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

Loss function: mse

Batch size: 128

Training time: 0:01:48.522774
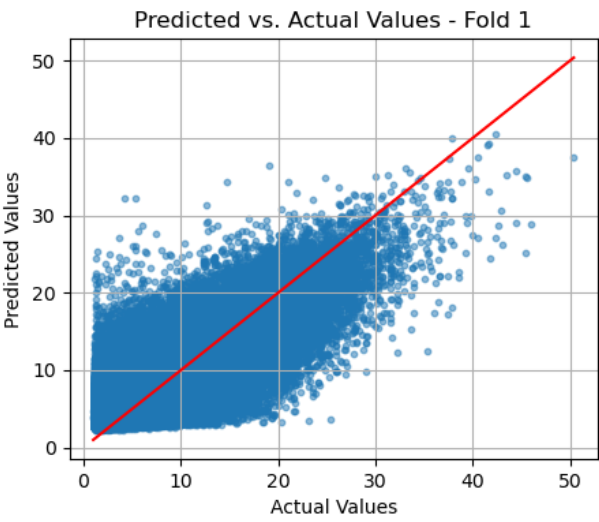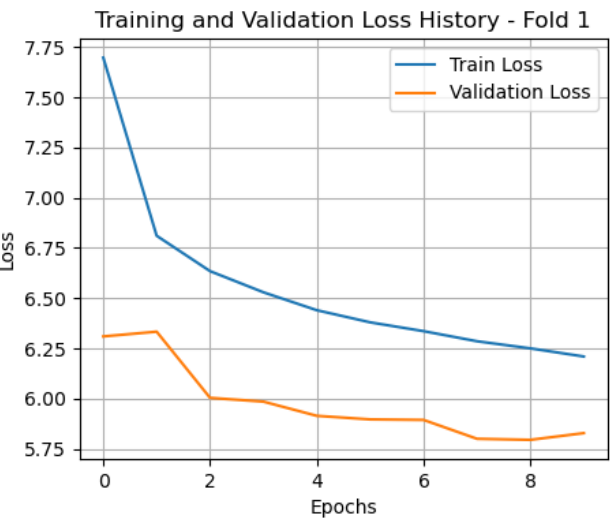
Learning rate: 0.0005

Mean Absolute Error: 1.83 ± 0.02

Layered Metrics - Fold 1

Range	MAE	MSE	Samples
0-10	1.67	4.79	467566
10-20	2.54	10.36	102733
20-30	4.42	29.63	5724
30-40	7.28	73.81	265
40-50	10.72	146.12	19
50-inf	12.86	165.49	1

Layered Metrics - Fold 2

Range	MAE	MSE	Samples
0-10	1.61	4.54	467772
10-20	2.56	10.47	102520
20-30	4.76	32.84	5714
30-40	8.41	87.79	274
40-50	16.25	298.52	22
50-inf	23.91	574.28	5

Loss and 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