

Processing

Anaconda & Container Operating System

In building the region3db_image image the [continuumio/anaconda3](#) image was used as the base image. It used [anaconda](#) version 2020.02, and [Debian](#) version 10.4 as its operating system. The following packages were installed, when building the docker image, using Debian's apt-get command: [nano](#), [curl](#), [vim](#), [lsb-release](#), [gnupg2](#), and [sudo](#). The conda virtual environment (conda activate adcirc), created for processing the data, used Python 3.7. An environment.yml file was used to create this environment. This contents of the environment.yml file are:

```
name: adcirc
channels:
  - conda-forge
  - defaults
dependencies:
  - python=3.7
  - netcdf4
  - xarray
  - pip:
    - psycopg2-binary
    - wget
```

The packages [xarray](#) and [netcdf4](#) where used to read netcdf files, while [psycopg2-binary](#) was used to access the postgresql database, and [wget](#) was used to download the netcdf files.

Number of CPU's

The virtual machine used in ingesting the data had 4 CPU's. Also, the GO program [timescaledb-parallel-copy](#) was set to use 4 CPU's when copying the data to the database. An increase in CPU's for timescaledb-parallel-copy to utilize would improve the ingest times.

Running cronjobs

A cronjob could be used to run Python ingest script and other scripts from the container region3db_container. This could be done by accessing the crontab file using the linux command "crontab -e", and editing that file adding the following commands:

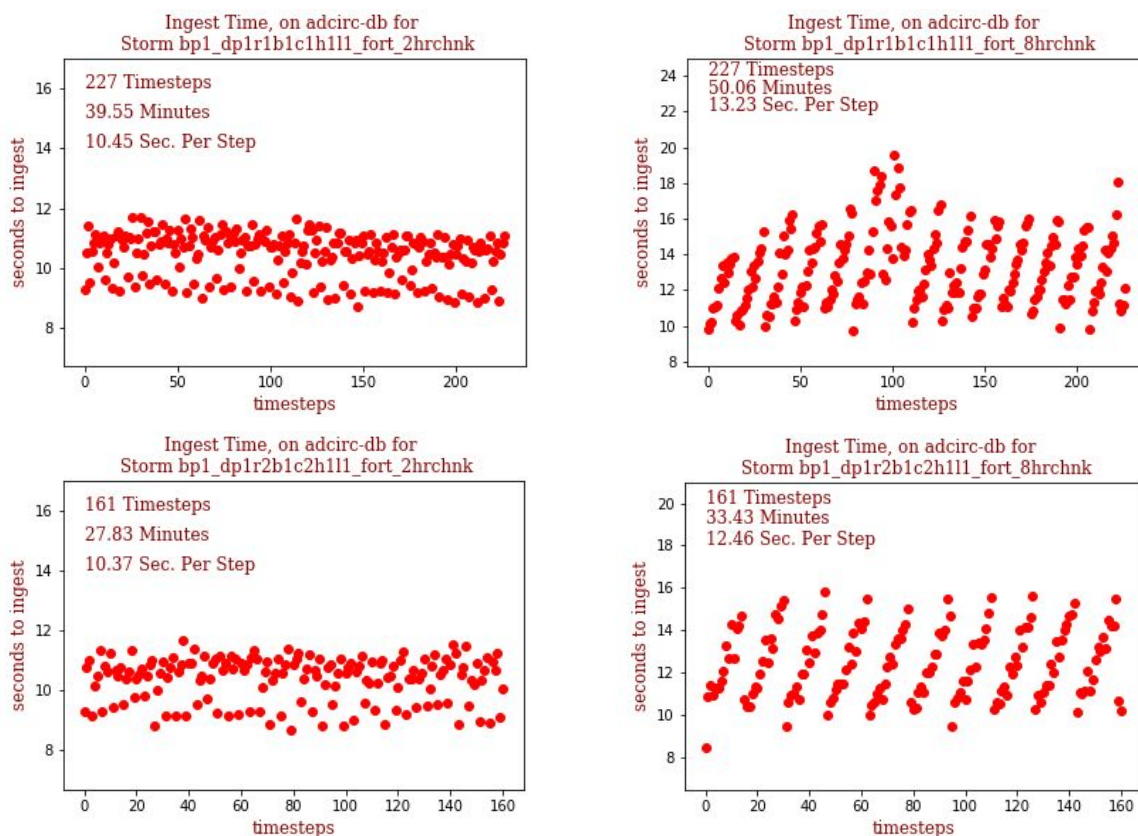
```
SHELL=/bin/bash
MAILTO=your@email.address
PATH=/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin
MM hh dd mm * docker exec -t --user data region3db_container bash -c "source
/home/data/.bashrc; conda activate adcirc; sg postgres -c
```

```
/home/data/adcircreg3simdb/ingestZetaFortNcCSV.py VAR_dp3r3b1c1h1l1" >> ~/cron.log  
2>&1
```

where “MM hh dd mm” are the minute, hour, day, and month that you want to start the job, respectively.

Ingest Results

Before ingesting the data we performed some tests, with the results shown below. The tests used a 2 hour, and 8 hour time interval to see if there were major differences in the ingest rates. Storms track's bp1_dp1r1b1c1h1l1_fort and bp1_dp1r2b1c2h1l1_fort were used. The suffix, 2hrchnk and 8hrchnk, in the storm name used in the title of each graph, indicate if a 2 hour or 8 hour time interval was used, respectively.



Ingesting a storm using a time interval of 2 hours, opposed to 8 hours, was a little over 10 minutes faster for storm bp1_dp1r1b1c1h1l1_fort, and a little over 12 minutes faster for storm bp1_dp1r2b1c2h1l1_fort.

Ingest times were collected for every storm track ingested, so a much broader examination of ingest times could be performed.

Disk space

Currently that reg3sim database contains 470 tables and two views. The two views geography_columns and geometry_columns are related to PostGIS. There is also a table spatial_ref_sys which is related to PostGIS, and the geometry table r3sim_fort_geom. These table sizes are listed below.

table_name	table_size	index_size	total_size
r3sim_fort_geom	717 MB	612 MB	1329 MB
spatial_ref_sys	6936 kB	304 kB	7272 kB

The remaining 468 tables contain the data from 156 storm tracks for the fort63, swan63, and fort64 ADCIRC output. The current size of the reg3sim database is 32+TB. A more detailed look at the size of each of the variables table is shown below.

table_name	table_size	index_size	toast_size	total_size
bp1_dp1r1b1c1h1l1_fort63	20 GB	40 GB	960 kB	59 GB
bp1_dp1r1b1c1h1l1_fort64	22 GB	40 GB	960 kB	61 GB
bp1_dp1r1b1c1h1l1_swan63	22 GB	40 GB	960 kB	62 GB
bp1_dp1r1b1c2h1l1_fort63	14 GB	27 GB	672 kB	41 GB
bp1_dp1r1b1c2h1l1_fort64	22 GB	41 GB	672 kB	63 GB
bp1_dp1r1b1c2h1l1_swan63	15 GB	42 GB	672 kB	57 GB
bp1_dp1r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
bp1_dp1r2b1c1h1l1_fort64	29 GB	54 GB	960 kB	83 GB
bp1_dp1r2b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
bp1_dp1r2b1c2h1l1_fort63	13 GB	41 GB	656 kB	54 GB
bp1_dp1r2b1c2h1l1_fort64	22 GB	41 GB	656 kB	63 GB
bp1_dp1r2b1c2h1l1_swan63	15 GB	41 GB	656 kB	55 GB
bp1_dp1r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
bp1_dp1r3b1c1h1l1_fort64	30 GB	55 GB	960 kB	84 GB
bp1_dp1r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
bp1_dp1r3b1c2h1l1_fort63	13 GB	41 GB	656 kB	55 GB
bp1_dp1r3b1c2h1l1_fort64	22 GB	39 GB	656 kB	61 GB
bp1_dp1r3b1c2h1l1_swan63	15 GB	41 GB	656 kB	57 GB
bp1_dp2r1b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
bp1_dp2r1b1c1h1l1_fort64	26 GB	47 GB	960 kB	73 GB
bp1_dp2r1b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
bp1_dp2r1b1c2h1l1_fort63	14 GB	42 GB	672 kB	56 GB
bp1_dp2r1b1c2h1l1_fort64	19 GB	35 GB	672 kB	54 GB

bp1_dp2r1b1c2h1l1_swan63	15 GB	42 GB	672 kB	57 GB
bp1_dp2r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
bp1_dp2r2b1c1h1l1_fort64	26 GB	47 GB	960 kB	72 GB
bp1_dp2r2b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
bp1_dp2r2b1c2h1l1_fort63	14 GB	43 GB	688 kB	57 GB
bp1_dp2r2b1c2h1l1_fort64	20 GB	36 GB	688 kB	56 GB
bp1_dp2r2b1c2h1l1_swan63	15 GB	43 GB	688 kB	59 GB
bp1_dp2r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
bp1_dp2r3b1c1h1l1_fort64	29 GB	52 GB	960 kB	81 GB
bp1_dp2r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
bp1_dp2r3b1c2h1l1_fort63	14 GB	43 GB	688 kB	57 GB
bp1_dp2r3b1c2h1l1_fort64	21 GB	38 GB	688 kB	58 GB
bp1_dp2r3b1c2h1l1_swan63	16 GB	43 GB	688 kB	59 GB
ncr_dp1r1b1c1h1l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp1r1b1c1h1l1_fort64	26 GB	47 GB	960 kB	73 GB
ncr_dp1r1b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp1r1b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp1r1b1c1h2l1_fort64	29 GB	54 GB	960 kB	83 GB
ncr_dp1r1b1c1h2l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp1r1b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp1r1b1c1h3l1_fort64	26 GB	48 GB	960 kB	74 GB
ncr_dp1r1b1c1h3l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp1r1b1c2h1l1_fort63	13 GB	39 GB	624 kB	51 GB
ncr_dp1r1b1c2h1l1_fort64	16 GB	28 GB	624 kB	44 GB
ncr_dp1r1b1c2h1l1_swan63	14 GB	39 GB	624 kB	53 GB
ncr_dp1r1b1c2h2l1_fort63	13 GB	41 GB	656 kB	55 GB
ncr_dp1r1b1c2h2l1_fort64	17 GB	32 GB	656 kB	49 GB
ncr_dp1r1b1c2h2l1_swan63	15 GB	41 GB	656 kB	56 GB
ncr_dp1r1b1c2h3l1_fort63	15 GB	45 GB	720 kB	59 GB
ncr_dp1r1b1c2h3l1_fort64	21 GB	38 GB	720 kB	59 GB
ncr_dp1r1b1c2h3l1_swan63	16 GB	45 GB	720 kB	61 GB
ncr_dp1r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp1r2b1c1h1l1_fort64	28 GB	52 GB	960 kB	79 GB
ncr_dp1r2b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp1r2b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB

ncr_dp1r2b1c1h2l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp1r2b1c1h2l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp1r2b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp1r2b1c1h3l1_fort64	24 GB	44 GB	960 kB	68 GB
ncr_dp1r2b1c1h3l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp1r2b1c2h1l1_fort63	12 GB	38 GB	608 kB	50 GB
ncr_dp1r2b1c2h1l1_fort64	14 GB	25 GB	608 kB	38 GB
ncr_dp1r2b1c2h1l1_swan63	14 GB	38 GB	608 kB	52 GB
ncr_dp1r2b1c2h2l1_fort63	13 GB	41 GB	656 kB	54 GB
ncr_dp1r2b1c2h2l1_fort64	16 GB	29 GB	656 kB	45 GB
ncr_dp1r2b1c2h2l1_swan63	15 GB	41 GB	656 kB	56 GB
ncr_dp1r2b1c2h3l1_fort63	14 GB	43 GB	688 kB	57 GB
ncr_dp1r2b1c2h3l1_fort64	16 GB	28 GB	688 kB	44 GB
ncr_dp1r2b1c2h3l1_swan63	16 GB	43 GB	688 kB	59 GB
ncr_dp1r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp1r3b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp1r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp1r3b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp1r3b1c1h2l1_fort64	23 GB	41 GB	960 kB	64 GB
ncr_dp1r3b1c1h2l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp1r3b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp1r3b1c1h3l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp1r3b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp1r3b1c2h1l1_fort63	13 GB	39 GB	624 kB	51 GB
ncr_dp1r3b1c2h1l1_fort64	15 GB	27 GB	624 kB	43 GB
ncr_dp1r3b1c2h1l1_swan63	15 GB	39 GB	624 kB	54 GB
ncr_dp1r3b1c2h2l1_fort63	14 GB	42 GB	672 kB	55 GB
ncr_dp1r3b1c2h2l1_fort64	15 GB	27 GB	672 kB	43 GB
ncr_dp1r3b1c2h2l1_swan63	16 GB	42 GB	672 kB	58 GB
ncr_dp1r3b1c2h3l1_fort63	15 GB	45 GB	720 kB	60 GB
ncr_dp1r3b1c2h3l1_fort64	17 GB	30 GB	720 kB	46 GB
ncr_dp1r3b1c2h3l1_swan63	17 GB	45 GB	720 kB	62 GB
ncr_dp2r1b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r1b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp2r1b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB

