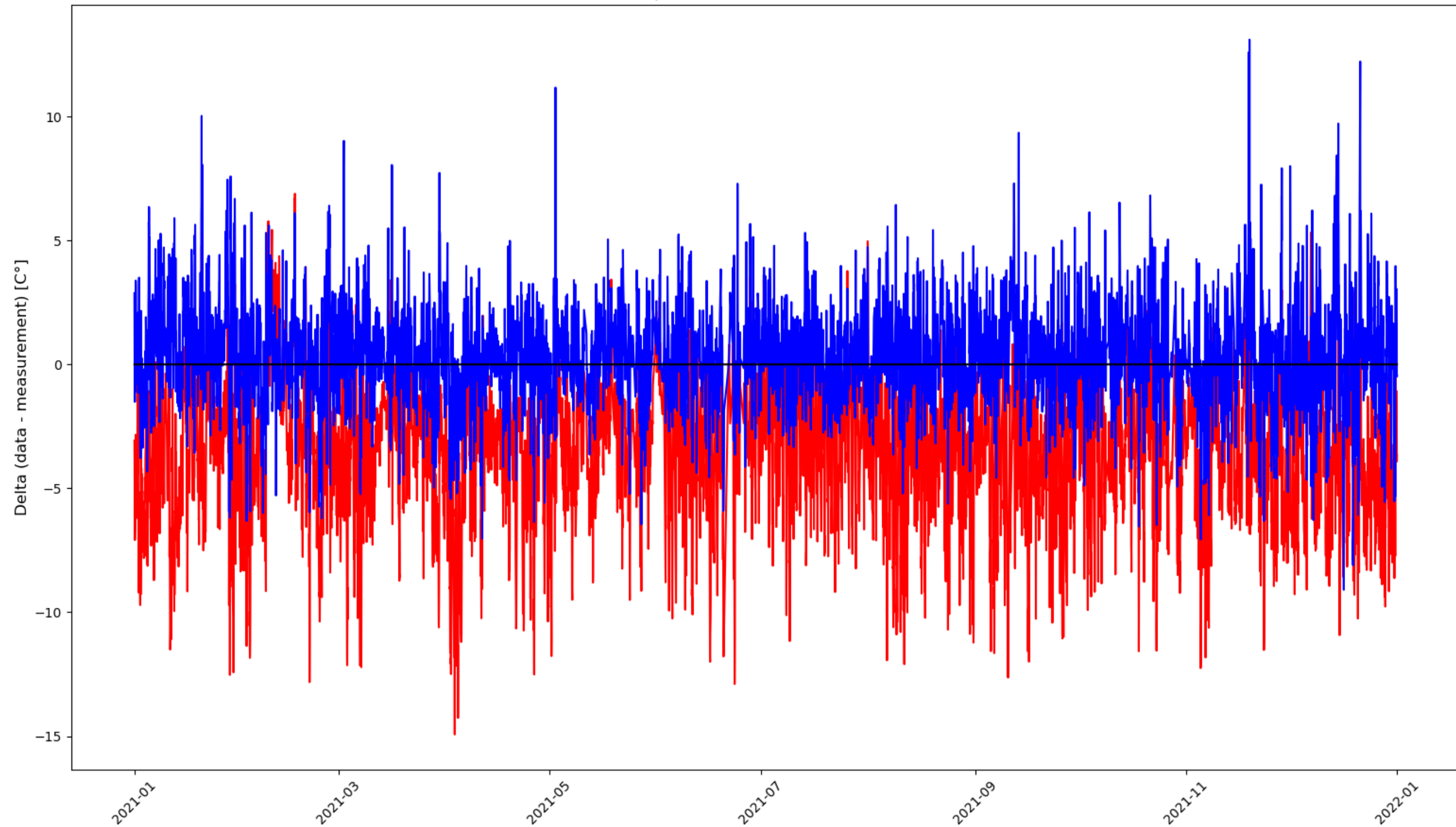


RMSE reconstructed: 2.02 C°
RMSE ERA5 nearest point: 4.56 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

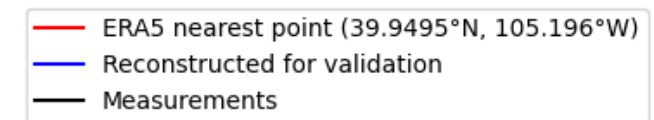
ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall, Difference to Measurements

