

# Cross-Validation Report

Number of Cross-Validation Splits: 2

Features Used: lat, lon, d15, h\_meas, f15, theta15, N2

Loss function: mse

Batch size: 128

Training time: 0:01:39.821803

Learning rate: 0.0005

Mean Absolute Error:  $1.90 \pm 0.01$

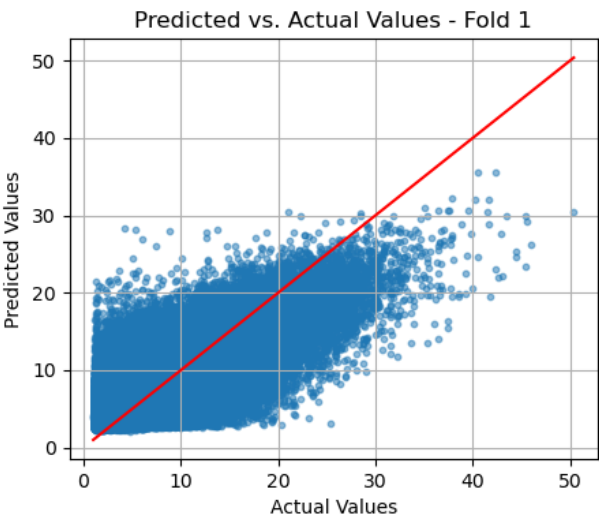
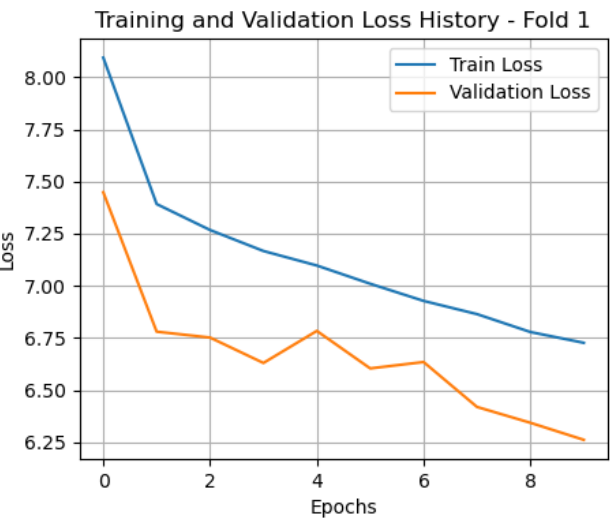
Layered Metrics - Fold 1

Range	MAE	MSE	Samples
0-10	1.64	4.67	467566
10-20	2.77	11.91	102733
20-30	5.76	43.69	5724
30-40	10.47	127.13	265
40-50	15.48	266.90	19
50-inf	20.00	400.13	1

Layered Metrics - Fold 2

Range	MAE	MSE	Samples
0-10	1.65	4.64	467772
10-20	2.84	12.28	102520
20-30	6.27	50.14	5714
30-40	10.96	134.64	274
40-50	18.99	376.89	22
50-inf	26.28	692.86	5

Loss and Predicted vs. Actual Values - Fold 1:



Loss and Predicted vs. Actual Values - Fold 2:

