

MAE (mm/day): comparison with CPC reconstructed field

|            | n_in=10 | n_in=30            | n_in=50             | n_in=80             | n_in=120            | n_in=200            | n_in=300            | n_in=400            | n_in=600            | n_in=900            | n_in=1300           | n_in=1800           | n_in=2500           |
|------------|---------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| n_out=10   | 0.814   | 0.689 ←<br>(+7.4%) | 0.643 ←<br>(+13.7%) | 0.608 ←<br>(+18.4%) | 0.596 ←<br>(+20.0%) | 0.613 ←<br>(+17.7%) | 0.613 ←<br>(+17.7%) | 0.599 ←<br>(+19.6%) | 0.634 ←<br>(+14.9%) | 0.643 ←<br>(+13.7%) | 0.625 ←<br>(+16.1%) | 0.654 ←<br>(+12.2%) | 0.668 ←<br>(+10.3%) |
| n_out=30   | 1.077   | 0.976              | 0.924 ←<br>(+1.3%)  | 0.886 ←<br>(+5.3%)  | 0.863 ←<br>(+7.8%)  | 0.831 ←<br>(+11.2%) | 0.827 ←<br>(+11.6%) | 0.826 ←<br>(+11.8%) | 0.842 ←<br>(+10.0%) | 0.850 ←<br>(+9.1%)  | 0.850 ←<br>(+9.2%)  | 0.873 ←<br>(+6.8%)  | 0.877 ←<br>(+6.3%)  |
| n_out=50   | 1.171   | 1.081              | 1.043               | 1.010 ←<br>(+0.5%)  | 0.986 ←<br>(+2.9%)  | 0.957 ←<br>(+5.7%)  | 0.954 ←<br>(+6.0%)  | 0.951 ←<br>(+6.3%)  | 0.953 ←<br>(+6.1%)  | 0.960 ←<br>(+5.4%)  | 0.973 ←<br>(+4.1%)  | 0.987 ←<br>(+2.7%)  | 0.995 ←<br>(+2.0%)  |
| n_out=80   | 1.228   | 1.151              | 1.115               | 1.088               | 1.066               | 1.046 ←<br>(+1.6%)  | 1.043 ←<br>(+1.9%)  | 1.046 ←<br>(+1.6%)  | 1.054 ←<br>(+0.9%)  | 1.055 ←<br>(+0.8%)  | 1.060 ←<br>(+0.3%)  | 1.063               | 1.067               |
| n_out=120  | 1.281   | 1.201              | 1.174               | 1.143               | 1.130               | 1.112               | 1.113               | 1.127               | 1.135               | 1.140               | 1.148               | 1.153               | 1.153               |
| n_out=200  | 1.320   | 1.251              | 1.217               | 1.203               | 1.183               | 1.175               | 1.181               | 1.202               | 1.229               | 1.240               | 1.248               | 1.256               | 1.250               |
| n_out=300  | 1.339   | 1.273              | 1.252               | 1.222               | 1.225               | 1.216               | 1.231               | 1.260               | 1.296               | 1.329               | 1.329               | 1.324               | 1.318               |
| n_out=400  | 1.347   | 1.286              | 1.259               | 1.240               | 1.233               | 1.244               | 1.253               | 1.278               | 1.330               | 1.352               | 1.365               | 1.363               | 1.353               |
| n_out=600  | 1.356   | 1.298              | 1.274               | 1.261               | 1.249               | 1.262               | 1.283               | 1.301               | 1.346               | 1.371               | 1.375               | 1.377               | 1.363               |
| n_out=900  | 1.360   | 1.306              | 1.286               | 1.264               | 1.260               | 1.262               | 1.282               | 1.293               | 1.327               | 1.349               | 1.358               | 1.358               | 1.351               |
| n_out=1300 | 1.374   | 1.325              | 1.299               | 1.296               | 1.273               | 1.266               | 1.283               | 1.291               | 1.314               | 1.343               | 1.332               | 1.347               | 1.334               |
| n_out=1800 | 1.382   | 1.342              | 1.316               | 1.295               | 1.288               | 1.279               | 1.281               | 1.290               | 1.313               | 1.326               | 1.336               | 1.336               | 1.338               |
| n_out=2500 | 1.412   | 1.367              | 1.348               | 1.334               | 1.327               | 1.311               | 1.294               | 1.302               | 1.323               | 1.336               | 1.338               | 1.349               | 1.357               |