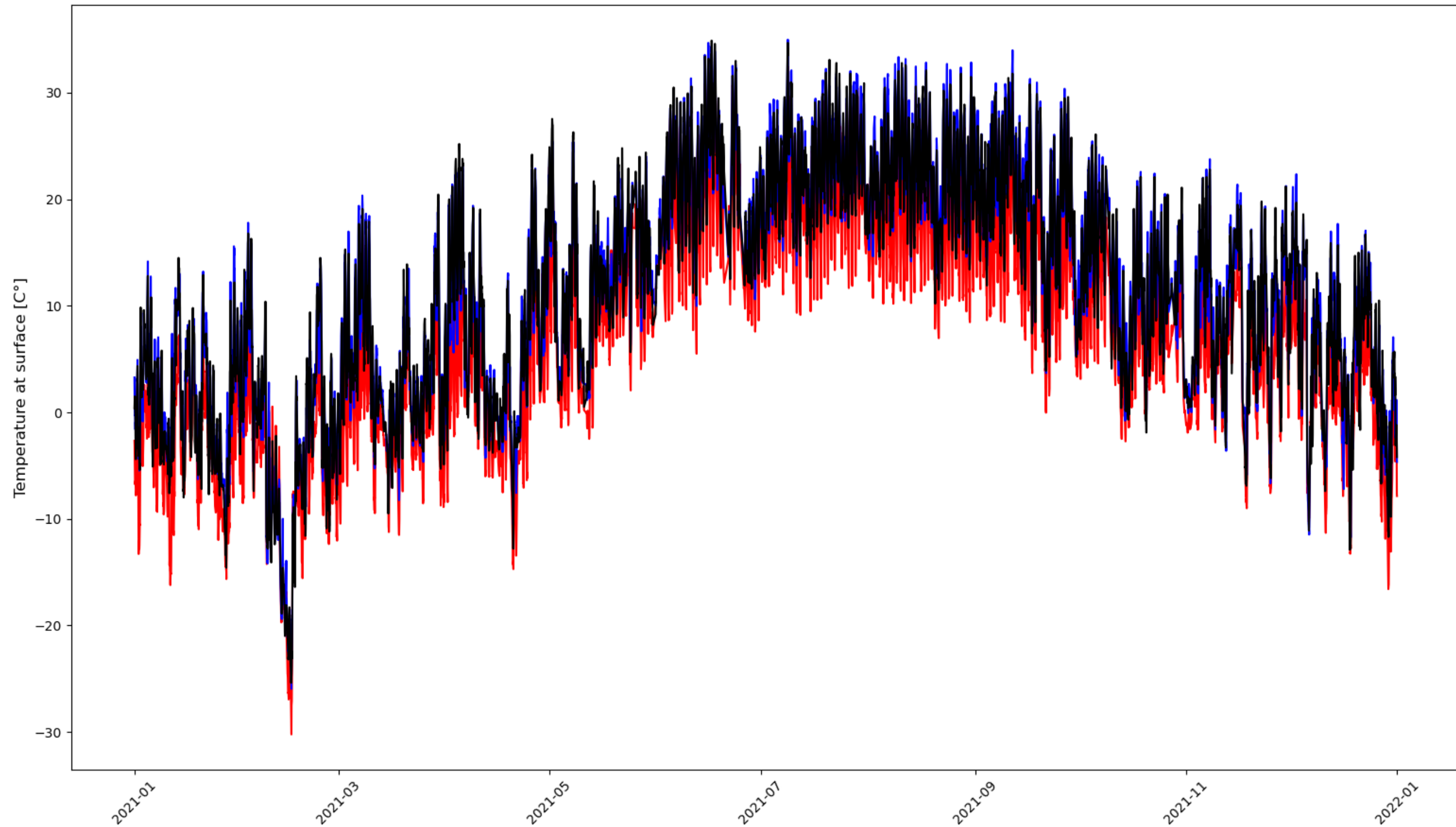


RMSE reconstructed: 2.02 C°
RMSE ERA5 nearest point: 4.56 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965



