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

And using 2 months of data ( 48 days for fine-tuning and 12 days for testing) for target city(Changping)

Target City: **Changping**

Without TL RMSE**: 40.01**

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| --- | --- | --- |
| **Base Model city (Pretrained on)** | **With TL(All layers trainable )** | **With TL(No layer trainable )** |
| Aotizhongxin | 22.95 | 20.41 |
| Guanyuan | 20.01 | 21.14 |
| Dongsi | 20.89 | 23.12 |
| Gucheng | 19.10 | 23.30 |
| Huairou | 21.13 | 21.90 |
| Nongzhanguan | 20.32 | 21.03 |
| Shunyi | 21.57 | 20.06 |
| Tiantan | 20.11 | 22.29 |
| Wanliu | 20.68 | 21.14 |
| Wanshouxigong | 19.80 | 20.92 |
| **Ensemble** | 19.72 | |