ncr_dp2r1b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r1b1c1h2l1_fort64	23 GB	42 GB	960 kB	66 GB
ncr_dp2r1b1c1h2l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp2r1b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r1b1c1h3l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp2r1b1c1h3l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp2r1b1c2h1l1_fort63	13 GB	39 GB	624 kB	52 GB
ncr_dp2r1b1c2h1l1_fort64	16 GB	29 GB	624 kB	46 GB
ncr_dp2r1b1c2h1l1_swan63	14 GB	39 GB	624 kB	54 GB
ncr_dp2r1b1c2h2l1_fort63	14 GB	42 GB	672 kB	56 GB
ncr_dp2r1b1c2h2l1_fort64	16 GB	29 GB	672 kB	44 GB
ncr_dp2r1b1c2h2l1_swan63	15 GB	42 GB	672 kB	58 GB
ncr_dp2r1b1c2h3l1_fort63	14 GB	43 GB	688 kB	57 GB
ncr_dp2r1b1c2h3l1_fort64	17 GB	32 GB	688 kB	49 GB
ncr_dp2r1b1c2h3l1_swan63	15 GB	43 GB	688 kB	58 GB
ncr_dp2r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r2b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp2r2b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp2r2b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r2b1c1h2l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp2r2b1c1h2l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp2r2b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r2b1c1h3l1_fort64	23 GB	42 GB	960 kB	65 GB
ncr_dp2r2b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp2r2b1c2h1l1_fort63	13 GB	39 GB	624 kB	52 GB
ncr_dp2r2b1c2h1l1_fort64	14 GB	26 GB	624 kB	40 GB
ncr_dp2r2b1c2h1l1_swan63	15 GB	39 GB	624 kB	54 GB
ncr_dp2r2b1c2h2l1_fort63	14 GB	42 GB	672 kB	55 GB
ncr_dp2r2b1c2h2l1_fort64	15 GB	27 GB	672 kB	43 GB
ncr_dp2r2b1c2h2l1_swan63	15 GB	42 GB	672 kB	57 GB
ncr_dp2r2b1c2h3l1_fort63	14 GB	44 GB	704 kB	59 GB
ncr_dp2r2b1c2h3l1_fort64	16 GB	29 GB	704 kB	45 GB
ncr_dp2r2b1c2h3l1_swan63	16 GB	44 GB	704 kB	60 GB
ncr_dp2r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r3b1c1h1l1_fort64	23 GB	40 GB	960 kB	63 GB

ncr_dp2r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp2r3b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r3b1c1h2l1_fort64	23 GB	42 GB	960 kB	66 GB
ncr_dp2r3b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp2r3b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp2r3b1c1h3l1_fort64	23 GB	42 GB	960 kB	65 GB
ncr_dp2r3b1c1h3l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp2r3b1c2h1l1_fort63	13 GB	39 GB	624 kB	51 GB
ncr_dp2r3b1c2h1l1_fort64	14 GB	25 GB	624 kB	40 GB
ncr_dp2r3b1c2h1l1_swan63	15 GB	39 GB	624 kB	54 GB
ncr_dp2r3b1c2h2l1_fort63	14 GB	42 GB	672 kB	56 GB
ncr_dp2r3b1c2h2l1_fort64	16 GB	28 GB	672 kB	43 GB
ncr_dp2r3b1c2h2l1_swan63	16 GB	42 GB	672 kB	58 GB
ncr_dp2r3b1c2h3l1_fort63	14 GB	44 GB	704 kB	59 GB
ncr_dp2r3b1c2h3l1_fort64	16 GB	29 GB	704 kB	45 GB
ncr_dp2r3b1c2h3l1_swan63	16 GB	44 GB	704 kB	61 GB
ncr_dp3r1b1c1h1l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r1b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
ncr_dp3r1b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp3r1b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r1b1c1h2l1_fort64	24 GB	45 GB	960 kB	69 GB
ncr_dp3r1b1c1h2l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp3r1b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
ncr_dp3r1b1c1h3l1_fort64	23 GB	41 GB	960 kB	64 GB
ncr_dp3r1b1c1h3l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp3r1b1c2h1l1_fort63	13 GB	39 GB	624 kB	51 GB
ncr_dp3r1b1c2h1l1_fort64	14 GB	25 GB	624 kB	39 GB
ncr_dp3r1b1c2h1l1_swan63	14 GB	39 GB	624 kB	53 GB
ncr_dp3r1b1c2h2l1_fort63	13 GB	41 GB	656 kB	55 GB
ncr_dp3r1b1c2h2l1_fort64	15 GB	27 GB	656 kB	42 GB
ncr_dp3r1b1c2h2l1_swan63	15 GB	41 GB	656 kB	56 GB
ncr_dp3r1b1c2h3l1_fort63	15 GB	46 GB	736 kB	61 GB
ncr_dp3r1b1c2h3l1_fort64	18 GB	32 GB	736 kB	50 GB
ncr_dp3r1b1c2h3l1_swan63	17 GB	46 GB	736 kB	62 GB
ncr_dp3r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB

ncr_dp3r2b1c1h1l1_fort64	24 GB	43 GB	960 kB	67 GB
ncr_dp3r2b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
ncr_dp3r2b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r2b1c1h2l1_fort64	23 GB	41 GB	960 kB	63 GB
ncr_dp3r2b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp3r2b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r2b1c1h3l1_fort64	24 GB	43 GB	960 kB	67 GB
ncr_dp3r2b1c1h3l1_swan63	22 GB	61 GB	960 kB	83 GB
ncr_dp3r2b1c2h1l1_fort63	12 GB	38 GB	608 kB	51 GB
ncr_dp3r2b1c2h1l1_fort64	14 GB	26 GB	608 kB	40 GB
ncr_dp3r2b1c2h1l1_swan63	14 GB	38 GB	608 kB	52 GB
ncr_dp3r2b1c2h2l1_fort63	14 GB	43 GB	688 kB	57 GB
ncr_dp3r2b1c2h2l1_fort64	16 GB	29 GB	688 kB	45 GB
ncr_dp3r2b1c2h2l1_swan63	16 GB	43 GB	688 kB	58 GB
ncr_dp3r2b1c2h3l1_fort63	14 GB	43 GB	688 kB	57 GB
ncr_dp3r2b1c2h3l1_fort64	16 GB	28 GB	688 kB	44 GB
ncr_dp3r2b1c2h3l1_swan63	16 GB	43 GB	688 kB	59 GB
ncr_dp3r3b1c1h1l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r3b1c1h1l1_fort64	23 GB	41 GB	960 kB	64 GB
ncr_dp3r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp3r3b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r3b1c1h2l1_fort64	23 GB	40 GB	960 kB	63 GB
ncr_dp3r3b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp3r3b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
ncr_dp3r3b1c1h3l1_fort64	23 GB	42 GB	960 kB	66 GB
ncr_dp3r3b1c1h3l1_swan63	23 GB	61 GB	960 kB	84 GB
ncr_dp3r3b1c2h1l1_fort63	13 GB	38 GB	608 kB	51 GB
ncr_dp3r3b1c2h1l1_fort64	15 GB	27 GB	608 kB	42 GB
ncr_dp3r3b1c2h1l1_swan63	14 GB	38 GB	608 kB	53 GB
ncr_dp3r3b1c2h2l1_fort63	14 GB	43 GB	688 kB	57 GB
ncr_dp3r3b1c2h2l1_fort64	16 GB	29 GB	688 kB	46 GB
ncr_dp3r3b1c2h2l1_swan63	16 GB	43 GB	688 kB	60 GB
ncr_dp3r3b1c2h3l1_fort63	15 GB	45 GB	720 kB	59 GB
ncr_dp3r3b1c2h3l1_fort64	17 GB	30 GB	720 kB	47 GB
ncr_dp3r3b1c2h3l1_swan63	16 GB	45 GB	720 kB	61 GB

var_dp1r1b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r1b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r1b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp1r1b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r1b1c1h2l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r1b1c1h2l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp1r1b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r1b1c1h3l1_fort64	23 GB	41 GB	960 kB	64 GB
var_dp1r1b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r1b1c1h4l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r1b1c1h4l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r1b1c1h4l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp1r1b1c1h5l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r1b1c1h5l1_fort64	23 GB	42 GB	960 kB	65 GB
var_dp1r1b1c1h5l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp1r1b1c2h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r1b1c2h1l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r1b1c2h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp1r1b1c2h2l1_fort63	17 GB	52 GB	832 kB	69 GB
var_dp1r1b1c2h2l1_fort64	20 GB	35 GB	832 kB	55 GB
var_dp1r1b1c2h2l1_swan63	19 GB	52 GB	832 kB	71 GB
var_dp1r1b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp1r1b1c2h3l1_fort64	20 GB	36 GB	880 kB	57 GB
var_dp1r1b1c2h3l1_swan63	20 GB	56 GB	880 kB	76 GB
var_dp1r1b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp1r1b1c2h4l1_fort64	18 GB	32 GB	784 kB	50 GB
var_dp1r1b1c2h4l1_swan63	18 GB	49 GB	784 kB	67 GB
var_dp1r1b1c2h5l1_fort63	15 GB	47 GB	752 kB	62 GB
var_dp1r1b1c2h5l1_fort64	18 GB	34 GB	752 kB	52 GB
var_dp1r1b1c2h5l1_swan63	17 GB	47 GB	752 kB	64 GB
var_dp1r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r2b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r2b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r2b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r2b1c1h2l1_fort64	22 GB	40 GB	960 kB	62 GB

