

# Cross-Validation Report

Number of Cross-Validation Splits: 2

Features Used: lat, lon, d15, h\_meas, f15, theta15, N2, e0, e1, e2, e4, e8, e16, e32

Loss function: mse

Batch size: 128

Training time: 0:28:32.123599

Learning rate: 0.0005

Mean Absolute Error:  $1.71 \pm 0.00$

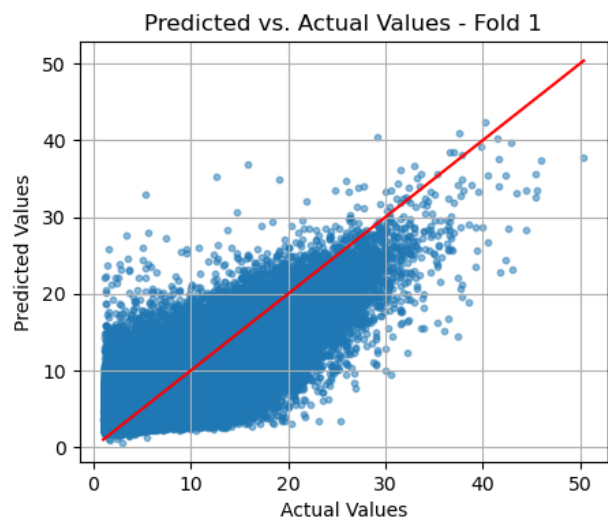
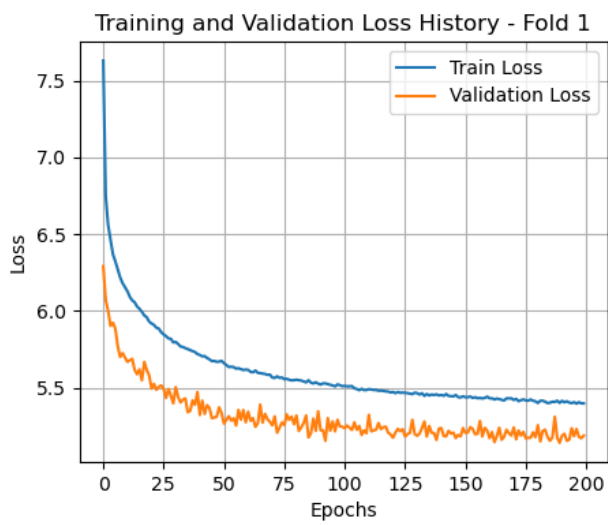
Layered Metrics - Fold 1

Range	MAE	MSE	Samples
0-10	1.50	3.91	467566
10-20	2.46	9.79	102733
20-30	4.79	32.52	5724
30-40	7.55	78.89	265
40-50	10.28	136.53	19
50-inf	12.62	159.20	1

Layered Metrics - Fold 2

Range	MAE	MSE	Samples
0-10	1.51	3.93	467772
10-20	2.43	9.62	102520
20-30	4.77	32.65	5714
30-40	8.46	88.28	274
40-50	14.70	237.83	22
50-inf	22.20	493.94	5

Loss and Predicted vs. Actual Values - Fold 1:



Loss and Predicted vs. Actual Values - Fold 2:

