Current	Result			GPU	SM Frequency		⊕	0 8	•
ouncil	23 - Hylal (9240, 1,	1)x(64, 1, 1) 650,76 msecond	000.374.300 30	0 - NVIDIA GeForce GTX	1030 11 11/4	7.5 [5892] NQu	eensrar.exe		
► Memory Worklo	ad Analysis						Memory C	hart	0
			The second secon				are units (Mem Busy), exhausting the available communication be . Detailed tables with data for each memory unit.	andwidth	
Memory Throughpu					Mem Busy [%]				3,58
L1/TEX Hit Rate [%] L2 Hit Rate [%]				66,67	Max Bandwidth [%]				9,56 9,56
LZ HIL Kate [76]				31,72	Mem Pipes Busy [%]			4:	9,50
⚠ Memory L2	Compression The opt	ional metric Itsaverage_gcomp	_input_sector_suc	cess_rate.pct could not be t	found. Collecting it as an a	additional metric o	could enable the rule to provide more guidance.		
<u>∼</u> L1TEX Globa	al Load Access Pattern	caused by the stride between	threads, results in 1	6.0 sectors per request, or	16.0*32 = 512.0 bytes of	cache data transf	per thread per memory request; but the address pattern, possibly ers per request. The optimal thread address pattern for 4.0 byte nce. Check the Source Counters section for uncoalesced global		•
<u>∼</u> L1TEX Globa	al Store Access Pattern	caused by the stride between	threads, results in	8.0 sectors per request, or 8	3.0*32 = 256.0 bytes of ca	che data transfer	s per thread per memory request; but the address pattern, possib s per request. The optimal thread address pattern for 4.0 byte nce. Check the <u>Source Counters</u> section for uncoalesced globa	l.	•
~		nemory access pattern for share icts, which represent 35.64% of t					2387040385 shared load requests.This results in 1321652921 ba n for uncoalesced shared loads.	nk (•
~							1118570877 shared store requests.This results in 1331988457 b on for uncoalesced shared stores.	ank (•
▼ Source Counters	 S								Ω
Source metrics, inclu	uding branch efficiency a	nd sampled warp stall reasons. \	Warp Stall Sampling	metrics are periodically sa	ampled over the kernel run	ntime. They indica	te when warps were stalled and couldn't be scheduled. See the do	ocumentati	
		us on stalls if the schedulers fail							
Branch Instructions	[inst]			7.012.056.594	Branch Efficiency [%]			70	6,21
Branch Instructions	Ratio [%]			0,16	Avg. Divergent Branches			17.469.039	9,47
∠ Uncoalesce Est. Speedu		is kernel has uncoalesced globa imary source locations. The 🜐 C		Guide has additional inform	nation on reducing uncoal	esced device mer	tors). Check the L2 Theoretical Sectors Global Excessive table fo mory accesses.	rthe (⊙
				L2 Theoretical Sect	ors Global Excessive	:			
Location						Value	_	Value	_
0x70143b390 in ng						221.952			25
0x70143b380 in ng			-			221.952 221.952		3	25 25
0x70143b360 in ng						221.952			25
0x70143c6d0 in ng						0	_		0
∠ Uncoalesce Est. Speedu		his kernel has uncoalesced share ble for the primary source location		Rest Practices Guide has an			42517133 wavefronts). Check the L1 Wavefronts Shared Excessiv cesses.	/e (⊙
Location				LI Wavellollis S	marca Excessive	14.1		16.1	0 (0.)
Location 0x70143c150 in ng	faf.≱					Value 566.617.332		Value	_
0x70143c460 in ng						557.602.257			25 25
0x70143c560 in ng						556.625.164			25
0x70143c250 in nq						555.754.665			25
0x70143c4a0 in nq	<u>faf</u> ₹					247.833			0
	Wa	arp Stall Sampling (All Sa	mples)				Most Instructions Executed		
Location			Value	Value (%) Location		Value	Value	e (%)
0x70143c2c0 in r	ngfaf 🕭	25	6.249	7	The state of the s		1.180.268.006	Value	3
0x70143c660 in r	_		19.474	<u> </u>	0x70143c2e0 in ngfaf ?		1.131.043.104		3
0x70143c350 in r			19.075	[7	0x70143c360 in ngfaf ?		596.941.996		1
0x70143c5d0 in r	nqfaf ₹	23	0.304	6	0x70143c350 in nqfaf ₹		596.941.996		1
0x70143c600 in r	ngfaf ₹	18	34.033	5	0x70143c340 in ngfaf ?		596.941.996		1

Result: 0 - 23 - nqfaf

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