|  |  |  |
| --- | --- | --- |
| orig | real | wrf |
| 1 | real    0m33.989s  user    0m12.445s  sys     0m1.332s | real    29m12.136s  user    0m15.221s  sys     0m1.600s |
| 2 | real    0m40.283s  user    0m12.501s  sys     0m1.392s | real    32m39.909s  user    0m15.037s  sys     0m1.600s |
| 3 | real    1m37.185s  user    0m13.069s  sys     0m4.156s | real    31m7.785s  user    0m14.997s  sys     0m5.032s |
| avg | real | real      30m59.943s |

iobuf

|  |  |  |
| --- | --- | --- |
| iobuf | real | wrf |
| 1 | real    0m37.746s  user    0m12.517s  sys     0m1.452s | real    28m46.941s  user    0m14.969s  sys     0m1.592s |
| 2 | real    0m34.474s  user    0m12.613s  sys     0m1.248s | real    28m28.355s  user    0m15.025s  sys     0m1.484s |
| 3 | real    0m38.179s  user    0m12.497s  sys     0m1.380s | real    28m38.706s  user    0m15.101s  sys     0m1.456s |
| avg |  | real      28m38s |

Performance is improved by ~8% using iobuf.