var_dp1r2b1c1h2l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r2b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r2b1c1h3l1_fort64	23 GB	41 GB	960 kB	63 GB
var_dp1r2b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r2b1c1h4l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r2b1c1h4l1_fort64	23 GB	42 GB	960 kB	65 GB
var_dp1r2b1c1h4l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r2b1c1h5l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r2b1c1h5l1_fort64	23 GB	41 GB	960 kB	63 GB
var_dp1r2b1c1h5l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r2b1c2h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r2b1c2h1l1_fort64	23 GB	41 GB	960 kB	63 GB
var_dp1r2b1c2h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp1r2b1c2h2l1_fort63	17 GB	51 GB	816 kB	68 GB
var_dp1r2b1c2h2l1_fort64	20 GB	36 GB	816 kB	55 GB
var_dp1r2b1c2h2l1_swan63	19 GB	52 GB	816 kB	70 GB
var_dp1r2b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp1r2b1c2h3l1_fort64	21 GB	37 GB	880 kB	58 GB
var_dp1r2b1c2h3l1_swan63	20 GB	56 GB	880 kB	76 GB
var_dp1r2b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp1r2b1c2h4l1_fort64	19 GB	35 GB	784 kB	54 GB
var_dp1r2b1c2h4l1_swan63	18 GB	50 GB	784 kB	68 GB
var_dp1r2b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp1r2b1c2h5l1_fort64	17 GB	31 GB	752 kB	48 GB
var_dp1r2b1c2h5l1_swan63	17 GB	47 GB	752 kB	65 GB
var_dp1r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp1r3b1c1h1l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r3b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp1r3b1c1h2l1_fort64	24 GB	43 GB	960 kB	67 GB
var_dp1r3b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp1r3b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp1r3b1c1h3l1_fort64	23 GB	42 GB	960 kB	66 GB
var_dp1r3b1c1h3l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp1r3b1c1h4l1_fort63	20 GB	60 GB	960 kB	80 GB

var_dp1r3b1c1h4l1_fort64	23 GB	42 GB	960 kB	66 GB
var_dp1r3b1c1h4l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp1r3b1c1h5l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp1r3b1c1h5l1_fort64	23 GB	42 GB	960 kB	65 GB
var_dp1r3b1c1h5l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp1r3b1c2h1l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp1r3b1c2h1l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp1r3b1c2h1l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp1r3b1c2h2l1_fort63	17 GB	52 GB	832 kB	69 GB
var_dp1r3b1c2h2l1_fort64	20 GB	37 GB	832 kB	57 GB
var_dp1r3b1c2h2l1_swan63	20 GB	53 GB	832 kB	72 GB
var_dp1r3b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp1r3b1c2h3l1_fort64	21 GB	37 GB	880 kB	58 GB
var_dp1r3b1c2h3l1_swan63	21 GB	56 GB	880 kB	77 GB
var_dp1r3b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp1r3b1c2h4l1_fort64	19 GB	34 GB	784 kB	52 GB
var_dp1r3b1c2h4l1_swan63	19 GB	50 GB	784 kB	68 GB
var_dp1r3b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp1r3b1c2h5l1_fort64	18 GB	32 GB	752 kB	50 GB
var_dp1r3b1c2h5l1_swan63	18 GB	47 GB	752 kB	65 GB
var_dp2r1b1c1h1l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r1b1c1h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r1b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r1b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r1b1c1h2l1_fort64	24 GB	42 GB	960 kB	65 GB
var_dp2r1b1c1h2l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp2r1b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r1b1c1h3l1_fort64	23 GB	40 GB	960 kB	63 GB
var_dp2r1b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r1b1c1h4l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r1b1c1h4l1_fort64	24 GB	42 GB	960 kB	66 GB
var_dp2r1b1c1h4l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp2r1b1c1h5l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r1b1c1h5l1_fort64	22 GB	40 GB	960 kB	62 GB
var_dp2r1b1c1h5l1_swan63	23 GB	61 GB	960 kB	83 GB