Marshall

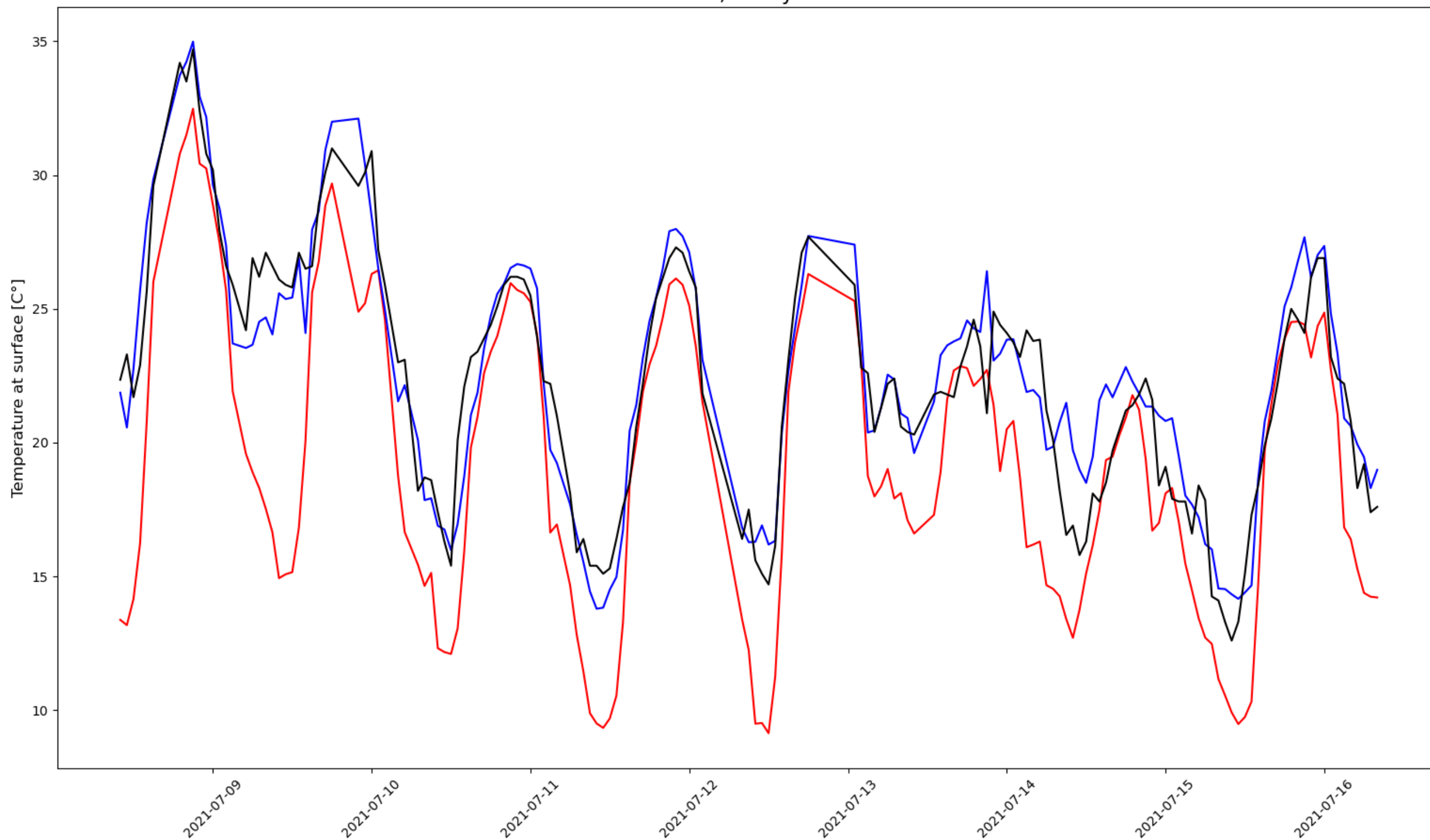


RMSE reconstructed: 1.56 C°
RMSE ERA5 nearest point: 4.16 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

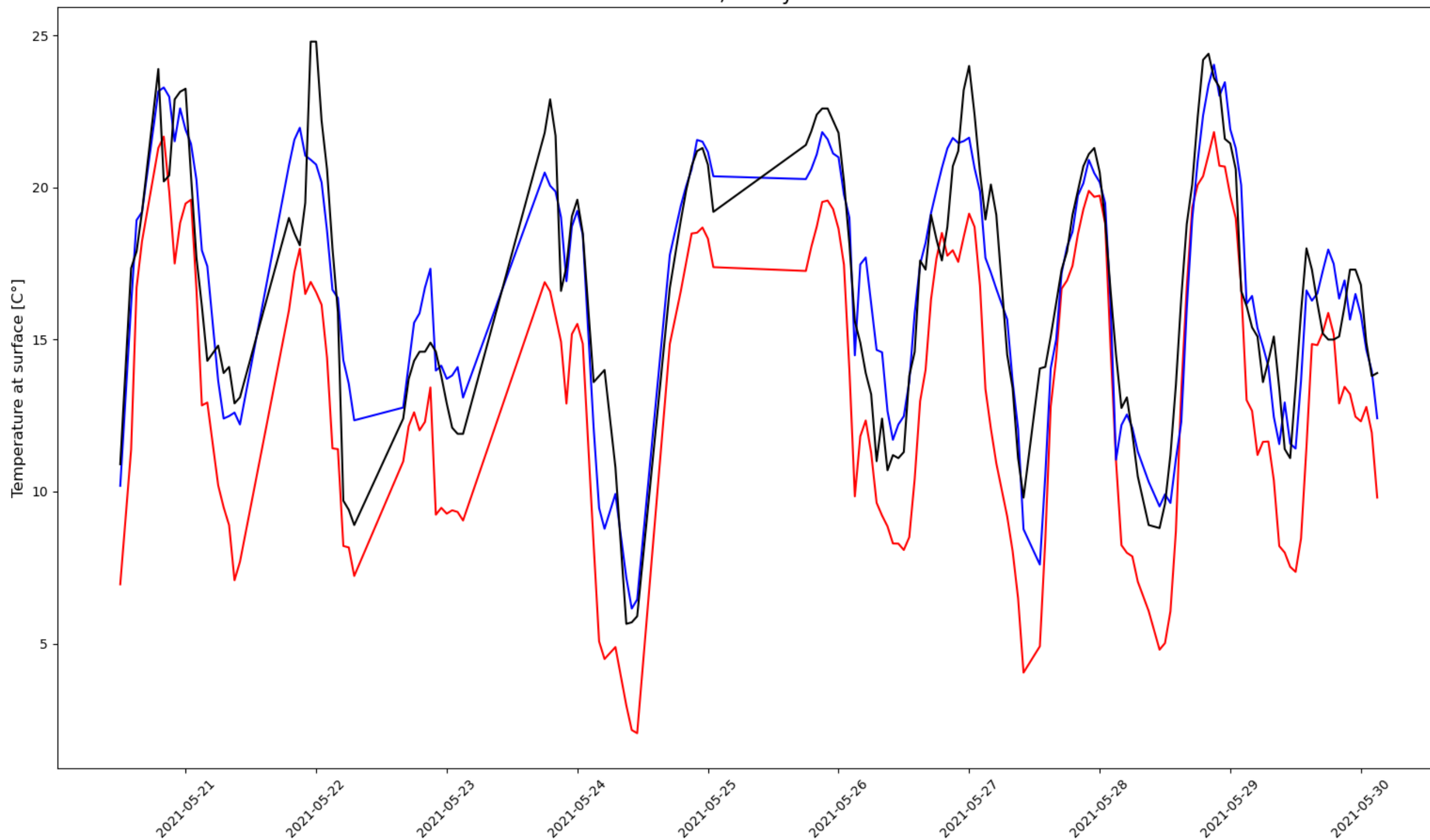


RMSE reconstructed: 1.86 C°
RMSE ERA5 nearest point: 3.89 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

