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mixbench/alternating (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: 64MB
Trade-off type: compute with global memory (block strided)

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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	23.39	0	367.29	0	48.35	0	355.34	0	23.25	0	369.4	0	23.16	0	370.85
1	0.129	22.95	46.78	362.58	0.065	46.71	22.99	356.31	0.258	24.54	87.51	339.08	0.129	23.12	46.45	359.96
2	0.267	22.26	96.49	361.83	0.133	45.46	47.24	354.32	0.533	24.46	175.56	329.18	0.267	22.41	95.83	359.36
3	0.414	21.8	147.74	357.04	0.207	44.52	72.35	349.7	0.828	32.4	198.86	240.29	0.414	21.81	147.68	356.89
4	0.571	20.92	205.26	359.21	0.286	43.33	99.13	346.97	1.143	41.76	205.72	180	0.571	20.9	205.51	359.64
5	0.741	20.21	265.58	358.54	0.37	42.17	127.31	343.74	1.481	52.18	205.77	138.9	0.741	20.31	264.31	356.82
6	0.923	19.32	333.45	361.23	0.462	40.86	157.67	341.63	1.846	62.61	205.81	111.48	0.923	19.29	333.93	361.75
7	1.12	18.26	411.56	367.46	0.56	39.89	188.43	336.49	2.24	73.03	205.83	91.89	1.12	18.6	404.1	360.8
8	1.333	17.43	492.81	369.61	0.667	38.8	221.41	332.12	2.667	81.26	211.41	79.28	1.333	17.57	488.85	366.63
9	1.565	16.75	576.81	368.52	0.783	37.85	255.34	326.27	3.13	91.41	211.43	67.54	1.565	16.87	572.92	366.03
10	1.818	15.55	690.64	379.85	0.909	37.05	289.84	318.82	3.636	101.56	211.44	58.15	1.818	15.79	680.01	374.01
11	2.095	14.7	803.34	383.41	1.048	35.77	330.17	315.16	4.19	111.71	211.45	50.46	2.095	14.87	794.32	379.11
12	2.4	13.3	969.03	403.76	1.2	32.13	401.07	334.23	4.8	121.86	211.47	44.06	2.4	13.61	946.51	394.38
13	2.737	12.45	1121.11	409.64	1.368	33.9	411.72	300.87	5.474	135.58	205.91	37.62	2.737	12.66	1102.71	402.91
14	3.111	11.09	1356.04	435.87	1.566	35.55	422.83	271.82	6.222	142.17	211.48	33.99	3.111	11.44	1313.68	422.25
15	3.529	10.15	1587.15	449.69	1.765	39.11	411.78	233.34	7.059	156.43	205.92	29.17	3.529	10.37	1553.75	440.23
16	4	12.09	1421.47	355.37	2	40.62	422.9	211.45	8	162.46	211.49	26.44	4	12.51	1373.16	343.29
17	4.533	11.05	1652.22	364.46	2.267	44.33	411.81	181.68	9.067	172.62	211.49	23.33	4.533	11.43	1597.01	352.28
18	5.143	10.51	1839.79	357.74	2.571	45.7	422.93	164.47	10.286	182.77	211.5	20.56	5.143	11.01	1755.93	341.43
19	5.846	9.46	2157.61	369.07	2.923	48.23	422.96	144.7	11.692	192.92	211.5	18.09	5.846	9.83	2075.74	355.06
20	6.667	8.84	2430.64	364.6	3.333	50.77	422.96	126.89	13.333	203.07	211.5	15.86	6.667	9.33	2300.77	345.12
21	7.636	7.72	2921.21	382.54	3.818	53.31	422.98	110.78	15.273	213.23	211.5	13.85	7.636	8.18	2756.4	360.96
22	8.8	7.71	3062.09	347.97	4.4	57.36	411.85	93.6	17.6	223.37	211.51	12.02	8.8	8.27	2854.68	324.4
23	10.222	6.52	3789.19	370.68	5.111	59.96	411.86	80.58	20.444	233.52	211.51	10.35	10.222	5.89	4190.66	409.96
24	12	6.29	4097.42	341.45	6	60.92	422.98	70.5	24	243.67	211.51	8.81	12	6.35	4059.92	338.33
25	14.286	5.02	5343.67	374.06	7.143	63.46	422.99	59.22	28.571	253.82	211.51	7.4	14.286	6.36	4221.32	295.49
26	17.333	4.77	5851.68	337.6	8.667	67.78	411.87	47.52	34.667	271.11	205.95	5.94	17.333	6.88	4055.92	234
27	21.6	3.52	8235.41	381.27	10.8	68.54	423	39.17	43.2	274.12	211.52	4.9	21.6	6.9	4201.93	194.53
28	28	3.32	9047.81	323.14	14	73.01	411.81	29.41	56	291.96	205.95	3.68	28	7.78	3866.74	138.1
29	38.667	2.54	12261.57	317.11	19.333	73.62	422.96	21.88	77.333	294.42	211.52	2.74	38.667	7.33	4250.59	109.93
30	60	2.72	11830.49	197.17	30	78.22	411.84	13.73	120	304.57	211.53	1.76	60	8.17	3943	65.72
31	124	2.56	13013.24	104.95	62	80.83	411.8	6.64	248	323.35	205.88	0.83	124	7.65	4349.77	35.08
32	inf	2.78	12359.33	0	inf	81.24	422.94	0	inf	324.98	211.46	0	inf	8.45	4068.19	0