

```
#####
#####JOB RESUME NO OPTIMIZED!#####
Executable: /fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/ifsMASTER <unknown args>
Nprocs (-n): 256
JOB ID: 050302
Start Time: Fri Jan 2 09:37:17 2015
End Time: Fri Jan 2 10:19:16 2015
Run Time: 2520
```

SHOW INFO:

- Showing 10 most expensive IO files per task
- Showing files with more than 5.0 seconds of Meta + Read + Write time , you can change it using --threshold=N.N
- Considering shared files those that have been accessed by 4 or more ranks

#####

Report File per task data

(threshold is 5.0 seconds of Meta + Read + Write time, you can change it using --threshold=N.N)
(the table is just showing the 10 most expensive files per rank, use --extended to see them all)

rank	opens	stats	seeks	File size	Meta time	Read time	MB	MB/s	Write time	MB	MB/s	Filename
0	1	4	95	379.4	0.0	21.5	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
0	1	4	122	444.4	0.1	13.8	464.0	33.6	-	-	-	restart.nc
0	1	4	41	163.8	0.0	9.0	163.8	18.2	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
0	11	66	0	6.4	0.1	5.7	66.0	11.7	-	-	-	O3CHEM01_V2.9
0	1	0	0	Unknown	0.0	5.5	1551.5	281.0	-	-	-	ICMGg8v1INIUA
1	1	4	95	379.4	0.0	21.6	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
1	1	4	122	444.4	0.1	14.7	464.0	31.7	-	-	-	restart.nc
1	1	4	41	163.8	0.0	9.0	163.8	18.1	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
2	1	4	95	379.4	0.0	21.6	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
2	1	4	122	444.4	0.1	14.7	464.0	31.7	-	-	-	restart.nc
2	1	4	41	163.8	0.0	9.0	163.8	18.1	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
3	1	4	95	379.4	0.0	21.5	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
3	1	4	122	444.4	0.1	14.7	464.0	31.6	-	-	-	restart.nc
3	1	4	41	163.8	0.0	9.0	163.8	18.1	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
4	1	4	95	379.4	0.0	21.5	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
4	1	4	122	444.4	0.1	14.6	464.0	31.7	-	-	-	restart.nc
4	1	4	41	163.8	0.0	9.0	163.8	18.2	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
5	1	4	95	379.4	0.0	21.5	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
5	1	4	122	444.4	0.1	14.6	464.0	31.7	-	-	-	restart.nc
5	1	4	41	163.8	0.0	9.0	163.8	18.2	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
6	1	4	95	379.4	0.0	21.5	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
6	1	4	122	444.4	0.1	14.6	464.0	31.7	-	-	-	restart.nc
6	1	4	41	163.8	0.0	9.0	163.8	18.2	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
7	1	4	95	379.4	0.0	21.5	379.4	17.6	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
7	1	4	122	444.4	0.1	13.8	464.0	33.6	-	-	-	restart.nc
7	1	4	41	163.8	0.0	9.0	163.8	18.2	-	-	-	remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
10	1	4	122	444.4	0.1	19.3	464.0	24.1	-	-	-	restart.nc
...												
254	1	4	95	379.4	0.0	10.2	379.4	37.4	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
254	1	4	41	163.5	0.0	7.2	163.5	22.7	-	-	-	remap_511_3_mask_to_orcal_z42_mask_V_L1.nc
255	1	4	95	379.4	0.0	10.2	379.4	37.4	-	-	-	remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
255	1	4	124	444.4	0.1	9.5	468.4	49.2	-	-	-	restart.nc
255	1	4	41	163.5	0.0	7.2	163.5	22.7	-	-	-	remap_511_3_mask_to_orcal_z42_mask_V_L1.nc