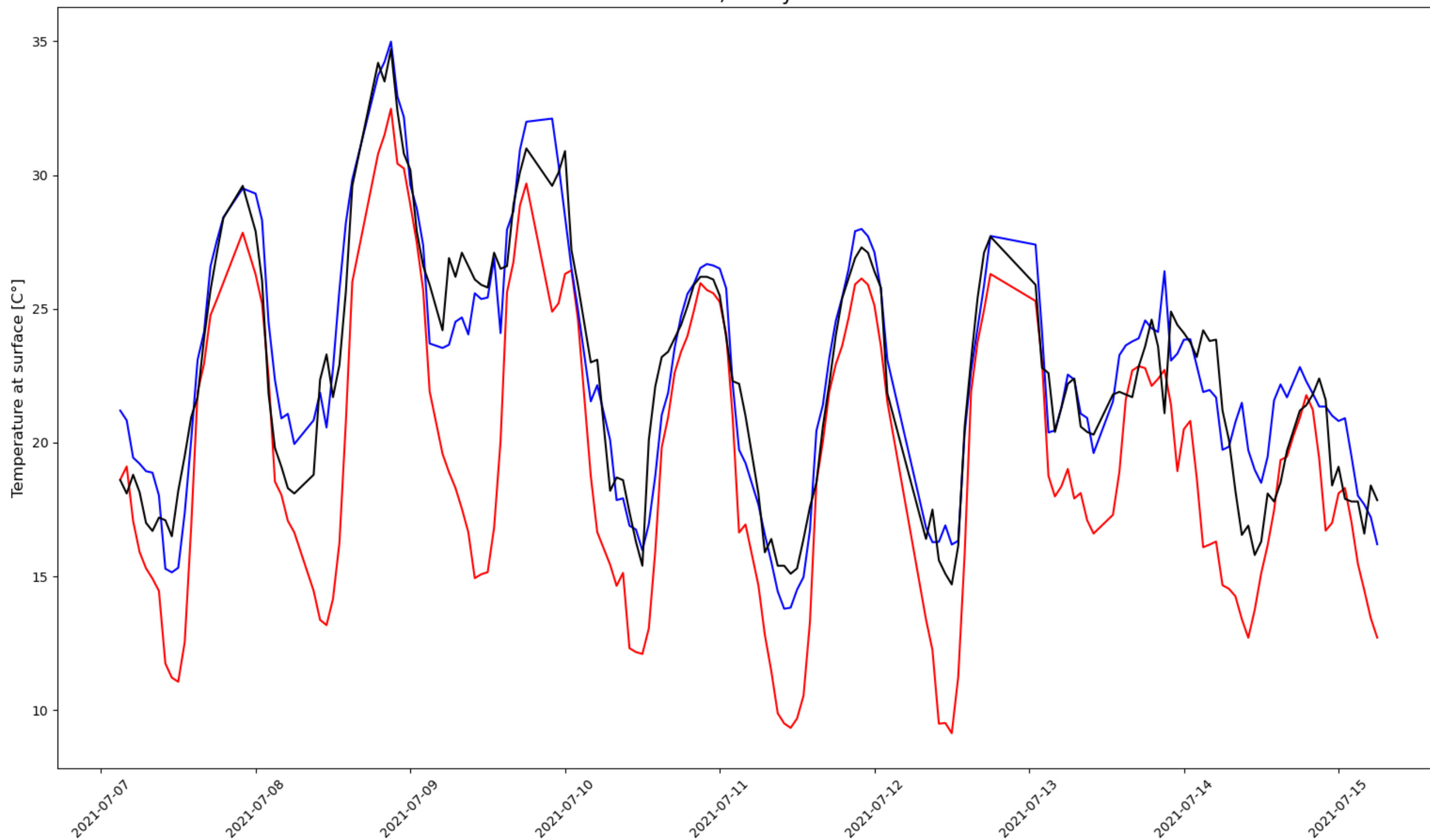


RMSE reconstructed: 1.62 C°
RMSE ERA5 nearest point: 4.15 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

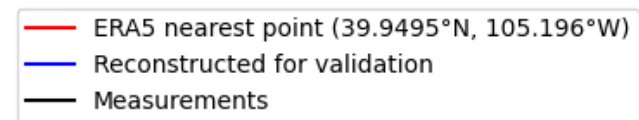
ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

