mixbench/alternating (v0.03)

---------- Device specifications ----------

Device: Tesla K40m

CUDA driver version: 9.20

GPU clock rate: 745 MHz

Memory clock rate: 1502 MHz

Memory bus width: 384 bits

WarpSize: 32

L2 cache size: 1536 KB

Total global mem: 11441 MB

ECC enabled: Yes

Compute Capability: 3.5

Total SPs: 2880 (15 MPs x 192 SPs/MP)

Compute throughput: 4291.20 GFlops (theoretical single precision FMAs)

Memory bandwidth: 288.38 GB/sec

Total GPU memory 11996954624, free 11913723904

Buffer size: 64MB

Trade-off type: compute with global memory (block strided)

Warning: Half precision computations are not supported

	Single Precision ops				Double precision ops				Half precision ops				Integer operations			
Compute iters	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Iops/byte	ex.time	GIOPS	GB/sec
0	0	47.04	0	182.61	0	97.51	0	176.19	0	0	-nan	inf	0	46.9	0	183.17
1	0.129	45.86	23.41	181.45	0.065	94.9	11.31	175.37	0.258	0	inf	inf	0.129	45.91	23.39	181.24
2	0.267	44.32	48.46	181.71	0.133	90.81	23.65	177.36	0.533	0	inf	inf	0.267	44.22	48.57	182.13
3	0.414	42.92	75.06	181.38	0.207	87.67	36.74	177.6	0.828	0	inf	inf	0.414	43.03	74.87	180.93
4	0.571	40.89	105.03	183.81	0.286	84.62	50.76	177.64	1.143	0	inf	inf	0.571	41.04	104.64	183.12
5	0.741	39.39	136.3	184.01	0.37	82.25	65.27	176.23	1.481	0	inf	inf	0.741	39.47	136.01	183.61
6	0.923	38.02	169.46	183.58	0.462	79.29	81.25	176.04	1.846	0	inf	inf	0.923	38.08	169.17	183.27
7	1.12	35.9	209.35	186.92	0.56	75.77	99.2	177.13	2.24	0	inf	inf	1.12	36.4	206.51	184.38
8	1.333	34.83	246.59	184.95	0.667	72.44	118.58	177.86	2.667	0	inf	inf	1.333	35.28	243.48	182.61
9	1.565	32.15	300.59	192.04	0.783	70.16	137.74	176	3.13	0	inf	inf	1.565	32.97	293.07	187.24
10	1.818	31.3	343.02	188.66	0.909	66.38	161.75	177.93	3.636	0	inf	inf	1.818	32.34	332.04	182.62
11	2.095	28.35	416.67	198.87	1.048	63.81	185.09	176.67	4.19	0	inf	inf	2.095	18.8	628.31	299.88
12	2.4	27.61	466.75	194.48	1.2	60.28	213.75	178.12	4.8	0	inf	inf	2.4	20.67	623.4	259.75
13	2.737	23.89	584.39	213.53	1.368	57.62	242.24	177.02	5.474	0	inf	inf	2.737	21.85	638.79	233.4
14	3.111	23.01	653.4	210.02	1.556	54.25	277.11	178.14	6.222	0	inf	inf	3.111	23.56	637.99	205.07
15	3.529	18.89	852.64	241.58	1.765	51.16	314.82	178.4	7.059	0	inf	inf	3.529	24.77	650.3	184.25
16	4	23.79	722.18	180.55	2	49.19	349.28	174.64	8	0	inf	inf	4	27.03	635.5	158.87
17	4.533	21.77	838.38	184.94	2.267	45.12	404.59	178.5	9.067	0	inf	inf	4.533	28.31	644.67	142.21
18	5.143	20.66	935.4	181.88	2.571	42.89	450.58	175.22	10.286	0	inf	inf	5.143	30.34	637.08	123.88
19	5.846	18.67	1092.78	186.92	2.923	39.43	517.37	177	11.692	0	inf	inf	5.846	31.62	645.25	110.37
20	6.667	17.65	1216.63	182.49	3.333	36.91	581.77	174.53	13.333	0	inf	inf	6.667	33.22	646.39	96.96
21	7.636	15.67	1438.83	188.42	3.818	33.4	675.1	176.81	15.273	0	inf	inf	7.636	34.3	657.47	86.1
22	8.8	14.96	1578.62	179.39	4.4	30.66	770.34	175.08	17.6	0	inf	inf	8.8	36.29	650.97	73.97
23	10.222	12.86	1919.81	187.81	5.111	27.1	911.28	178.29	20.444	0	inf	inf	10.222	37.31	661.94	64.76
24	12	12.08	2133.39	177.78	6	24.8	1039.28	173.21	24	0	inf	inf	12	39.36	654.7	54.56
25	14.286	10.01	2682.39	187.77	7.143	21.75	1233.97	172.76	28.571	0	inf	inf	14.286	39.83	673.99	47.18
26	17.333	10.55	2645.28	152.61	8.667	22.4	1246.49	143.83	34.667	0	inf	inf	17.333	42.78	652.65	37.65
27	21.6	9.77	2966.92	137.36	10.8	23.19	1250.35	115.77	43.2	0	inf	inf	21.6	43.34	668.87	30.97
28	28	8.88	3386.05	120.93	14	23.23	1294.45	92.46	56	0	inf	inf	28	45.65	658.62	23.52
29	38.667	9.18	3391.47	87.71	19.333	24.3	1281.49	66.28	77.333	0	inf	inf	38.667	46.53	669.15	17.31
30	60	9.18	3508.5	58.47	30	24.38	1321.37	44.05	120	0	inf	inf	60	48.43	665.1	11.08
31	124	9.68	3436.92	27.72	62	24.61	1352.37	21.81	248	0	inf	inf	124	48.44	687.14	5.54
32	inf	9.5	3618.12	0	inf	25.39	1353.38	0	inf	0	inf	-nan	inf	50.64	678.55	0