var_dp2r1b1c2h1l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r1b1c2h1l1_fort64	23 GB	41 GB	960 kB	64 GB
var_dp2r1b1c2h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp2r1b1c2h2l1_fort63	17 GB	52 GB	832 kB	69 GB
var_dp2r1b1c2h2l1_fort64	21 GB	37 GB	832 kB	57 GB
var_dp2r1b1c2h2l1_swan63	19 GB	53 GB	832 kB	72 GB
var_dp2r1b1c2h3l1_fort63	18 GB	55 GB	880 kB	73 GB
var_dp2r1b1c2h3l1_fort64	21 GB	38 GB	880 kB	58 GB
var_dp2r1b1c2h3l1_swan63	20 GB	55 GB	880 kB	75 GB
var_dp2r1b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp2r1b1c2h4l1_fort64	18 GB	49 GB	784 kB	67 GB
var_dp2r1b1c2h4l1_swan63	18 GB	49 GB	784 kB	67 GB
var_dp2r1b1c2h5l1_fort63	15 GB	47 GB	752 kB	62 GB
var_dp2r1b1c2h5l1_fort64	17 GB	47 GB	752 kB	64 GB
var_dp2r1b1c2h5l1_swan63	17 GB	47 GB	752 kB	64 GB
var_dp2r2b1c1h1l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r2b1c1h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c1h1l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r2b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r2b1c1h2l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp2r2b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r2b1c1h3l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c1h3l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp2r2b1c1h4l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r2b1c1h4l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c1h4l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp2r2b1c1h5l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r2b1c1h5l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c1h5l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r2b1c2h1l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r2b1c2h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c2h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp2r2b1c2h2l1_fort63	17 GB	52 GB	832 kB	69 GB
var_dp2r2b1c2h2l1_fort64	19 GB	52 GB	832 kB	71 GB

var_dp2r2b1c2h2l1_swan63	19 GB	52 GB	832 kB	71 GB
var_dp2r2b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp2r2b1c2h3l1_fort64	20 GB	55 GB	880 kB	76 GB
var_dp2r2b1c2h3l1_swan63	20 GB	56 GB	880 kB	76 GB
var_dp2r2b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp2r2b1c2h4l1_fort64	18 GB	49 GB	784 kB	67 GB
var_dp2r2b1c2h4l1_swan63	18 GB	49 GB	784 kB	68 GB
var_dp2r2b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp2r2b1c2h5l1_fort64	17 GB	47 GB	752 kB	65 GB
var_dp2r2b1c2h5l1_swan63	17 GB	47 GB	752 kB	65 GB
var_dp2r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp2r3b1c1h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp2r3b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp2r3b1c1h2l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h2l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp2r3b1c1h3l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h3l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp2r3b1c1h4l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp2r3b1c1h4l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h4l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h5l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp2r3b1c1h5l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r3b1c1h5l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp2r3b1c2h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp2r3b1c2h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp2r3b1c2h1l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp2r3b1c2h2l1_fort63	17 GB	52 GB	832 kB	69 GB
var_dp2r3b1c2h2l1_fort64	19 GB	52 GB	832 kB	71 GB
var_dp2r3b1c2h2l1_swan63	20 GB	52 GB	832 kB	72 GB
var_dp2r3b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp2r3b1c2h3l1_fort64	20 GB	56 GB	880 kB	76 GB
var_dp2r3b1c2h3l1_swan63	21 GB	56 GB	880 kB	77 GB
var_dp2r3b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB

var_dp2r3b1c2h4l1_fort64	18 GB	49 GB	784 kB	68 GB
var_dp2r3b1c2h4l1_swan63	19 GB	49 GB	784 kB	68 GB
var_dp2r3b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp2r3b1c2h5l1_fort64	17 GB	47 GB	752 kB	65 GB
var_dp2r3b1c2h5l1_swan63	18 GB	47 GB	752 kB	65 GB
var_dp3r1b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r1b1c1h1l1_fort64	22 GB	60 GB	960 kB	83 GB
var_dp3r1b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h2l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r1b1c1h2l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h2l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h3l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp3r1b1c1h3l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h4l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp3r1b1c1h4l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h4l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h5l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r1b1c1h5l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c1h5l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp3r1b1c2h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r1b1c2h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c2h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp3r1b1c2h2l1_fort63	17 GB	52 GB	832 kB	69 GB
var_dp3r1b1c2h2l1_fort64	19 GB	52 GB	832 kB	71 GB
var_dp3r1b1c2h2l1_swan63	19 GB	52 GB	832 kB	71 GB
var_dp3r1b1c2h3l1_fort63	18 GB	55 GB	880 kB	73 GB
var_dp3r1b1c2h3l1_fort64	20 GB	55 GB	880 kB	76 GB
var_dp3r1b1c2h3l1_swan63	20 GB	56 GB	880 kB	76 GB
var_dp3r1b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp3r1b1c2h4l1_fort64	18 GB	49 GB	784 kB	67 GB
var_dp3r1b1c2h4l1_swan63	18 GB	49 GB	784 kB	67 GB
var_dp3r1b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp3r1b1c2h5l1_fort64	17 GB	47 GB	752 kB	65 GB
var_dp3r1b1c2h5l1_swan63	17 GB	47 GB	752 kB	65 GB

