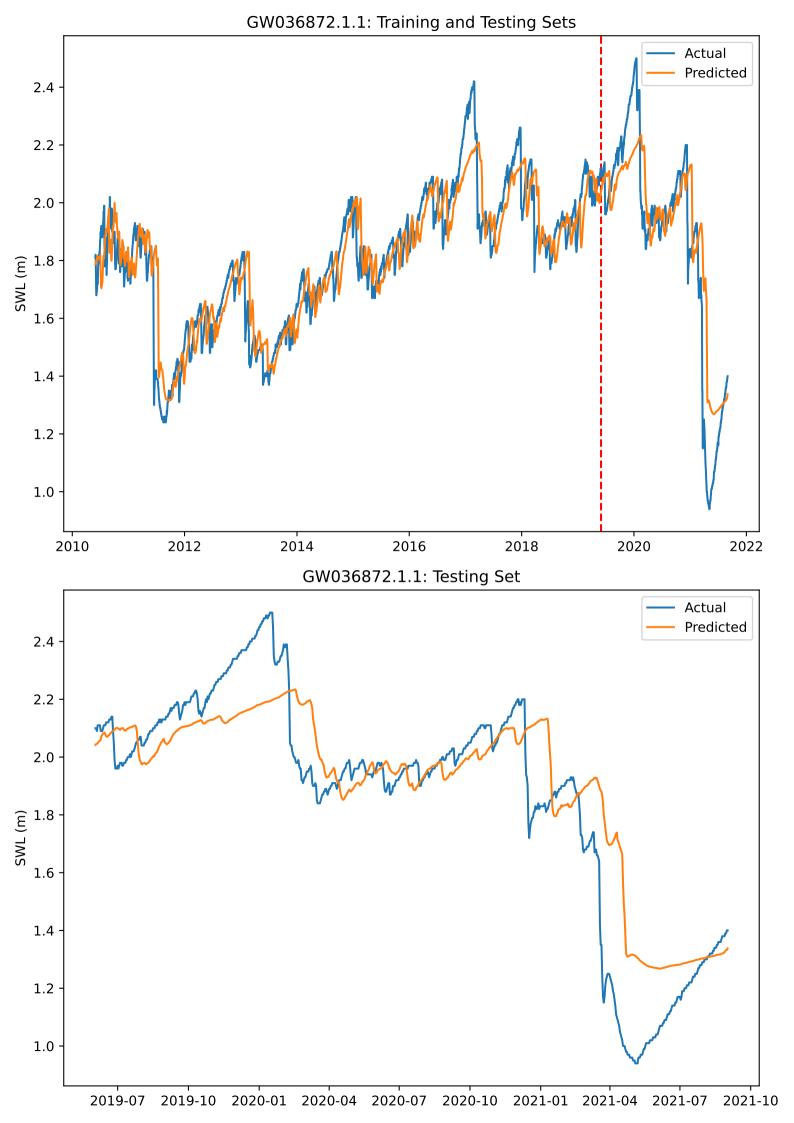
```
<><> Time Stamp <><>
29/06/2022 - 01:19:02
<><> Data Summary <><>
Bore ID: GW036872.1.1
Bore Coordinates: (-30.923963, 153.044423)
Silo Grid Point Coordinates: (-30.9, 153.05)
<><> Code Checks <><>
GWL Date Chronological Order Check: No Error
SILO Date Chronoligical Order Check: No Error
<><> Model Functionality <><>
Input Variables (Daily):
    SWL (m)
Input Time Lags: Current day + 29 proceeding days
Output: SWL (m) in 30 days time
Data Range: 02/04/2010 - 01/09/2021
<><> Hyperparameters <><>
Number of Epochs: 1000
Learning Rate: 0.001
Number of Features in Hidden State: 2
Number of Staked LSTM Layers: 1
Number of Output Classes: 1
Percentage of Data for Training: 80.0%
<><> Model Results <><>
Run Time: 62.73074817657471s
Network Structure:
      (lstm): LSTM(1, 2, batch_first=True)
      (fc_1): Linear(in_features=2, out_features=128, bias=True)
      (fc): Linear(in_features=128, out_features=1, bias=True)
      (relu): ReLU()
Final Training Loss: 0.004047642461955547
Training Set RMSE: 0.09924891085706393
Testing Set RMSE: 0.18436093662778677
Epoch: 0, Loss: 0.55159
Epoch: 100, Loss: 0.02190
Epoch: 200, Loss: 0.02146
Epoch: 300, Loss: 0.02075
Epoch: 400, Loss: 0.01865
Epoch: 500, Loss: 0.01142
Epoch: 600, Loss: 0.00468
Epoch: 700, Loss: 0.00408
Epoch: 800, Loss: 0.00405
Epoch: 900, Loss: 0.00405
```



GW036872.1.1: Training and Testing Sets Actual Predicted 1.0 1.2 1.4 Inverted SWL (m) 1.6 1.8 2.0 2.2 2.4 2018 2020 2012 2014 2016 2022 2010 GW036872.1.1: Testing Set Actual Predicted 1.0 1.2 1.4 Inverted SWL (m) 1.6 1.8 2.0 2.2 2.4 2020-01 2020-10 2019-07 2019-10 2020-04 2020-07 2021-07 2021-10 2021-01 2021-04