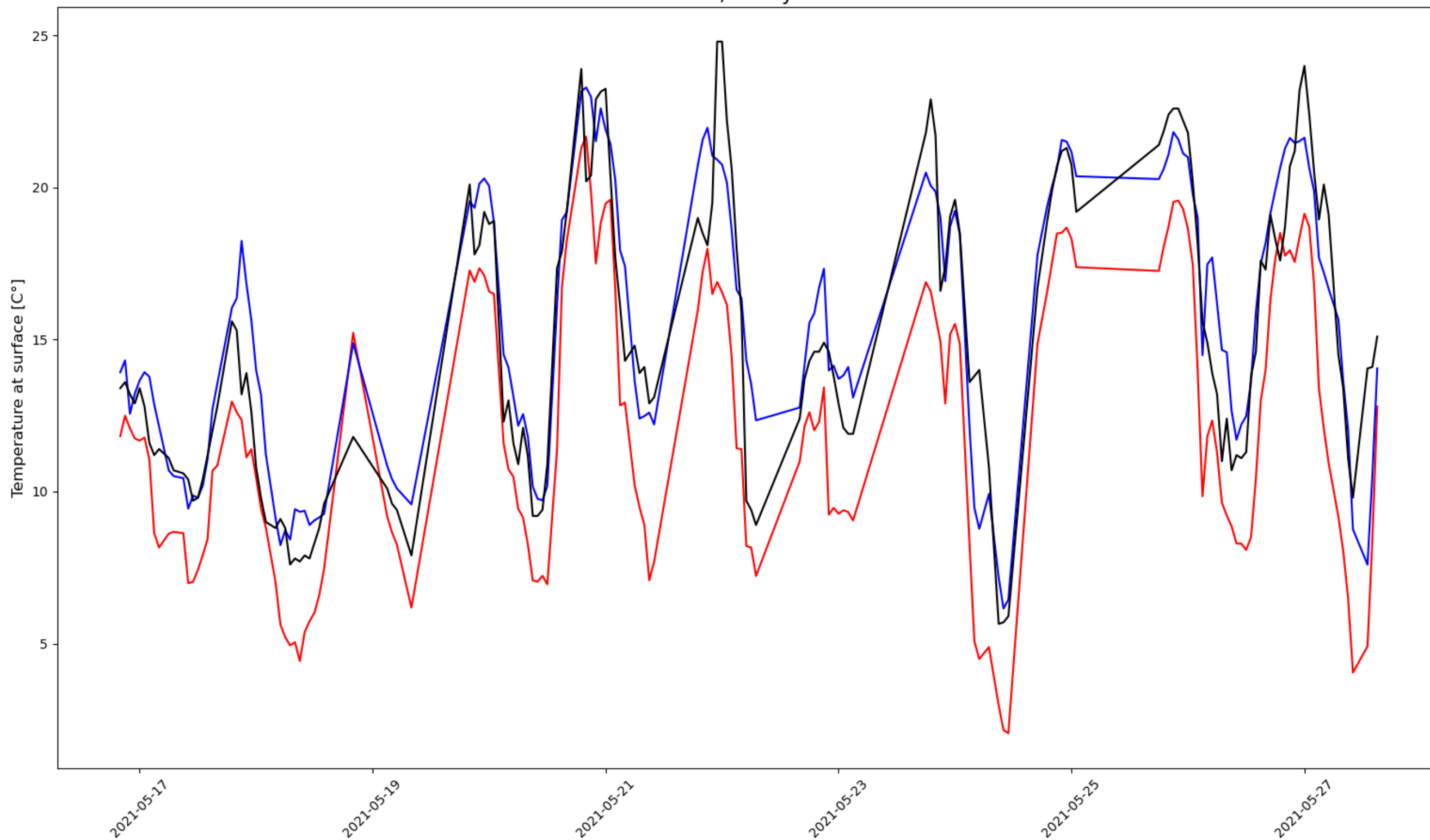


RMSE reconstructed: 1.85 C°
RMSE ERA5 nearest point: 3.61 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965