var_dp3r2b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r2b1c1h1l1_fort64	22 GB	60 GB	960 kB	82 GB
var_dp3r2b1c1h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp3r2b1c1h2l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp3r2b1c1h2l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r2b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r2b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r2b1c1h3l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r2b1c1h3l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r2b1c1h4l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r2b1c1h4l1_fort64	22 GB	61 GB	960 kB	82 GB
var_dp3r2b1c1h4l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp3r2b1c1h5l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r2b1c1h5l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r2b1c1h5l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp3r2b1c2h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r2b1c2h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r2b1c2h1l1_swan63	22 GB	61 GB	960 kB	83 GB
var_dp3r2b1c2h2l1_fort63	17 GB	52 GB	832 kB	70 GB
var_dp3r2b1c2h2l1_fort64	19 GB	52 GB	832 kB	72 GB
var_dp3r2b1c2h2l1_swan63	19 GB	53 GB	832 kB	72 GB
var_dp3r2b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp3r2b1c2h3l1_fort64	20 GB	55 GB	880 kB	76 GB
var_dp3r2b1c2h3l1_swan63	21 GB	56 GB	880 kB	76 GB
var_dp3r2b1c2h4l1_fort63	16 GB	49 GB	784 kB	65 GB
var_dp3r2b1c2h4l1_fort64	18 GB	49 GB	784 kB	67 GB
var_dp3r2b1c2h4l1_swan63	18 GB	49 GB	784 kB	68 GB
var_dp3r2b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp3r2b1c2h5l1_fort64	17 GB	47 GB	752 kB	65 GB
var_dp3r2b1c2h5l1_swan63	17 GB	47 GB	752 kB	65 GB
var_dp3r3b1c1h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r3b1c1h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r3b1c1h1l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r3b1c1h2l1_fort63	None	None	None	None
var_dp3r3b1c1h2l1_fort64	22 GB	61 GB	960 kB	83 GB

var_dp3r3b1c1h2l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r3b1c1h3l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r3b1c1h3l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r3b1c1h3l1_swan63	23 GB	61 GB	960 kB	83 GB
var_dp3r3b1c1h4l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r3b1c1h4l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r3b1c1h4l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r3b1c1h5l1_fort63	20 GB	60 GB	960 kB	80 GB
var_dp3r3b1c1h5l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r3b1c1h5l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r3b1c2h1l1_fort63	20 GB	61 GB	960 kB	80 GB
var_dp3r3b1c2h1l1_fort64	22 GB	61 GB	960 kB	83 GB
var_dp3r3b1c2h1l1_swan63	23 GB	61 GB	960 kB	84 GB
var_dp3r3b1c2h2l1_fort63	17 GB	51 GB	816 kB	67 GB
var_dp3r3b1c2h2l1_fort64	19 GB	51 GB	816 kB	69 GB
var_dp3r3b1c2h2l1_swan63	19 GB	51 GB	816 kB	70 GB
var_dp3r3b1c2h3l1_fort63	18 GB	55 GB	880 kB	74 GB
var_dp3r3b1c2h3l1_fort64	20 GB	55 GB	880 kB	76 GB
var_dp3r3b1c2h3l1_swan63	21 GB	56 GB	880 kB	76 GB
var_dp3r3b1c2h4l1_fort63	16 GB	49 GB	784 kB	66 GB
var_dp3r3b1c2h4l1_fort64	18 GB	49 GB	784 kB	68 GB
var_dp3r3b1c2h4l1_swan63	19 GB	49 GB	784 kB	68 GB
var_dp3r3b1c2h5l1_fort63	15 GB	47 GB	752 kB	63 GB
var_dp3r3b1c2h5l1_fort64	17 GB	47 GB	752 kB	65 GB
var_dp3r3b1c2h5l1_swan63	18 GB	47 GB	752 kB	65 GB