

		Serial	Deterministic	Nondeterministic	
				$n = 5$	$n = 10$
BabelStream (102400) @ 28 SM's [4.50 blocks/SM]					
DRAM reads	$t = 4$	0	0 (0%)	0 (0%)	0 (0%)
	$t = 8$		0 (0%)	0 (0%)	
DRAM writes	$t = 4$	25.6K	25.6K (0%)	25.6K (0%)	25.6K (0%)
	$t = 8$		25.6K (0%)	25.6K (0%)	
L1D hit rate	$t = 4$	0.0%	0% (0%)	0% (0%)	0% (0%)
	$t = 8$		0% (0%)	0% (0%)	
L2D hit rate	$t = 4$	94.4%	94.4% (0%)	94.4% (0%)	94.4% (0%)
	$t = 8$		94.4% (0%)	94.4% (0%)	
Cycles	$t = 4$	69.5K	69.5K (0%)	69.3K (0.2%)	69.3K (0.2%)
	$t = 8$		69.5K (0%)	69.5K (0.2%)	69.5K (0.1%)
Exec time	$t = 4$	66.8s	30.3s (2.2x)	23.7s (2.8x)	24.3s (2.8x)
	$t = 8$		27.8s (2.4x)	20.9s (3.2x)	19.4s (3.5x)
BabelStream (102400) @ 112 SM's [1.12 blocks/SM]					
DRAM reads	$t = 4$	0	0 (0%)	0 (0%)	0 (0%)
	$t = 8$		0 (0%)	0 (0%)	
DRAM writes	$t = 4$	25.6K	25.6K (0%)	25.6K (0%)	25.6K (0%)
	$t = 8$		25.6K (0%)	25.6K (0%)	
L1D hit rate	$t = 4$	0.0%	0% (0%)	0% (0%)	0% (0%)
	$t = 8$		0% (0%)	0% (0%)	
L2D hit rate	$t = 4$	94.4%	94.4% (0%)	94.4% (0%)	94.4% (0%)
	$t = 8$		94.4% (0%)	94.4% (0%)	
Cycles	$t = 4$	56.9K	56.9K (0%)	56.9K (0%)	56.9K (0%)
	$t = 8$		56.9K (0%)	56.9K (0%)	56.9K (0.1%)
Exec time	$t = 4$	171.7s	62.4s (2.8x)	54.8s (3.1x)	54.8s (3.1x)
	$t = 8$		45.3s (3.8x)	41.2s (4.2x)	39.4s (4.4x)
Average BabelStream (3 configurations) @ 28 SM's					
DRAM reads	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
DRAM writes	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
L1D hit rate	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
L2D hit rate	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
Cycles	$t = 4$		0%	0.1%	0.1%
	$t = 8$		0%	0.1%	0%
Exec time	$t = 4$		2.2x	2.6x	2.6x
	$t = 8$		2.5x	2.9x	3x
Average BabelStream (3 configurations) @ 112 SM's					
DRAM reads	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
DRAM writes	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
L1D hit rate	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
L2D hit rate	$t = 4$		0%	0%	0%
	$t = 8$		0%	0%	
Cycles	$t = 4$		0%	7.9%	7.9%
	$t = 8$		0%	7.9%	7.9%
Exec time	$t = 4$		2.4x	2.7x	2.7x
	$t = 8$		3.1x	3.3x	3.4x