Marshall, 7 Day Period

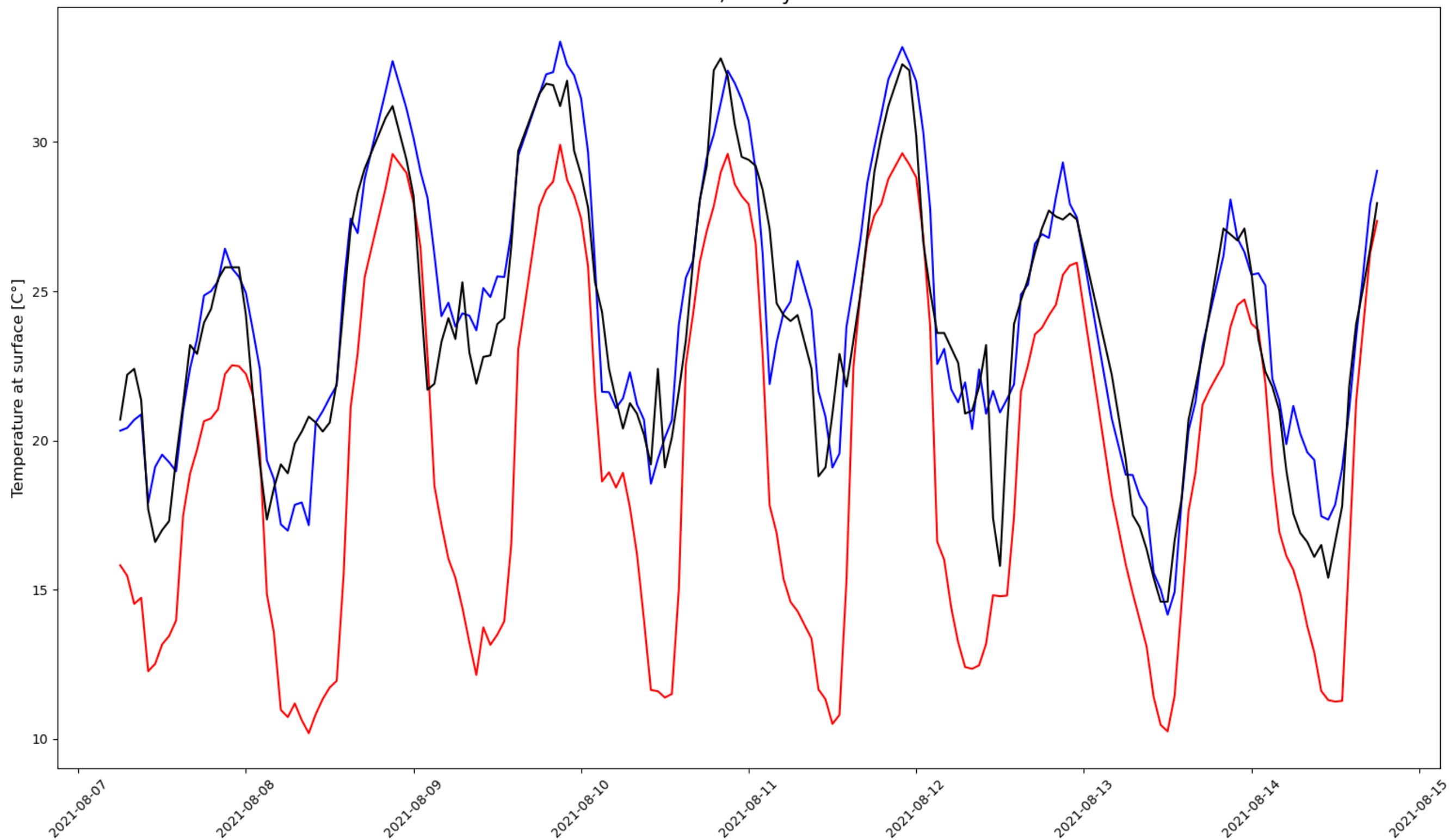


RMSE reconstructed: 1.75 C°
RMSE ERA5 nearest point: 5.54 C°

Correlation reconstructed: 0.982
Correlation ERA5 nearest point: 0.965

ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall, 7 Day Period

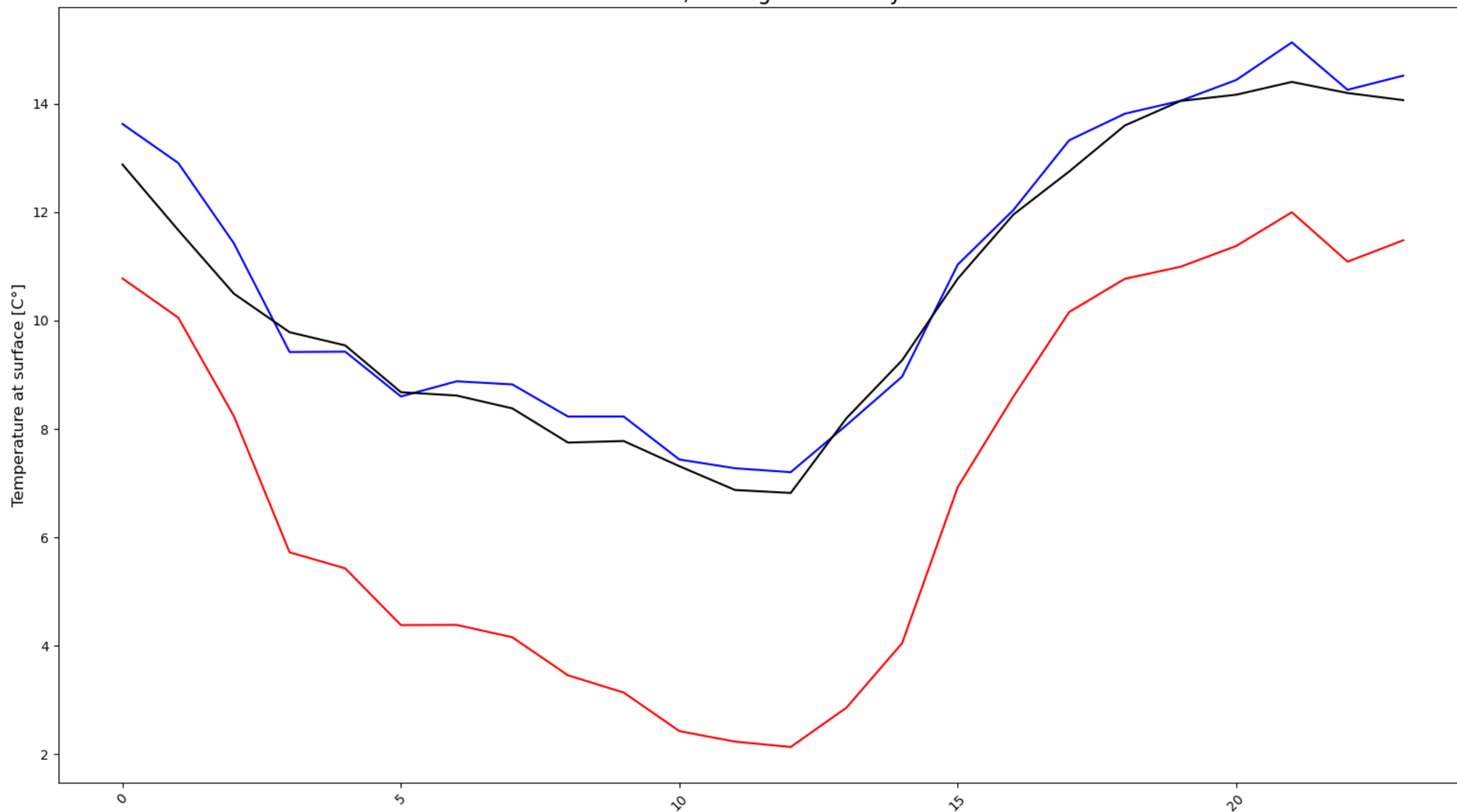


RMSE reconstructed: 0.48 C°
RMSE ERA5 nearest point: 3.78 C°

Correlation reconstructed: 0.991