Report aggregated per MPI task

rank	opens	stats	seeks	Meta time	Read time	MB	MB/s	Write time	MB	MB/s
0	133	497	2122	8.6	91.0	4887.5	53.7	3.0	1173.5	393.2
1	66	241	1162	3.8	69.1	1820.0	26.3	0.2	23.6	155.5
2	66	241	1162	3.9	68.8	1820.0	26.5	0.2	23.6	145.2
3	66	241	1162	3.8	68.9	1820.0	26.4	0.2	23.6	134.2
4	66	241	1162	4.1	68.7	1820.0	26.5	0.2	23.6	100.5
5	66	241	1162	4.1	68.8	1820.0	26.5	0.2	23.6	123.2
6	66	241	1162	4.1	68.8	1820.0	26.5	0.1	23.6	188.7
7	66	241	1162	4.1	67.6	1820.0	26.9	0.2	23.6	137.6
8	66	241	1162	4.3	71.7	1820.0	25.4	0.2	22.6	136.4
9	66	241	1162	4.0	72.3	1820.0	25.2	0.2	22.6	101.2
10	66	241	1162	4.1	72.3	1820.0	25.2	0.3	22.6	81.1
11	66	241	1162	4.0	72.3	1820.0	25.2	0.4	22.6	54.0
12	66	241	1162	3.9	72.4	1820.0	25.2	0.3	22.6	87.2
13	66	241	1162	4.0	72.3	1820.0	25.2	0.2	22.6	139.0
14	66	241	1162	3.8	72.3	1820.0	25.2	0.6	22.6	38.5
15	66	241	1162	3.9	72.3	1820.0	25.2	0.2	23.6	153.7
16	70	245	1355	7.9	65.4	1820.0	27.8	2.7	1155.6	424.3
...										
225	66	241	1164	4.0	68.5	1824.4	26.6	0.2	21.3	111.8
226	66	241	1164	4.0	68.9	1824.4	26.5	0.2	21.3	90.3
227	66	241	1164	3.8	68.9	1824.4	26.5	0.2	21.3	99.9
228	66	241	1164	4.1	68.8	1824.4	26.5	0.2	21.3	124.4
229	66	241	1164	4.1	68.8	1824.4	26.5	0.2	21.3	108.8
230	66	241	1164	4.0	68.5	1824.4	26.6	0.2	21.3	92.8
231	66	241	1164	4.0	67.0	1824.4	27.2	0.2	21.3	111.9
232	66	241	1164	3.9	67.2	1824.4	27.1	0.2	20.4	112.3
233	66	241	1164	4.0	68.6	1824.4	26.6	0.2	20.4	118.0
234	66	241	1164	4.0	69.6	1824.4	26.2	0.2	20.4	89.5
235	66	241	1164	3.7	69.9	1824.4	26.1	0.4	20.4	51.4
236	66	241	1164	4.0	69.8	1824.4	26.1	0.2	20.4	121.5
237	66	241	1164	4.0	69.6	1824.4	26.2	0.2	20.4	130.2
238	66	241	1164	4.1	68.6	1824.4	26.6	0.2	20.4	84.7
239	66	241	1164	4.0	67.2	1824.4	27.1	0.2	21.3	110.7
240	70	245	1334	4.9	64.0	1824.4	28.5	2.3	943.5	416.4
241	66	241	1164	4.0	65.1	1824.4	28.0	0.4	22.5	57.9
242	66	241	1164	3.8	65.9	1824.4	27.7	0.5	22.5	43.0
243	66	241	1164	3.7	65.9	1824.4	27.7	0.5	22.5	41.9
244	66	241	1164	4.0	65.8	1824.4	27.7	0.3	22.5	82.5
245	66	241	1164	4.0	65.9	1824.4	27.7	0.2	22.5	128.6
246	66	241	1164	4.1	65.0	1824.4	28.1	0.1	22.5	244.6
247	66	241	1164	4.1	64.0	1824.4	28.5	0.4	22.5	53.3
248	66	241	1164	3.6	49.0	1824.4	37.2	0.2	21.5	120.0
249	66	241	1164	3.4	50.3	1824.4	36.3	0.5	21.5	43.1
250	66	241	1164	3.6	51.3	1824.4	35.5	0.2	21.5	126.0
251	66	241	1164	3.5	51.6	1824.4	35.4	0.1	21.5	182.6
252	66	241	1164	3.7	51.5	1824.4	35.4	0.1	21.5	252.9
253	66	241	1164	3.7	51.3	1824.4	35.5	0.2	21.5	92.0
254	66	241	1164	3.7	50.3	1824.4	36.2	0.2	21.5	98.3
255	66	241	1164	3.6	49.0	1824.4	37.3	0.2	22.5	139.0

Summary of all IO

2427 different files
12571 read operations
2379 write operations
22911 opens
301464 seeks
62012 stats
1022 files opened but no read/write action
1020 files stat/seek but not opened

