Cross-Validation Report

Number of Cross-Validation Splits: 2

Features Used: lat, lon, d15, h_meas, f15, theta15, N2, e0, e1, e2

Loss function: mse

Batch size: 128

Training time: 0:30:04.194063
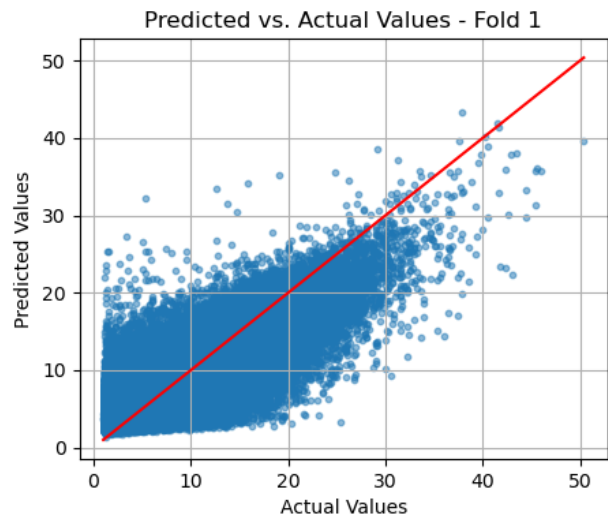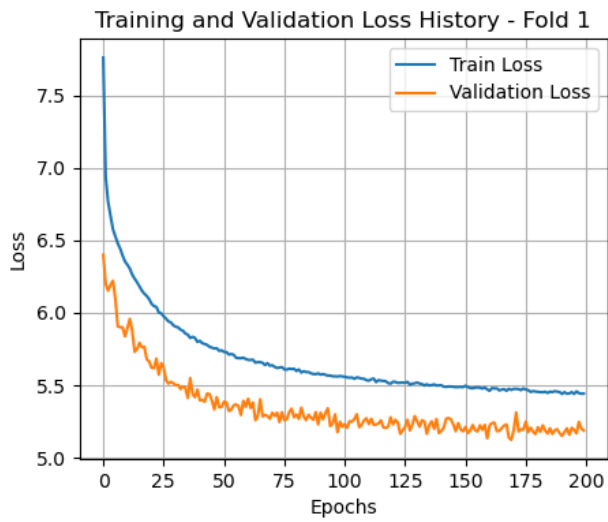
Learning rate: 0.0005

Mean Absolute Error: 1.72 ± 0.00

Layered Metrics - Fold 1

Range	MAE	MSE	Samples
0-10	1.51	3.91	467566
10-20	2.46	9.72	102733
20-30	4.85	33.13	5724
30-40	7.72	81.30	265
40-50	9.42	126.66	19
50-inf	10.84	117.50	1

Layered Metrics - Fold 2

Range	MAE	MSE	Samples
0-10	1.57	4.26	467772
10-20	2.28	8.74	102520
20-30	4.08	26.64	5714
30-40	7.10	68.82	274
40-50	13.10	204.29	22
50-inf	19.40	376.87	5

Loss and Predicted vs. Actual Values - Fold 1:

Training and Validation Loss History - Fold 1

Predicted vs. Actual Values - Fold 1

Loss and Predicted vs. Actual Values - Fold 2:

Training and Validation Loss History - Fold 2

Predicted vs. Actual Values - Fold 2