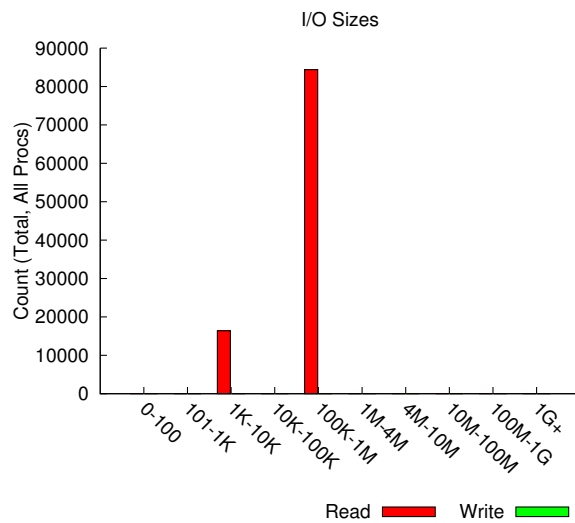| jobid: 397950	uid: 59902	nprocs: 16384	runtime: 5820 seconds

Average I/O cost per process

I/O Operation Counts

I/O Sizes

I/O Pattern
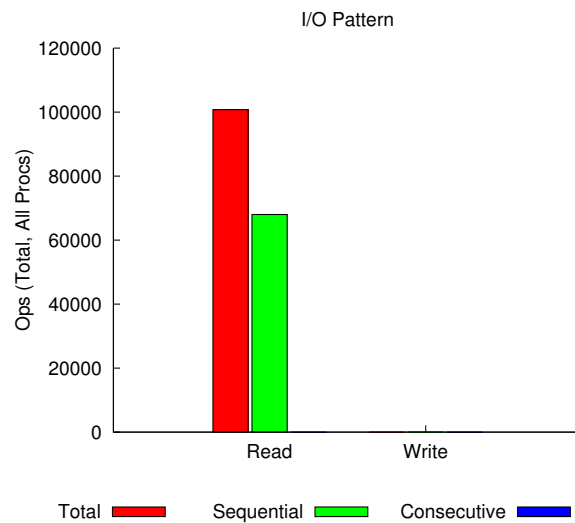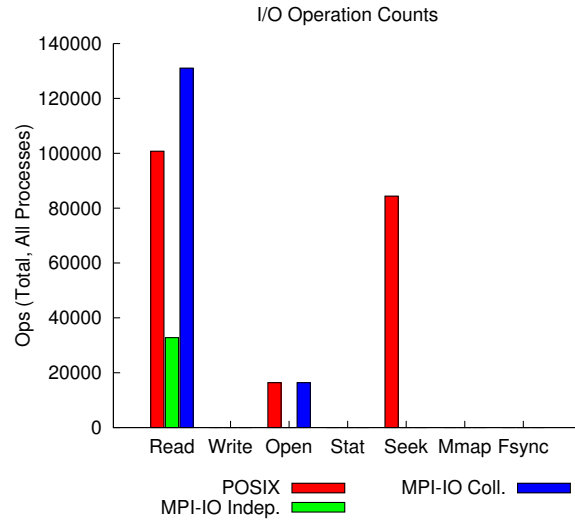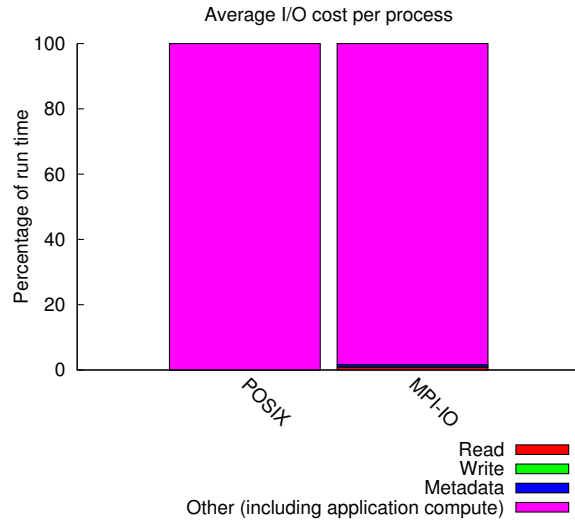
Most Common Access Sizes

access size	count
1048576	68003
4096	16384
655360	16383
8	3

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

type	number of files	avg. size	max size
total opened	1	67G	67G
read-only files	1	67G	67G
write-only files	0	0	0
read/write files	0	0	0
created files	0	0	0

/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

Timespan from first to last write access on independent files

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

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	0.000000	0.000000
Independent metadata	0.000000	N/A
Shared reads	0.412010	4.779297
Shared writes	0.000000	0.000000
Shared metadata	0.270935	N/A

Data Transfer Per Filesystem

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/scratch1	0.00000	0.00000	78304.00012	1.00000

/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

Variance in Shared Files

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes
....out3.00023.rst	16384	2621	93.117276	644K	3890	108.434033	644K	0.482	3.94e+08