Correlation ERA5 nearest point: 0.985

ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall, Average Diurnal Cycle

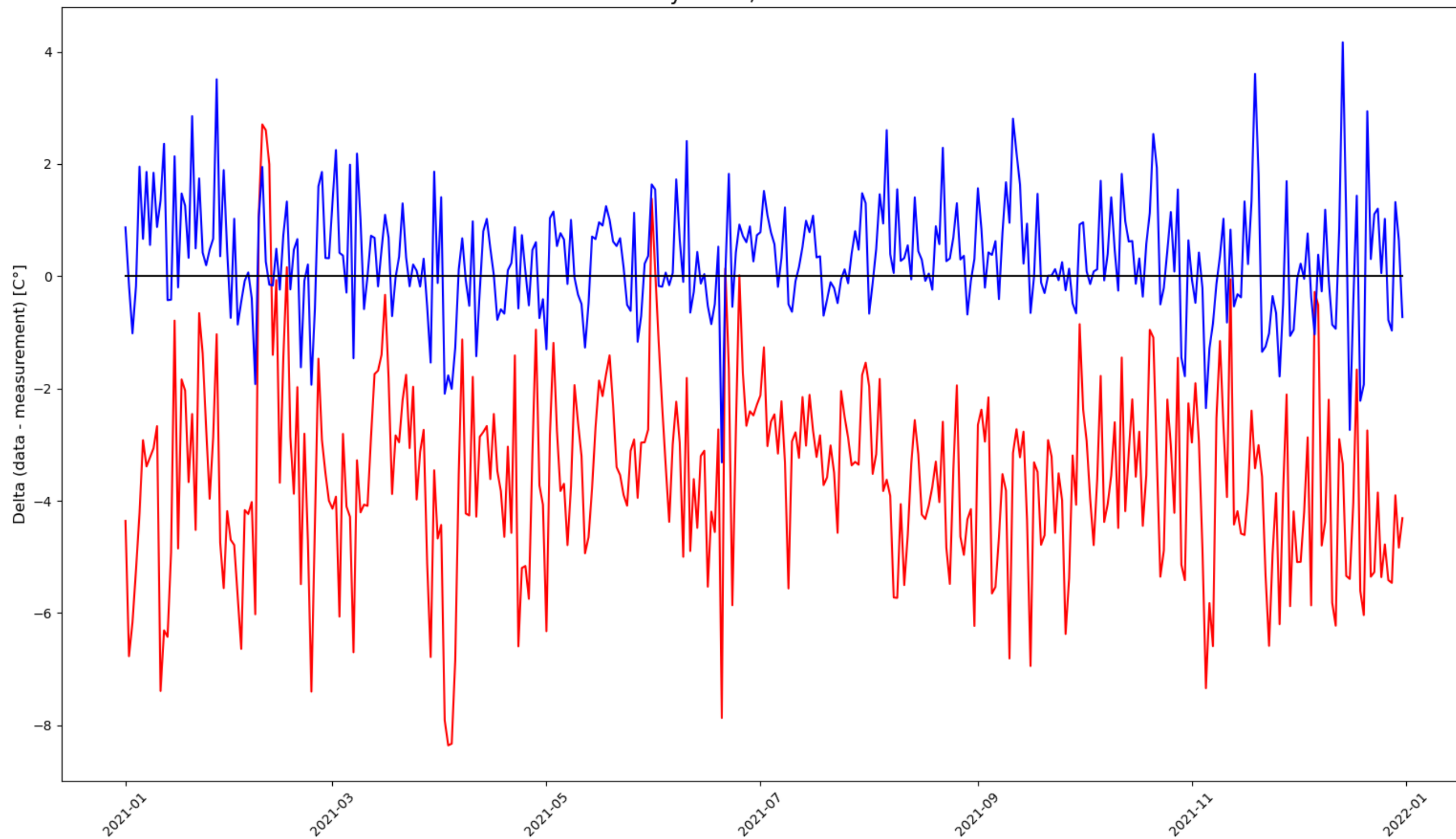


RMSE reconstructed: 1.05 C°
RMSE ERA5 nearest point: 3.95 C°

Correlation reconstructed: 0.995
Correlation ERA5 nearest point: 0.985

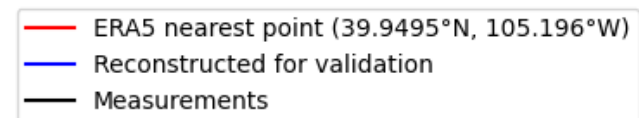
ERA5 nearest point (39.9495°N, 105.196°W)
Reconstructed for validation
Measurements