17729.1 read time
95.4 write time
1046.6 meta time
1.3 stat/seek but no open time
66.7 open but no read/write time

469419.7 Mbytes read at 26.5 MB/s
22540.1 Mbytes written at 236.2 MB/s

List of shared files

(Considering shared files those that have been accessed by 4 or more ranks, you can change it using --ntasks=N)

Ranks File

256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/sss.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/wam_namelist
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00010000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/mask_itf.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/ahmcoef
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/bathy_meter.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00040000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00031200
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_511_3_mask_to_orcal_z42_mask_U_L1.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00000000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/runoff_lm_nomask.nc
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_wam_global25_mask_to_orcal_z42_mask_U_L1.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/dirlist
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/geothermal_heating.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/coordinates.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/M2rowdrg.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00080000
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_wam_global25_mask_to_orcal_z42_mask_V_L1.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/data_lm_salinity_nomask.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/namelist
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/wam_subgrid_0
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/wam_subgrid_1
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/wam_subgrid_2
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/wam_grid_tables
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00070000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/data_lm_potential_temperature_nomask.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00061200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00041200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/specwavein

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256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00060000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00091200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00030000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00090000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/cdwavein
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_orcal_z42_mask_T_L1_to_wam_global25_mask.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/namnemowamcoup.in
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_511_3_mask_to_orcal_z42_mask_V_L1.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/K1rowdrg.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/dist.coast.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00050000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/namnemocoup.in
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00051200
16 /fws2/lb/fdb/:rd:waef:g8v1:20140202::/:pf:0000:2:::1:::
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00001200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00081200
256 /fws2/lb/work/rd/sy6/g8v1/data/remap/remap_wam_global25_mask_to_orcal_z42_mask_T_L1.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/ice_cover_y2014m02.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00100000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/sfcwindin
16 /fws2/lb/fdb/:rd:enfo:g8v1:20140202::/:pf:0000:2:::1:::
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/uwavein
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00020000
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00071200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/restart.nc
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00021200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/postins/ppt00011200
256 /lus/snx11064/fws2/lb/work/rd/sy6/g8v1/ENFO/2014020200/mc/002/tmp.g8v1_eps_nemo_main_fc_ensemble_pf_002_legA.modeleps_nemo.10.3929/fort.4

```

Summary of shared files IO

(Considering shared files those that have been accessed by 4 or more ranks, you can change it using --ntasks=N)

```

    59 different files
   12550 read operations
     32 write operations
   14628 opens
   273120 seeks
   57120 stats
    1022 files opened but no read/write action
    1020 files stat/seek but not opened

  17708.4 read time
     0.1 write time
   893.8 meta time
     1.3 stat/seek but no open time
    66.7 open but no read/write time

