

		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)	<b>23.7s (2.8x)</b>	24.3s (2.8x)
	$t = 8$		27.8s (2.4x)	20.9s (3.2x)	<b>19.4s (3.5x)</b>
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	$t = 4$	56.7K	56.7K (0%)	56.7K (0%)	56.8K (0.1%)
	$t = 8$		56.7K (0%)	56.7K (0%)	56.8K (0.1%)
Exec time	$t = 4$	165.5s	60.7s (2.7x)	56.4s (2.9x)	<b>56.1s (3x)</b>
	$t = 8$		46.5s (3.6x)	41.7s (4x)	<b>40.4s (4.1x)</b>
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	<b>2.6x</b>	2.6x
	$t = 8$		2.5x	2.9x	<b>3x</b>
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%	0%	0.1%
	$t = 8$		0%	0%	0%
Exec time	$t = 4$		2.4x	2.5x	<b>2.5x</b>
	$t = 8$		2.9x	3.1x	<b>3.2x</b>