Marshall - Daily mean, delta to measurements

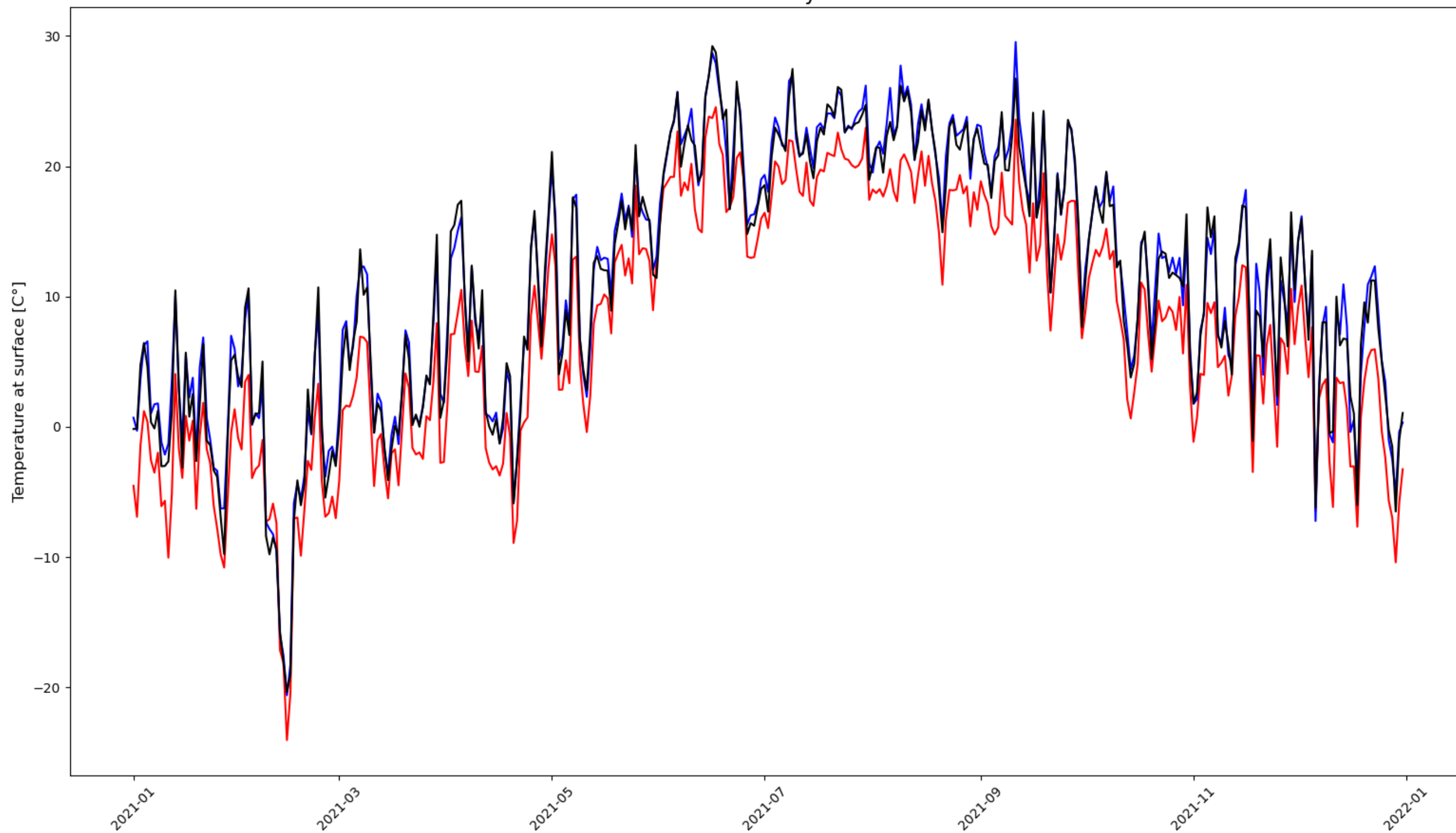


RMSE reconstructed: 1.05 C°
RMSE ERA5 nearest point: 3.95 C°

Correlation reconstructed: 0.995
Correlation ERA5 nearest point: 0.985

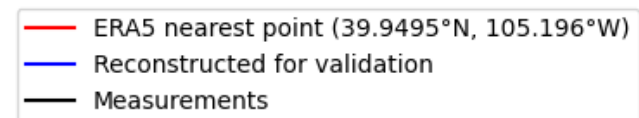


Marshall - Daily mean



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

Correlation reconstructed: 0.999
Correlation ERA5 nearest point: 0.998



Marshall - Monthly mean