467202.9 Mbytes read   at   26.4 MB/s
    2.4 Mbytes written at   24.4 MB/s

```

Report of shared files IO

(Considering shared files those that have been accessed by 4 or more ranks, you can change it using --ntasks=N)

rank	opens	stats	seeks	Meta time	Read time	MB	MB/s	Write time	MB	MB/s	
256	256	1024	24320	2.1	5104.4	97121.8	19.0	-	-	-	- remap_orcal_z42_mask_T_L1_to_511_3_mask.nc
256	256	1024	31456	18.5	4182.8	119214.0	28.5	-	-	-	- restart.nc
256	256	1024	10496	10.4	2053.4	41944.4	20.4	-	-	-	- remap_511_3_mask_to_orcal_z42_mask_T_L1.nc
256	256	1024	10496	3.2	1397.1	41844.2	30.0	-	-	-	- remap_511_3_mask_to_orcal_z42_mask_V_L1.nc
256	256	1024	10496	4.9	1054.7	41827.6	39.7	-	-	-	- remap_511_3_mask_to_orcal_z42_mask_U_L1.nc
256	256	1024	6656	4.9	788.6	25878.3	32.8	-	-	-	- remap_orcal_z42_mask_T_L1_to_wam_global25_mask.nc
256	512	2048	768	392.2	254.2	2882.4	11.3	-	-	-	- ice_cover_y2014m02.nc
256	256	1024	5120	2.2	526.5	19527.9	37.1	-	-	-	- remap_wam_global25_mask_to_orcal_z42_mask_V_L1.nc
256	256	1024	5120	6.4	517.3	19525.0	37.7	-	-	-	- remap_wam_global25_mask_to_orcal_z42_mask_U_L1.nc
256	256	1024	5120	8.3	487.6	19545.4	40.1	-	-	-	- remap_wam_global25_mask_to_orcal_z42_mask_T_L1.nc
256	256	1024	2304	7.8	442.8	9084.1	20.5	-	-	-	- dist.coast.nc
256	256	1024	2304	1.8	315.7	9216.0	29.2	-	-	-	- data_lm_potential_temperature_nomask.nc
256	256	1024	1024	8.5	259.0	4096.0	15.8	-	-	-	- coordinates.nc
256	256	1024	2304	2.9	180.4	9216.0	51.1	-	-	-	- data_lm_salinity_nomask.nc
256	256	1024	256	9.9	45.1	309.8	6.9	-	-	-	- Klrowdrg.nc
256	256	768	9472	1.4	30.8	403.7	13.1	-	-	-	- namelist
256	512	2048	512	14.5	17.4	2048.0	117.9	-	-	-	- runoff_lm_nomask.nc
256	256	1024	256	11.5	11.8	310.1	26.2	-	-	-	- geothermal_heating.nc
256	256	1024	256	5.1	17.3	1024.0	59.1	-	-	-	- sss.nc
256	256	768	0	22.2	0.0	0.1	4.1	-	-	-	- namnemocoup.in
256	256	768	0	19.6	0.0	0.3	16.4	-	-	-	- ppt00071200
256	256	768	0	18.9	0.1	0.3	3.2	-	-	-	- ppt00090000
256	256	768	0	18.2	0.0	0.3	16.6	-	-	-	- ppt00031200
256	256	2048	0	17.5	-	-	-	-	-	-	- wam_subgrid_0
256	256	2048	0	17.4	-	-	-	-	-	-	- wam_subgrid_1
256	256	2048	0	15.6	1.4	477.1	343.3	-	-	-	- wam_subgrid_2
256	256	2048	0	16.4	0.5	104.0	218.1	-	-	-	- wam_grid_tables
256	256	1024	256	11.0	5.7	258.3	45.2	-	-	-	- mask_itf.nc
256	256	768	0	14.6	0.0	0.3	16.3	-	-	-	- ppt00021200
256	256	768	0	13.6	0.0	0.3	16.6	-	-	-	- ppt00050000
256	256	1024	256	7.5	5.9	309.8	52.4	-	-	-	- M2rowdrg.nc
256	256	768	0	13.3	0.0	0.3	16.9	-	-	-	- ppt00040000
256	256	768	0	12.8	0.0	0.3	16.5	-	-	-	- ppt00041200
256	256	768	0	12.7	0.0	0.3	16.7	-	-	-	- ppt00020000
256	256	768	0	12.4	0.0	0.3	16.5	-	-	-	- ppt00070000
16	16	16	0	12.1	-	-	-	0.0	2.1	60.5	:pf:0000:2::::1:...
256	256	768	0	11.2	0.0	0.3	16.6	-	-	-	- ppt00010000
256	256	768	0	9.5	0.0	0.3	16.6	-	-	-	- ppt00011200
256	256	768	0	8.9	0.0	0.3	16.8	-	-	-	- ppt00051200
256	256	768	0	8.6	0.0	0.3	17.2	-	-	-	- ppt00060000
256	512	1536	113664	6.8	1.4	316.3	233.5	-	-	-	- fort.4
256	256	768	0	6.1	0.0	0.3	16.7	-	-	-	- ppt00091200
256	256	768	0	5.6	0.0	0.3	16.6	-	-	-	- ppt00061200
16	16	16	0	4.0	-	-	-	0.1	0.3	4.9	:pf:0000:2::::1:...
256	256	768	0	3.7	0.0	0.3	17.7	-	-	-	- ppt00080000
256	512	2048	24832	3.4	0.2	49.0	272.7	-	-	-	- wam_namelist
256	256	768	0	2.4	0.0	0.1	3.1	-	-	-	- namnemowamcoup.in
256	256	1280	5120	1.7	0.0	1.1	31.1	-	-	-	- dirlist
256	1	256	0	0.9	0.0	11.3	247.5	-	-	-	- sfcwindin
256	1	256	0	0.1	0.4	256.5	570.0	-	-	-	- specwavein