Spatial Transfer Learning using 16 months of data( 14 for training and 2 for testing) on base model

And using 2 months of data( 48 days of training and 12 days for testing) on target city(Najafgarh)

Time Lag: 8

Target City: **Najafgarh**

Without TL RMSE**: 13**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Base city | Base RMSE | TL  All layers frozen | TL  CNN+GRU layers trainable,  No frozen layers | TL  GRU layers  frozen  (31-35) |
| AshokVihar | 10.76 | 9.95 | 7.69 | **7.17** |
| DCStadium | 9.28 | 10.84 | 8.34 | 7.63 |
| DTU | 15.16 | 10.62 | 9.02 | 10.48 |
| DwarkaSec8 | 10.8 | 9.15 | **7.21** | 7.54 |
| Nehrunagar | 15.06 | 15.23 | 8.90 | 8.86 |
| Okhla | 9.68 | **8.01** | 9.72 | 7.79 |