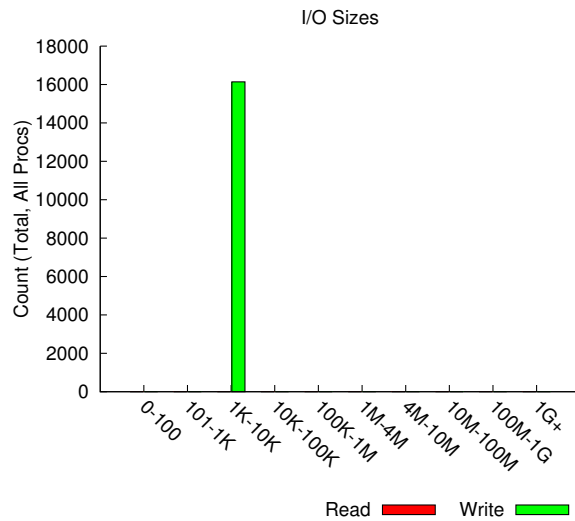| jobid: 397950	uid: 59902	nprocs: 16384	runtime: 5820 seconds

Average I/O cost per process

I/O Operation Counts

I/O Sizes

I/O Pattern
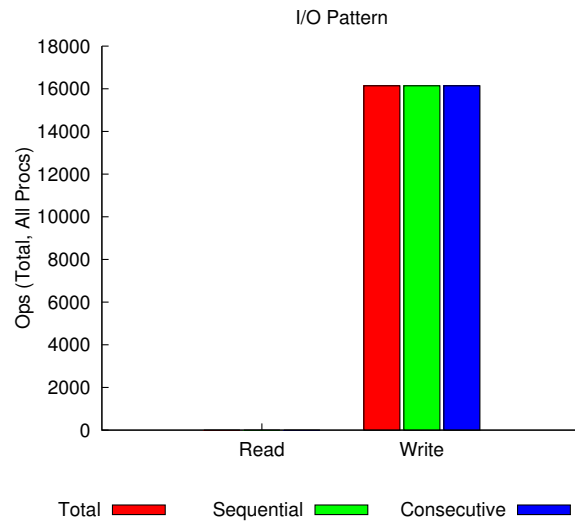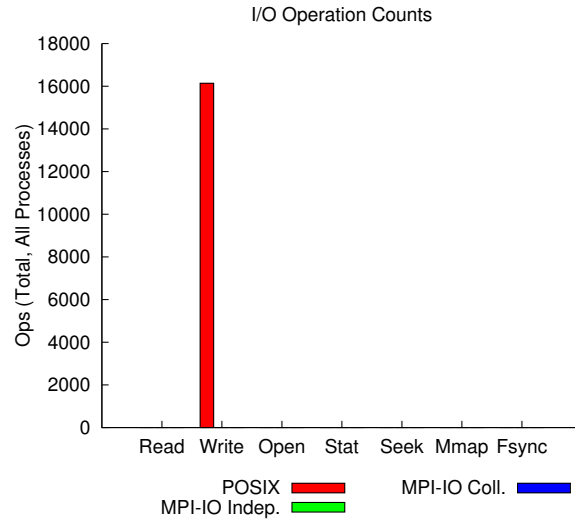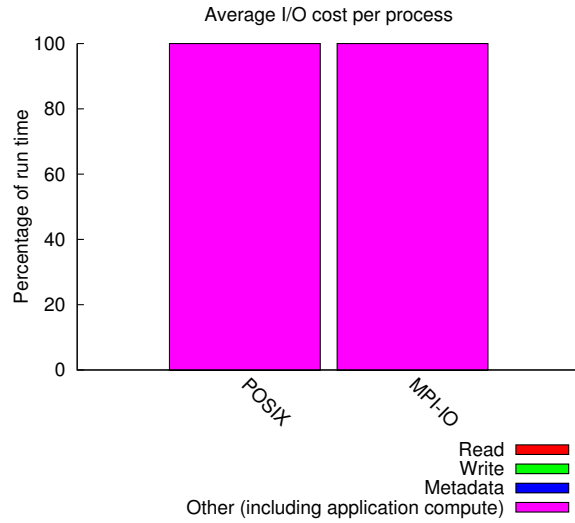
Most Common Access Sizes

access size	count
8215	3175
8191	2717
8201	1765
8211	1559

File Count Summary
(estimated by I/O access offsets)

type	number of files	avg. size	max size
total opened	1	127M	127M
read-only files	0	0	0
write-only files	1	127M	127M
read/write files	0	0	0
created files	1	127M	127M

/global/u2/y/yanfei/GlobalStarMidFlux/bin/./athena -r /scratch1/scratchdirs/yanfei/GlobalStarMidFlux/restart/star.out3.00023.rst time/tlim=0.14 -d /scratch1/scratchdirs/yanfei/GlobalStarMidFlux

Timespan from first to last read access on independent files

```
384
336
288
240
192
144
096
048
  0
   00:00:00   00:10:00   00:20:00   00:30:00   00:40:00   00:50:00   01:00:00   01:10:00   01:20:00   01:30:00
                                            hours:minutes:seconds
```

Timespan from first to last write access on independent files

```
384
336
288
240
192
144
096
048
  0
   00:00:00   00:10:00   00:20:00   00:30:00   00:40:00   00:50:00   01:00:00   01:10:00   01:20:00   01:30:00
                                            hours:minutes:seconds
```

Timespan from first to last access on files shared by all processes

```
                                                                                            read
                                                                                            write

All processes


   00:00:00   00:10:00   00:20:00   00:30:00   00:40:00   00:50:00   01:00:00   01:10:00   01:20:00   01:30:00
                                            hours:minutes:seconds
```

Average I/O per process

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0.000000	0.000000
Independent writes	0.000027	0.007707
Independent metadata	0.000049	N/A
Shared reads	0.000000	0.000000
Shared writes	0.000000	0.000000
Shared metadata	0.000000	N/A

Data Transfer Per Filesystem

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/scratch1	126.26652	1.00000	0.00000	0.00000

Variance in Shared Files

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes