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mixbench/read-only (v0.02-55-gf517fbc)
----- Device specifications -----
Device: GeForce GTX 1080 Ti
CUDA driver version: 9.10
GPU clock rate: 1582 MHz
Memory clock rate: 2752 MHz
Memory bus width: 352 bits
WarpSize: 32
L2 cache size: 2816 KB
Total global mem: 11172 MB
ECC enabled: No
Compute Capability: 6.1
Total SPs: 3584 (28 MPs x 128 SPs/MP)
Compute throughput: 11339.78 GFlops (theoretical single precision FMAs)
Memory bandwidth: 484.44 GB/sec
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Total GPU memory 11715084288, free 11546198016
Buffer size: 256MB
Trade-off type: compute with global memory (block strided)
Elements per thread: 8
Thread fusion degree: 4

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Compute iters	Single Precision ops				Double precision ops				Half precision ops				Integer operations			
	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	lops/byte	ex.time	GIOPS	GB/sec
0	0.25	0.37	90.52	362.08	0.125	0.75	44.89	359.1	0.5	0.52	129.85	259.69	0.25	0.37	90.52	362.08
1	0.75	0.37	270.81	361.08	0.375	0.75	134.11	357.63	1.5	1.34	150.43	100.28	0.75	0.37	270.81	361.08
2	1.25	0.37	450.11	360.09	0.625	0.75	222.33	355.72	2.5	2.14	156.56	62.63	1.25	0.37	452.6	362.08
3	1.75	0.37	633.69	362.11	0.875	0.76	307.99	351.99	3.5	2.96	158.91	45.4	1.75	0.37	632	361.14
4	2.25	0.37	814.67	362.08	1.125	0.95	317.8	282.49	4.5	3.79	159.2	35.38	2.25	0.37	812.43	361.08
5	2.75	0.37	995.71	362.08	1.375	1.15	319.83	232.6	5.5	4.58	161.14	29.3	2.75	0.39	939.2	341.53
6	3.25	0.37	1163.79	358.09	1.625	1.36	320.77	197.4	6.5	5.43	160.55	24.7	3.25	0.38	1151.31	354.25
7	3.75	0.37	1346.86	359.16	1.875	1.56	322.31	171.9	7.5	6.25	161	21.47	3.75	0.38	1332.03	355.21
8	4.25	0.37	1526.57	359.19	2.125	1.78	321.25	151.18	8.5	7.07	161.35	18.98	4.25	0.4	1428.35	336.08
9	4.75	0.37	1705.73	359.1	2.375	1.98	321.92	135.54	9.5	7.89	161.61	17.01	4.75	0.38	1678.85	353.44
10	5.25	0.37	1885.28	359.1	2.625	2.17	324.39	123.58	10.5	8.77	160.76	15.31	5.25	0.38	1840.53	350.58
11	5.75	0.38	2055.68	357.51	2.875	2.38	324.91	113.01	11.5	9.53	162.01	14.09	5.75	0.39	2004.43	348.6
12	6.25	0.37	2250.55	360.09	3.125	2.58	325.24	104.08	12.5	9.9	169.47	13.56	6.25	0.42	2012.78	322.04
13	6.75	0.37	2426.22	359.44	3.375	2.54	356.49	105.63	13.5	10.13	178.92	13.25	6.75	0.38	2366.99	350.66
14	7.25	0.37	2610.64	360.09	3.625	2.71	358.89	99	14.5	10.87	179.01	12.35	7.25	0.38	2534.06	349.53
15	7.75	0.37	2783.51	359.16	3.875	2.89	359.58	92.79	15.5	11.61	179.16	11.56	7.75	0.39	2688.21	346.87
16	8.25	0.37	2972.26	360.27	4.125	3.1	357.47	86.66	16.5	12.36	179.24	10.86	8.25	0.46	2392.35	289.98
17	8.75	0.37	3150.77	360.09	4.375	3.28	357.73	81.77	17.5	13.1	179.33	10.25	8.75	0.39	3034.07	346.75
18	9.25	0.37	3330.81	360.09	4.625	3.47	357.77	77.36	18.5	13.75	180.61	9.76	9.25	0.39	3173.86	343.12
20	10.25	0.37	3682.68	359.29	5.125	3.84	358.26	69.91	20.5	15.32	179.6	8.76	10.25	0.52	2644.66	258.02
22	11.25	0.38	3974.56	353.29	5.625	4.18	361.06	64.19	22.5	16.69	180.93	8.04	11.25	0.45	3321.08	295.21
24	12.25	0.38	4351.31	355.21	6.125	4.58	358.88	58.59	24.5	18.17	181.02	7.39	12.25	0.59	2764.46	225.67
28	14.25	0.38	5048.04	354.25	7.125	4.89	391.16	54.9	28.5	19.32	197.99	6.95	14.25	0.62	3092.34	217.01
32	16.25	0.38	5803.6	357.14	8.125	5.56	392.47	48.3	32.5	21.88	199.4	6.14	16.25	0.7	3137.86	193.1
40	20.25	0.38	7178.39	354.49	10.125	6.87	395.68	39.08	40.5	27.24	199.59	4.93	20.25	0.86	3161.18	156.11
48	24.25	0.38	8567.37	353.29	12.125	8.21	396.32	32.69	48.5	32.6	199.71	4.12	24.25	1.02	3191.46	131.61
56	28.25	0.38	9981.39	353.32	14.125	9.53	397.93	28.17	56.5	37.43	202.58	3.59	28.25	1.11	3410.35	120.72
64	32.25	0.38	11363.1	352.34	16.125	10.19	424.7	26.34	64.5	41.01	211.11	3.27	32.25	1.27	3417.2	105.96
80	40.25	0.43	12570.42	312.31	20.125	12.8	422.09	20.97	80.5	50.81	212.64	2.64	40.25	1.57	3432.43	85.28
96	48.25	0.5	12863.92	266.61	24.125	15.34	422.29	17.5	96.5	60.89	212.7	2.2	48.25	1.88	3442.69	71.35
128	64.25	0.66	12995.95	202.27	32.125	20.27	425.33	13.24	128.5	81.06	212.77	1.66	64.25	2.5	3449.97	53.7
192	96.25	1.01	12807.8	133.07	48.125	30.56	422.72	8.78	192.5	121.38	212.85	1.11	96.25	3.75	3441.82	35.76
256	128.25	1.49	11523.55	89.85	64.125	40.71	422.83	6.59	256.5	161.72	212.88	0.83	128.25	5.02	3428.62	26.73